

GLO Surveyor Personal Notes Idaho

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Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Adair, Arthur Prentiss	Mineral Survey	1906	Rep USDMS	yes, from the University of Idaho		Interred in Fresh Pond Crematory and Columbarium , Middle Village, New York		1872-1964	<p>ID PLS 77. Born in New York, Arthur began attending the University of Idaho in about 1892-94. His family had moved to Idaho by 1900, and Arthur was noted as being from Moscow. He was in the first graduating class, Class of 1896, with four graduates. All four were given positions at the University after graduation. Arthur was an instructor in civil engineering there in 1898, and at sometime was an assistant engineer for the B&OSWRR in Illinois.</p> <p>In 1898 he enrolled in Cornell and received another degree in Civil Engineering in 1899. In 1901, Arthur left his position as assistant engineer for the B&OSW RR to become Assistant Professor of Civil Engineering in the College of Engineering at the University of Idaho. Arthur performed two Mineral Surveys in the Bodie and Carson Mining Districts in 1906. and from 1906-1910 he was associated with irrigation and power plant projects in Blackfoot, Mountain Home and Idaho Falls. Arthur was a civil engineer in Boise in 1910 and married Esther Louise Lamb, a Boise school teacher from New York, in New York in 1912. At that time, Arthur was associated with the Green River Canal in Wyoming.</p>

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									Arthur was employed as a civil engineer for the U. S. Government in the Navy Yard at Charlestown, Massachusetts in 1918 and was a civil engineer in construction in Maryland in 1920 and the same in New York in 1923 and 1930. Arthur worked as a civil engineer for a RR in New York in 1940. The University of Idaho conferred on him an Honorary Doctorate Degree in Science during the 1946 Commencement. At age 83, Arthur was a consultant for the Savannah River Project. He died in New York in 1964 at age 92 and Esther died three months later.
Adams, Wilbur Edward "Edward"	Mineral Surveys	1901	USDMS	see Jerry Olson, obituary photo	see Jerry Olson, from obituary	Fairmount Cemetery, Denver, Colorado, Block 23, shares a monument with his mother and stepfather.	Photo	1877-1910	ID PLS 30. Born in Iowa as an only child, Wilbur attended The University of Michigan from 1896-97 and graduated from the Colorado School of Mines in 1900. He was in Lewiston, Idaho from 1903-1910, but also in Denver in 1901, 1905 and 1906, all as a mining engineer, living with his mother and stepfather. He surveyed one Claim as a Deputy Mineral Surveyor near Elk City, Idaho in 1901. In 1903, he was surveying the townsite of Eureka, near Imnaha, Oregon, and was also locating a wagon road to a timber supply.

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									<p>Wilbur surveyed 76 Mining Claims near the Snake River in Wallowa County in or near the Innaha Mining District between 1902 and 1907. Wilbur made a topographic survey of the Post Office site at Lewiston in 1908, and by 1910 he was the engineer of an irrigation project of 40,000 acres in Southeast Kansas, with his residence listed as Lewiston. He was in Lewiston in the 1910 census, but he got a job at Ouray, Colorado that year, and died late in 1910 of pneumonia at Ouray. His funeral was at the home of his mother, and he shares a tombstone with William and Eva Gabbert at Fairmount Cemetery, Denver, Colorado. His stepfather was Chief Justice Gabbert of the Colorado Supreme Court.</p>
Alexander, John Henry	Special Instructions	1909	SES	yes, from Looters of the Public Domain		Buried in Lakewood Cemetery, Minneapolis, Minnesota beside his wife, Sec. 15, lot 232, grave 2	photo	1842-1914	<p>Born in Pennsylvania, John was a clerk in a lumberyard in Iowa in 1870, a railroad contractor in Minnesota in 1880 and a jailor for the County in 1900. He had married British immigrant, Sarah B. Oldridge, in 1867, and they had three children, none of which were living at home in 1900. John was named a Land Inspector for the LaGrande Land Office in Oregon in 1906 and was noted as furnishing material assistance to Chief Agent Dixon in his investigation of the Umatilla Land Frauds in 1907.</p>

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									He was transferred to Portland in 1908 as a Special Agent covering both halves of the State. By 1909 John was a Special Agent for the General Land Office in Boise, not necessarily with the Surveyor General's Office. He had been recruited originally from Hennepin County, Minnesota. Sarah was in Washington, D. C. in 1910, living with a daughter and son-in-law, listed as a widow, even though John did not die until 1914. Regardless, they are buried side by side at Lakewood Cemetery, Minneapolis, Minnesota
Alley, William G.	Contract 165	1895	USDS			Buried in Ector County Cemetery, Odessa, Texas	No Marker	1862-1950	ID PLS. Born in West Virginia, William's family moved to Minnesota by 1865, and he attended high school there, even though his mother died when he was 13. He was in Idaho by 1895 to receive Contract 165 for 18 townships scattered around the state. Contracts 176 and 184 followed with surveys East of Weiser for 9 townships. He used future USDS Gordon Smith as a crewman for portions of those surveys. Contract 192 followed with 9 townships in the upper Weiser River with Gordon Smith and Jay Turley as crewmen.. Joint Contract 199 with Jay Turley in 1899 for 23 townships North of Idaho Falls was surveyed with George Fenley as a crewman.
									William was a civil engineer, single and a roomer in Boise in both the 1900 and 1910 censuses, but was widowed in 1920 in Texas. He lived in Odessa, Texas in 1935 and 1940 as a widower, and died there in 1950.

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Almond, Frank William "Frank"	Mineral Survey	1904	Rep USDMS			Buried in Morris Hill Cemetery, Boise, Idaho, E 181 2	photo Gps of tombstone from Cemetery Records: 43°36'22.4" 116°13'54.2" ± 10 ft.	1853-1926	ID PLS 46. Born in England, Frank was in Colorado by 1885, was a Clerk in a Lawyer's Office in Denver in 1900, and came to Boise about 1901. He married his wife Julia Upfill Jaeger in 1882, who was born in England, and they had at least one child in England. He came to the U. S. in 1885 and was naturalized by 1900. Frank surveyed Mineral Survey 1958 of two Mining Claims in Bear Creek Mining District in Idaho in 1904 and Mineral Survey 2056 of one Mining Claim in Boise County in 1905. He was Ada County Surveyor in at least 1909, a civil engineer in general practice in Boise in 1910 and ran for Ada County Surveyor against George Ball and Albinus Kimmell in late 1910. He built the first concrete bridge in Idaho, and also was the fist to use concrete abutments. Frank was instrumental in the Good Roads Organization and was named the "father of the good roads law adopted by the Legislature". He was the City Engineer of Boise in 1920 and died there in 1926.

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Anderson, Andrew Smith	Contract 308 (with Olef E. Peterson)	1909	USDS	yes, Passport photo		Buried with his wife, Emily, in Rexburg Cemetery, Rexburg, Idaho	photo Gps of gravestone by Jerry Olson from Billion Graves: 43°50'53.3" 111°47'38.5" ± 20 ft.	1858-1929	Idaho PLS. Born in Utah, Andrew married Emily Cordelia Poole in Salt Lake City in 1884 and lived in Menan, Idaho from at least 1900-1920. He received a Joint Contract with Olef E. Peterson in 1909 for 6 townships in far Southeastern Idaho and they both signed the oaths. Emily died in 1915, and Andrew received a Passport to go to Mexico to survey mining properties and a branch RR. He died in Texas, but is buried with Emily in Rexburg Cemetery, Rexburg, Idaho.
Anderson, Burton J.	Clerk	1907	Dr/Clerk	photo		Died in Pennsylvania		1884-1971	Born in New Jersey the son of a glass blower, Burton moved to Pennsylvania after 1894 with his family. He lived in Idaho by 1906 when he was noted as a draftsman in the Surveyor General's Office in Boise, lasting until 1909. The City Directories noted him as a draftsman for the J. L. Savage Company in Boise until at least 1912. Burton obtained a job with the Corps of Engineers as a Field Clerk in England and France in 1917 and applied for a Passport.

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Anderson, Edward S.	Mineral Survey	1907	USDMS			Buried in Melrose Abbey Memorial Park, Anaheim, California		1875-1953	ID PLS 103. Born in New Hampshire, the son of a Scottish Immigrant dry goods dealer, Edward graduated from high school. He was a draftsman for a RR in Pennsylvania in 1900 and a civil engineer for a abstract company in 1910 in Pocatello, Idaho. He was licensed as an Idaho PLS in 1903, and in 1905 Edward formed the Bannock Engineering Company with U S. Deputy Mineral Surveyor, William Havenor. Edward began surveying Mining Claims in Blaine County, Idaho from 1907-1909 with seven Mineral Surveys containing 11 Claims. That continued in 1912 with surveys for 12 Mining Claims near Pocatello and three Mineral Surveys in Bear Lake County in 1913. With Havenor as City Engineer for Pocatello and Edward as Consulting Engineer, they designed a new addition to the Pocatello Water system in 1914.
									Edward was a civil engineer in Pocatello in 1920, and his last Mineral Survey was in Butte County in 1922. From 1920-1940 at least, Jesse Stewart, a older cousin living with the family in 1880, was living with Edward. He was a civil engineer in Los Angeles in 1930 and working in a warehouse in New Hampshire in 1940. He married for the first time in 1951 at age 76 to 67-year-old Ethel I. Sprague in Idaho, just two years before he died.

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Anderson, Frank	Mineral Survey	1909	USDMS	yes	yes, from obituary	Buried in Salt Lake City Cemetery, Salt Lake City, Utah, B-10-8-3-W	#REF!	1868-1927	Born in Utah, the son of a doctor, Frank graduated from the University of Michigan. He returned to Salt Lake City, opened up a practice in Mining Engineering, and married Elizabeth Williamson in Salt Lake City in 1907. Frank surveyed two Mineral Surveys in Southeastern Idaho in Bear Lake County in 1909.
									He continued his practice with a high reputation until he died of a stomach ulcer quickly in 1927. There were three engineers named Frank Anderson in Idaho and Utah of the right age to be the candidate, but only one of them matched the signatures on the Mineral Surveys.
Anderson, General Scott "Scott"	Mineral Surveys	1898	UDDMS USDS	Yes	Gps of gravestone by Shyla Strain: 47°29'19.7" 115°54'56.1" ± 28 ft.	Buried in Nine Mile Cemetery, Wallace, Idaho. Sec W, Row 9	photo Gps of gravestone by Shyla Strain: 47°29'19.7" 115°54'56.1" ± 28 ft.	1851-1924	Born the son of a farmer, Scott married Rose E. Potter in Colorado in 1880, and a year later son Irving was born in Colorado.. Scott was an active Mineral Surveyor in 1891, living in Wallace, Idaho, and lived in Murray, Idaho in 1901. He was listed in the 1900 Census at Wallace, Idaho with his family, including son Irving Anderson, who was at school. Scott performed 82 Mineral Surveys in Idaho between 1888 and 1904, mostly in Shoshone County.

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									Scott became a Director of the Bank of Commerce in Wallace in 1901, and continued until it was suspended and closed in 1910. The reasons given by the auditor were: "excessive and dishonest financing of the personal enterprises of B.F. O'Neil, President and G. Scott Anderson, Director, aided and abetted by E.S. Wyman, Cashier," and also "the abstraction of funds for the private use of B.F. O'Neil." B. F O'Neil had just finished an unsuccessful campaign for Governor. and "his indebtedness comprised 70% of the bank's total loans". Also, Scott was noted as having been a Director of Lane Lumber Company. Both B. F. O'Neil and Scott Anderson were indicted in 1912 for submitting false reports.
									By 1910 Scott had retired from surveying, and was the manager of a Hardware store, still in Wallace. That grew into Anderson and Son, Hardware and Lumber in 1916 with Irving participating. Scott was listed as the owner of a Lumber Co. in 1920. Rose died in 1921 and Scott in 1924, both in Wallace.

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Anderson, Irving	Mineral Surveys	1904	USDMS USDS			Buried in Nine Mile Cemetery, Wallace, Idaho, Sec W Row 9	photo Gps of gravestone by Shyla Strain: 47°29'19.2" 115°54'56.0" ± 14 ft.	1881-1961	Born in Colorado, the son of G. Scott Anderson, Irving attended college for four years. He was in Wallace, Idaho with his family in 1900, listed as being at school. Irving married Katherine Negley Hare in 1906 in Shoshone County, Idaho. Scott was named in the 1916 Directory of Wallace a partner in G. S. Anderson and son, in the lumber and hardware business. Irving was a Mineral Surveyor and Mining Engineer in Wallace, Idaho from 1900 to at least 1939. From 1905-1939, Irving surveyed 43 Mineral Surveys, all of which were in Shoshone County, except for one in Custer County in 1929. He died in Wallace in 1961, and Katherine survived him one year.
Anderson, James Henry	Special Instructions	1909	Rep SES	yes, from Family Search.org and "Mormon Literature and Creative Arts"	yes, a long one in Family Search.org by Norma Ashworth Whealdon	Buried in Salt Lake Cemetery, Salt Lake, Utah	Photo	1857-1934	Born in Utah, Henry attended Deseret University 1869-70 before moving to the printing industry. He eventually started his own business, and ended up the City Editor of the Deseret News. He married Mary Ann Abbott in Salt Lake in 1881, and they had five children. Henry completed his Mission to Europe in 1892 after spending time in Britain and France. He helped write the History of Utah until going back to the Deseret New in 1901.

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									<p>Henry was elected a Salt Lake County Commissioner in 1900 and served as Chairman of the Board until he retired sometime before 1906. Mary died in 1903, and Henry remarried to Elsie S. Schneider in 1904. they had two adopted twins in 1906. He was State Chairman of the Idaho Republican Party in 1902 and accompanied newly elected Senator Smoot to Washington D. C. to assist in the transition and attended his swearing in ceremony. Henry was named Chief Deputy U. S. Revenue Collector of the States of Montana, Utah and Idaho in 1906, continuing until 1909. Henry was listed in the 1909 Register as a Special Agent for the General Land Office in Idaho, residing in Boise. This may have been with the Boise Land Office rather than the Surveyor General's Office.</p>
									<p>Henry was named the U. S Marshal in Idaho in 1909-14 by President Taft. President Harding appointed Henry to the position of United States Custom Collector for Utah, and he held that position until shortly before his death in 1934 at Salt Lake. He was active all his life in the Mormon Church and Utah civic activities.</p>

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Anderson, Neil Alexander	Mineral Surveys	1909	USDMS	yes		Buried in Little Butte Cemetery, Annis, Idaho	photo Gps of gravestone from Billion Graves by Jerry Olson: 43°43'33.8" 111°56'31.0" ± 10 ft.	1872-1941	ID PLS 199. Born in Utah, the son of a Swedish Immigrant, Neil was still a student in 1900 and graduated from Colorado School of Mines in 1902. He was a surveyor in Frisco, Utah in 1908, married his wife Nettie Firth in 1908, and they had 7 children. Neil surveyed 20 Mining Claims in Idaho in 1909 and by 1920-30 was an alfalfa farmer at Thornton, Idaho.
									The newspapers noted him going off to do surveying on occasion. He was on the Board of the Independent Canal Co. in 1928, a group representing the various canal companies in Idaho. Neil was also elected Madison County Surveyor at least in 1918 and 1930. He lived on the farm at Thornton until he died in 1941.
Anderson, Samuel	Special Inatructions	1859	Astr	yes	yes, from Wikipedia	Died in Scotland, biried in Saint John Episcopal Churchyard, Eninburgh, Scotland, has a Centotaph in Rochester	photo of Centotaph and memorial in churchyard	1839-1881	Born in London, England, Samuel graduated from the Royal Military Academy in 1857 and was named a Lieutenant in 1858. He took a crash course on astronomy after he was appointed to the British Staff of the Northwest Boundary Commission in 1859 as Assistant Astronomer for the survey of the North Line of Washington, Idaho and Montana.

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									His first assignment was to resurvey the North line of Washington across the Cascades surveyed in error by his predecessor. He returned to England in 1862, where he worked on the maps and reports of the Commission until 1864. Samuel created a map of Western Palestine in 1865 and then worked in the Royal School of Military Engineering until he was appointed Chief Astronomer for the Northern Boundary Commission to survey the North line of Montana , North Dakota, and Minnesota in 1872. He completed the work in 1874, worked in Ottawa in until 1875, and then returned to England. Samuel joined the War Office as an assistant inspector of submarine defences, becoming a Major in 1879. He died at his mother's house at age 42 in Scotland in 1881 and is the Namesake of Anderson Peak in Southern Alberta, Canada.
Angell, Homer D.	Contract 247 (with Clyde W. Riddell)	1904	Rep USDS	see Jerry Olson	See Jerry Olson, from web: Go To: http://www.ols.on engr.com/download/globios/angellhomerdbio.pdf	Portland Memorial Funeral Home and Mausoleum	Photo GPS of approximate position of niche in Mausoleum by Jerry Olson from Google Earth: 45°28'29.6" 122°39'08.8"	1875-1968	Homer was a short man, but played football for the U. of Oregon and Columbia University. He was born in Oregon and received his early education in the Wasco Independent Academy in The Dalles, Oregon. He graduated from the University of Oregon in 1900, and besides football, he was captain of the track team and the school's debate competitor. Homer worked as an axeman and chainman for William E. Campbell on four Contracts from 1891-99, and on one Contract for Ed Sharp in 1895.

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									<p>He became a U. S. Deputy Surveyor just after receiving his degree from the University of Oregon. He received Contract 720 for one township East of Cave Junction, Oregon in 1900 and used classmate, and future Deputy surveyor, George R. Campbell, as a chainman. Also in 1900, he received Contracts 725 and 726 for two townships East of John Day. His last Contract in Oregon was for three townships, two east of Roseburg, and one North of Goose Lake in 1902. The work was examined and suspended, but later accepted. He had graduated from Columbia Law School in 1901, and performed Contracts in Idaho and Washington in 1904 and 1905.</p>
									<p>Four were Joint Contracts with Clyde W. Riddell, who was a childhood schoolmate and played football at the University of Oregon with Homer. Robert Omeg, another schoolmate, was a chainman on several townships and Contracts, and they held a Joint Contract in 1904 in Oregon. Homer was a U. S. Transitman under Group 5 with the Direct System in the summer of 1910. Homer practiced law the rest of his career and became a Republican Oregon State Representative from 1929-1936, Oregon State Senator in 1937, and U. S. Congressman from Oregon from 1938-1954, losing a primary to Tom McCall. Growing up near The Dalles, OR, he was a neighbor and uncle of U. S. Deputy Surveyors, W. A. B., Charles L., George R. and Roy T. Campbell. (biography) This is the maintained information.</p>

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Armstrong, James Curtis "Curtis"	Clerk	1906	Dr/Clerk			Buried in Morris Hill Cemetery, Boise, Idaho	photo Gps of gravestone by Jerry Olson from Billion Graves: 43°36'29.0" 116°13'52.4" ± 10 ft.	1873-1959	Born in Iowa, James married Annie Petrie Blair in Iowa in 1900, after he had served in the Spanish American War and was noted as a bookkeeper. James had a son in Idaho and arrived in Boise by 1903 when his daughter was born. He worked as a draftsman in the Surveyor General's Office in 1906 and 1907. James purchased a Timber Claim of 80 acres in 1907 near Moscow. Annie died in 1917, and James remarried to Jean Paul Roberts in 1919, producing two children by that marriage. He was a draftsman for the government in 1918, for a surveyor in 1920, for the Attorney General in 1930 and for the General Land Office in 1940. His death certificate listed him as a map maker.
Ashley, John Kossuth Sr.	Contract 298	1908	Rep USDS	yes	See Jerry Olson, from book: Go To: http://www.olsonengr.com/download/globios/ashleyjohnkbio.pdf	He is buried with his second wife in the family plot number 8 in Lakeview Cemetery in Sandpoint, Idaho.	See Larry Glahe, PLS, Sandpoint, ID.	1853-1926	Idaho PLS L-208. Born in Ohio of a surveyor, John moved to Colorado with his family in 1858 and worked as a messenger in the Surveyor General's Office at age 12-14, where his uncle Eli was Chief Clerk. He later graduated from college in Antioch, Ohio in 1876. He went back to Denver to rejoin his family, where he worked as a civil engineer and Arapahoe County Surveyor until 1888, when he moved to Spokane.

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									<p>John received several Contracts in Colorado from 1879-1881, and was a partner in Ashley, Lambert and Clarke in Denver in 1882. John was Arapahoe County Surveyor from 1881-83, and was nominated for Denver City Surveyor but lost by a wide margin. John owned race horses in 1884-85 in Colorado, and was sued for a debt by the Colorado National Bank not long after one of his best horses died. John was a strong Republican and helped many candidates including Teller for Senator. John was elected to the State Legislature in 1884, and was elected Speaker of the House at the start of the session in 1885. His father, William H. Ashley, was a Colorado GLO Surveyor from 1861-1880, and his uncle James M. Ashley was a U. S. Congressman from Ohio for ten years and then was appointed Montana Governor in 1869.</p>

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									<p>A. W. Barber associated Eli Ashley, John's brother, with the Benson Syndicate in Colorado in 1885, and Harry A. Clarke, John Ashley's partner both in Denver and Spokane, was a lawyer for the Benson Syndicate surveyors in Washington. Barber refers to "the Ashleys" when talking about the corruption. Eli, the uncle, was Chief Clerk in the Colorado GLO Office from at least 1865-1880, and John was a U. S. Deputy Surveyor from 1879-1881. The 1885 Report of the Commissioner refers to the "Colorado Ring" in Washington, namely Harry Clarke, George Gardiner, Wencil Plachy, and John Ashley. John moved to Spokane by 1891, and was City Engineer of Spokane, and then County Surveyor of Spokane County from 1892-1893.</p>
									<p>He served as Compassman for Harry Clarke on his Contract on the Yakima Reservation in 1885, and he was partners with Clarke in Spokane as Ashley and Clarke from 1887-91. At about this time it was proven that Harry Clarke paid a \$500 bribe to a State Senator for a vote on a U. S. Senator.</p>

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									<p>John was awarded Contract 363 to survey the Ruby Guide Meridian and several townships in 1891. Ed Hooker and Irving Worthington were chainmen on this survey. He made a 35 chain error at Palmer Lake on the Ruby Guide Meridian, which was not disclosed until the fractional survey of T39N R25E by Dekalb Ashley was submitted and inspected. Dekalb did not disclose the error, but it came to light through an examination of his contract by Henry Newby. The Ruby Guide Meridian through T39-40N of John Ashley was not approved, the entire survey of Dekalb Ashley was rejected, and all were resurveyed by Stixrud and Nasten in 1896.</p>
									<p>John returned to Denver by 1901, and then in 1902, John moved to Sand Point, Idaho to join his father and brothers, Eli and William, where he worked as a civil engineer until at least 1920. He received Idaho Contract 298 in 1908 for seven townships Northeast of Coeur d'Alene on the Montana border. He was appointed to both the Engineering and Surveying Licensing Boards in 1903 by the Governor. John surveyed "Colburn" in 1902 and completed a map of Sandpoint in 1904. He died in Sandpoint, Idaho. (biography)</p>

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Ashley, John Kossuth Jr.	Contract 309	1909	USDS			Died in Marin County, California, buried in Mount Tamalpais Cemetery, San Rafael, California, Sec J, lot 448		1884-1932	Idaho PLS 66. Born in Colorado, the son of U. S. Deputy Surveyor John K. Ashley, Sr., John was living with his family in Spokane in 1900. He received Contract 299 for four townships Northeast of Coeur d'Alene in 1908 with the assistance of his father. Coincidentally, there were two sets of final oaths for two sets of field crews on all the townships, indicating that his father was probably a compassman. John began surveying Mineral Surveys in 1908 and surveyed 17 of them before 1911 and 14 more from 1911-20, all in Bonner County.
									He married Marie Reine Cheveer in Sand Point in 1909, and after one son, they were divorced by 1918. He received Contract 309 in 1909 for one township with five miles of line next to his previous survey and used his father as the flagman. In 1910, John was a surveyor for the County in Sandpoint, Idaho, and was noted as the first County Engineer of Kootenai County.

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									John made a Segregation Survey of a Millsite in 1915 as a Cadastral Engineer under the Direct System. John attempted to join the Army Engineers in 1918, but was disqualified because of a hernia. He had it repaired and tried again with unknown results. He lived in a hotel in 1918 and was noted as a divorced mining engineer in Spokane in 1920. He remarried in California to Spanish Speaking Victoria Mangiardini, and in 1930 was living with his bride and her mother in San Anselmo. John died in San Rafael in 1932 of an infection from a foot injury, and is interred there.
Ashley, William Henry Jr. "Billy"	Special Instructions	1899	Dem Rep USDS USDMS			Died in Coeur d'Alene, Idaho, buried in Forest Cemetery, Coeur d'Alene, Idaho	photo	1867-1951	ID PLS 17. William was born in Colorado as the younger brother of Eli M. and John K. Ashley, and the cousin of Dekalb Ashley. He came to Idaho with his parents in 1886 and stayed the rest of his life. He married Grace in 1895 in Kootenai, ID. William received one small Contract that involved the retracement of the State Line and some subdivisions near Mud Lake, Idaho in 1899. From 1888 to 1902, he was Kootenai County Surveyor, and from 1906-14 and 1921-34, he was the Registrar at the Land Office in Coeur d' Alene. William surveyed 12 Mineral Surveys in Northern Idaho from 1898-1906. The governor appointed him to lead an examination of a recently completed wagon road in 1895, which was determined to be greatly out of specifications.

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									William served two terms in the State Legislature beginning in 1902, and was the author of the bill requiring land surveyor licensing. Starting in 1934, he then spent the last 18 years of his life back as Kootenai County Surveyor.
Austin, Edwin Nelson	Contract 102	1883	USDS	yes	yes, from LDS Biographical Encyclopedia	Liberty Cemetery, Bear Lake, Idaho	photo Gps of gravestone by Jerry Olson from Billion Graves 42°19'18.5" 111°27'22.9" ± 15 ft.	1840-1920	Born in Connecticut, Edwin came to California with his family for the gold rush in 1846 and was mining in the diggings at age 8. They were Mormons, and moved to Utah to be with the church there in 1848. Edwin married Alnora Naomi Lane in Utah in 1863, and they were in Liberty, Idaho by 1866, where he was active in the church. He added to his household in 1872 by Marrying Emma Wood, Alnora's half-sister.
									He had 11 children by Alnora and 10 children by Emma. The last one was born in 1894, when he was 54 and Emma was 41. He was the first Sheriff of Bear Lake County, and was County Surveyor for several terms. Edwin was a U. S. Deputy Surveyor and a U. S. Deputy Mineral Surveyor in Idaho. He was the LDS Bishop of Bear Lake County from at least 1885-1893.

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Austin, Thomas Cloakes	Mineral Survey	1907	USDMS			Died in Seattle, Washington		1852-1923	<p>Thomas was born in Ohio, the son of an English immigrant shoemaker, and was studying law at age 19 in Ohio, where his family was living. He came to Whatcom, Washington in 1883 with his family. He was a practicing civil engineer and surveyor in 1883, and later in the year he was elected as the City Surveyor for the new town of New Whatcom. He surveyed the town of Wesley and three others. He surveyed a town plat with his brother Banning in 1884. Thomas was an attorney in Whatcom in 1885 and lost for the office of Whatcom Prosecuting Attorney in 1886 as a Democrat. He was a deputy county surveyor in 1887 for his brother, County Surveyor Banning Austin.</p> <p>He married Louise Grenier in 1888 and continued in New Whatcom until at least 1902. Thomas was in Spokane by 1907 when he was appointed a United States Deputy Mineral Surveyor, destined to go to the Metaline District. He was the Chief Engineer for a RR in 1907 from Spokane to Davenport. Thomas was reported in Wallace, Idaho in 1910, and died in Seattle in 1923.</p>

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Babbitt, Thomas Darling	Mineral Survey	1895	USDMS			Buried in Kohlerlawn Cemetery, Nampa, Idaho	photo Gps of gravesite by Jerry Olson from Billion Graves: 43°35'38.4" 116°33'57.2" ± 10 ft.	1859-1939	Born in Ohio, the son of a physician, Thomas Began surveying Mining Claims in Owyhee County, Idaho in 1895, and performed 14 Mineral Surveys in Carson Mining District by 1897. Thomas was a civil engineer in Boise in 1900 and was in Nampa by 1903. He was bonded as a USDMS in Idaho in 1901, and was listed as a mining engineer in Nampa in 1930. There is no record of him doing a Mineral Survey after 1897. The Governor appointed him as a delegate to the American Mining Congress in 1904. He died in Nampa in 1939, and it appears that he never married.
									Thomas spent the better part of his career in Idaho managing mines, based out of Nampa. He was living in at least: Emmert in 1901, War Eagle in 1901, Weiser in 1902, Silver City in 1914-19, and in Owyhee in 1917, .
Bacon, George Morgan "Morgan"	Mineral Surveys	1911+	USDMS		yes, from Who's Who in Idaho.	Buried in Mount Olivet Cemetery, Salt Lake City, Utah	photo	1872-1952	Member ASCE. Born in Massachusetts, Morgan grew I up in New York and graduated from Cornell University in Civil Engineer in in 1893. He was an engineer for the Boston subway system and married Isabel Dame in 1898, and they raised five daughters in Salt Lake City, Utah. Morgan worked on various projects in Utah and neighboring states as an engineer, overseeing the construction of dams, tunnels, canals, pipe lines, mines, power plants and other projects.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He was a Member of the American Society of Civil Engineers and worked as a U. S. Deputy Mineral Surveyor in Utah, Idaho, and Nevada. He became State Engineer for Utah from 1923-32. He published a volume of poetry and died in Salt Lake in 1952. His daughter, Isabel, married Philip La Follette who would become a two term Governor of Wisconsin in the 1930's.
Baker, Darius Fred	Contract 18	1870	USDS		yes, a short one from book	Buried in Pioneer Cemetery, Boise, Idaho, Block 2, Lot 6, Space 7, next to his second wife	photo	1842-1927	Born in New York, Darius lived in Boise from 1867-1927. After serving in the Civil War for four years, he crossed the Oregon Trail to Boise in 1865. In 1870 he was living in the house of Surveyor General, Lafayette Cartee, where his sister was keeping house as the sister-in-law of Lafayette Cartee. This would also make Darius Baker a relative of Cartee. Also living in the house were Peter Bell and Allan Thompson.
									Darius was a chainman on the first Contracts of Peter Bell beginning in 1867. He received Contract 128 in 1870 from Cartee for 8 townships and surveyed the exteriors only for six of them. Two more Contracts were awarded to him in 1883 and 1884 for 18 townships, and he surveyed about half of them, using fairly consistent small crews. He was an assistant surveyor, government storekeeper and gauger, and County Treasurer from 1875-1885. He was then appointed Court Crier in the Federal Court, which he held for 40 years.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Baker, Henry Franklin	Clerk	1883	Dr/Clerk			Buried in Madronia Cemetery, Santa Clara, California, Plot 29 10, No.4, South End	photo Gps of tombstone by Jerry Olson from Billion Graves: 37°15'10.4" 122°02'12.6" ± 20 ft.	1835-1919	Born in Kentucky, Henry F. Baker was a draftsman in the Idaho Surveyor General's Office from at least June, 1883 to June, 1885. No individual yet can be identified for sure as that Henry Baker. One candidate was a teacher and principal near Hailey, Idaho from 1886-1901. He had been a principal in Nevada since 1880. Another candidate was born in Iowa, was a printer for the Statesman in Boise from 1880-1882, and moved to Hailey at that time to continue as a printer. There was an H F. Baker, advertising as a consulting mining engineer in Boise in 1883, details unknown. Also an H. F. Baker was advertising in Boise as a mining engineer out of San Francisco in 1880. The last two engineers are the same person, and this biography is based on that choice.
									Henry was born in Kentucky in about 1835. He showed up in Stockton, California in 1875 as a Clerk, and was an engineer in San Francisco in 1880. About that time Henry formed a partnership with James H. Crossman as Mining Brokers, advertising at least in Boise. Henry was listed as a C. E. and Mining Engineer, and the group claimed worldwide influence and abilities. Henry was advertising his own consulting business in mining in Boise in 1883. The partnership apparently fell apart, and Crossman teamed with a new partner. Crossman probably suffered losses in the Panic of 1893 and committed suicide in San Francisco in 1894.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Henry apparently dabbled in mining properties while in Idaho, and was a civil engineer in Salt Lake City in 1900. He was in Santa Clara, California in 1910, living on his own income, and died in Santa Clara in 1919. His Find a Grave website gives him the title of "Colonel" for unknown reasons".
Baker, Marie L. Mrs.	Clerk	1883	Dr/Clerk			Buried in Madronia Cemetery, Santa Clara, California, Plot 29 10, No.2, South End	Buried in Madronia Cemetery, Santa Clara, California, Plot 29 10, No.2, South End	1848-1925	Listed as born in New York in the 1883 Register, Marie L. Baker was probably the wife of Henry F. Baker. His wife was listed as Mary Baker from New York in San Francisco in 1880, M. L. Baker from New York in Salt Lake City in 1900, and Mary L. Baker from New York in Santa Clara, California in 1910. She was noted in the Register of 1883 as a Clerk, but not in 1885, and her term as a Clerk was approximately concurrent with that of Henry. Henry and Mary were in Boise from at least 1882-1886. They were in Salt Lake City in 1900 and Santa Clara, California in 1910. She died in Santa Clara in 1925, listed as Marie L. Baker, the husband of Henry F.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Baker, Thomas T.	Mineral Surveys	1901	USDMS	photo	yes, from The Madisonian, Virginia City, MT, 3 May 1906. "A History of Montana, Vol. II," 1913	Buried in Mount Moriah Cemetery, Butte, Montana, Block L., Lot 9E, Grave 1	photo Gps of Temporary Marker by Jerry Olson from Billion Graves: 45°59'14.5 112°32'31.3 ± 10 ft.	1840-1906	Member AIME. Born in West Virginia, Thomas enlisted in the Civil War at a young age and came out as a Second Lieutenant. He graduated from Iowa College in 1874 and taught school at the institution for two years. He came to Virginia City, Montana in 1875 and taught school there for two years. In 1877, he moved to Butte and opened a practice in surveying and civil engineering, serving one term as Silver Butte County Surveyor. He continued surveying there until he died in 1906. He was noted as a giant of a man, over six feet, built like an athlete
Balcom, William A.	Mineral Surveys	1887	USDMS			Buried in Roselawn Cemetery, Pueblo, Colorado	photo	1860-1931	Born in Illinois the nephew of the chief engineer of the Illinois Central RR, William was attending Illinois Industrial University in 1877. By 1880, he was working in the office of a railroad in Illinois, living with his mother and siblings, William briefly moved to Crested Butte, Colorado in 1881 and formed a partnership in surveying and engineering with W. H Graves. They were also officers of a Trust Company. He lived in Flint, Idaho in 1887 when he was bonded as a USDMS in Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									William was a civil engineer with the Denver and Rio Grande RR in 1888 when he married Edna J. Wildman in Indiana. She died in 1893. In 1900 he was a Division Engineer of the Denver and Rio Grande RR, living with his mother and sister in Denver. He was still with the RR in Pueblo, Colorado in 1910, living with his spinster sister. Continuing as a civil engineer with the RR, he was in Pueblo, Colorado in 1920 and 1930, living with two sisters. He never remarried, and died in Pueblo in 1931. Edna's remains had been moved to Roselawn Cemetery in Pueblo to be beside William.
Balcom, William A.	Mineral Surveys	1887	USDMS			Buried in Roselawn Cemetery, Pueblo, Colorado	photo	1860-1931	Born in Illinois the nephew of the chief engineer of the Illinois Central RR, William was attending Illinois Industrial University in 1877. By 1880, he was working in the office of a railroad in Illinois, living with his mother and siblings, William briefly moved to Crested Butte, Colorado in 1881 and formed a partnership in surveying and engineering with W. H. Graves. They were also officers of a Trust Company. He lived in Flint, Idaho in 1887 when he was bonded as a USDMS in Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									William was a civil engineer with the Denver and Rio Grande RR in 1888 when he married Edna J. Wildman in Indiana. She died in 1893. In 1900 he was a Division Engineer of the Denver and Rio Grande RR, living with his mother and sister in Denver. He was still with the RR in Pueblo, Colorado in 1910, living with his spinster sister. Continuing as a civil engineer with the RR, he was in Pueblo, Colorado in 1920 and 1930, living with two sisters. He never remarried, and died in Pueblo in 1931. Edna's remains had been moved to Roselawn Cemetery in Pueblo to be beside William.
Baldwin, Layton Samuel	Mineral Surveys	1902	USDMS		see Jerry Olson, from obituary	Died in Boise, Idaho, buried in Morris Hill Cemetery, Boise, Idaho. Plot: Block C, Lot 83, Space 1.	See Jerry Olson Gps of Gravestone from Google Earth by Jerry Olson: 43°56'36.0" 116°13'54.7" ± 20 ft.	1837-1906	Idaho PLS No. 12. Layton was born in New York, and served as a Captain in the 10th New York Calvary. He was dishonorably discharged in 1863 after he was found to have rendered fraudulent accounts as adjutant. Layton married Helen Sturdevant Snyder in New York in about 1862, and they had 8 children. After the war, he was engaged in civil and mining engineering in the coal fields of Pennsylvania before coming West. He was a coal operator in Mahanoy City, Pennsylvania in 1880 with the younger children. From 1889-1901, Layton surveyed 180 Mining Claims and one Contract out of Ruby in Okanogan County. Baldwin was listed as an attorney in Ruby, WA, in about 1890 and won at least one election for County Surveyor at that time. He qualified for an Invalid Pension in 1891 at age 54.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Layton was rooming with his son, Irwin in Okanogan in 1900. He had a placer claim above Conconully with others, but moved to Boise in 1902 where he worked as a Civil and Mining Engineer in partnership with his son. His wife was living in Wyoming in 1900 with her sister and only Layton and Irwin were in Boise. He surveyed 13 Mining Claims in Grant and Malheur Counties in Oregon in 1903 and 53 Mining Claims in Idaho out of Bloise in 1902-06. USDS Arthur B. Clark and his son, Chester were crewmen for several of the surveys. Layton died in 1906 of a heart attack while surveying a Claim at Idaho City. Post to WA and OR.
Baldwin, Leighton Irvin "Irvin"	Mineral Survey	1906	USDMS		yes, from mining journal	Buried in Pioneer Cemetery, Boise, Idaho, Section 6, Lot 27, grace7	photo of gravesite No Marker Gps of gravesite by Jerry Olson from Cemetery records 43°30'40.2" 116°11'19.9" ± 10 ft.	1863-1925	ID PLS 110. Born in New York, the son of Layton S. Baldwin, Irvin was living with his mother and grandparents in Castile, Wyoming in 1880. He was listed as a mining engineer with his father in Okanogan County, Washington in 1900, where he had at least one Mining Claim near Conconully. Irvin was the engineering partner of his father in Boise in 1906 in the year when his father died and when he married Mae Moss Richardson. From 1910-16 he performed 13 Mineral Surveys near and Northeast of Boise and served as Boise City Engineer for several years. He was an unemployed civil engineer in Boise in 1920 with his wife and son.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Irvin moved to Salt Lake City in 1922 to work as a mining engineer, and died in Portland, Oregon on a business trip in 1925. His wife Mae remarried and died in 1937, but was not interred for 67 years. Her ashes had been in the basement of a funeral home for that time, but is now interred in Pioneer Cemetery near Irwin and her parents.
Baldy, Milton Lightner	Mineral Surveys	1907	USDMS			Hollywood Forever Cemetery, Hollywood, CA, Section 10	photo	1866-1916	Born in Pennsylvania, Milton was with his family in St. Paul, Minn. from at least 1885-1895, working as a clerk, and he married Sarah Irene Talman there in 1900. He worked in South Dakota in 1900 as a surveyor, and then was Spokane County Surveyor from 1907-1908. He surveyed 12 Mining Claims in Washington near Enterprise Valley in 1907. Also in 1907-08, Milton surveyed 9 Mining Claims in the Idaho Panhandle. As an engineer from Spokane, he surveyed a RR up the White Salmon River in 1909, and was in Portland in 1910 in private practice.
									Between 1910 and 1914, Milton and Sarah were divorced, after having no children, and Sarah remarried. Milton was indicted in Multnomah County, Oregon in 1911 for writing a bad check. He was the surveyor of a rural subdivision in Douglas County, Oregon in 1911, and died in Los Angeles in 1916.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Ball, George W.	Special Instructions	1892	SES USDMS	see Jerry Olson		Died in Boise, Idaho, buried in Morris Hill Cemetery, Plot B-57-2	Gps of grave site from Google Earth: 43°36'37.2"N 116°13'57.3" W ± 10 ft.	1850-1919	Idaho PLS 6. Born in Connecticut, George was educated in civil engineering in Colorado. He first worked in Pueblo, Colorado on the sewer system, sidewalks, and a viaduct, before coming to Boise in 1888. He was elected Ada County Surveyor at Boise in 1893. Beginning in 1892, he was a Special Examiner of Surveys in Idaho, continuing in that for five examinations through 1893, in addition to ten examinations in 1898 and two in Oregon in 1898.
									George also began as a U. S. Mineral Surveyor in Idaho in 1896, and continued until 1905. He received Contract 190 in Idaho in 1900, when he was listed as a civil engineer in Boise. He surveyed five Mineral surveys in Idaho from 1896-1905. He formed an engineering partnership with Elmer Forshay in 1907, who had recently been in the Surveyor General's Office. He ran for County Surveyor twice more, success unknown, and was considered for Idaho Surveyor General in 1908. It appears George never married, as he maintained a practice of civil engineering, drafting and photography in Boise until he died there in 1919 of bronchitis. He had wintered in California and Arizona in 1914-17 for health reasons.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Ballard, Charles Henry "Charlie"	Mineral Surveys	1891	USDMS	see Jerry Olson	see Jerry Olson	Died in Wenatchee, WA,, buried in Evergreen Washelli Memorial Park in Seattle with his wife Anna. Section OL2, Lot 203E	See Jerry Olson Gps of tombstone by Jerry Olson: 47°42'38.35" 122°20'23.82" ± 11 ft	1857-1934	Charles was born in Roseburg, OR as the younger half-brother of William R. Ballard. The family moved to Auburn, WA by 1870, from which both he and William studied civil engineering at the University of Washington. He went first to Butte, Montana, and then to the Okanogan in 1886. While a probate judge, he surveyed the townsite of Chelan in 1886, and then Loup Loup City and Swansea in 1892. He created a great map of all the mines along Salmon River in 1888, and at some time near 1890 was Okanogan County Surveyor. In 1895 he surveyed and built a road over Harts Pass from the Methow River to the Slate Creek Mining District. Ballard was the engineer of the Palmer Mtn. tunnel in 1896. Between 1888 and 1910, he surveyed 68 mining claims, mostly in Okanogan County, and in 1898 went to the International Mining Congress in Salt Lake City. From 1910-11 he was in Seattle, surveying plats and in 1914 was a mineral surveyor in Alaska. He was the principle owner of the Azurite Mine in the Slate Creek District and hauled gold out of it from at least 1930-1934. He and Anna were living in Twisp in 1920 and 1930, and he died in Wenatchee. Charles was the namesake of Mount Ballard in the Slate Creek Mining District and the namesake of the Ballard Campground on the Methow River on the road to Harts Pass. (biography)

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Ballard, Samuel Milroy "Roy"	Special Instructions	1910	USDS HES			Buried in Cloverdale Cemetery, Boise, Idaho	photo Gps of Gravestone by Jerry Olson from Billion Graves: 43°37'07.7" 116°19'53.7" ± 20 ft..	1881-1942	Idaho PLS. Born in Indiana, Samuel attended the University of Indiana from 1900-1901. He married a teacher, Ruth Hannah Paull, in Wisconsin in 1907, and they had one son that was born 10 years after their marriage. Samuel lived in Challis, Idaho in 1910 as a surveyor and showed up in the census of Utah in the same year in Salt Lake, also as a mining engineer. Samuel lived the rest of his life in Boise as a mining engineer with Ruth and their son. He surveyed 5 Homestead Entry Surveys from 1910-13 and 5 Mineral surveys from 1911-1915 in the Direct System, all in Idaho. He died in Boise in 1942. Ruth was a Case Worker for the State Department of Public Assistance. in 1941.
									Samuel wrote at least two books on the geology of Idaho for the State Bureau of Mines and Geology in 1928 in conjunction with the University of Idaho., He listed the Secretary of the Department as co-author.
Barber, Amherst Willoughby	Special Instructions	1896	SES USDS	See Jerry Olson	See Jerry Olson, from book: Go To: http://www.ols.onengr.com/download/globios/barberamherst_wbio.pdf	Arlington National Cemetery, Washington D. C., Section 13, Site 5484-6.	photo Gps of tombstone from Cemetery Records by Jerry Olson: 38°52'44.9" 77°04'28.8" ± 7 ft,	1841-1920	Born in Vermont, Amherst was nominated for West Point twice, but not selected. His older brother, Augustus, was a U. S. Deputy Surveyor in Wisconsin, and another older brother, Joel Allen, was in the Wisconsin State Legislature. Augustus also had interests in copper mines and drowned in the Montreal River in 1856. Amherst ended up in Wisconsin, and enlisted in the Wisconsin Infantry, serving for the duration of the War.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>After the war, Amherst studied law, worked as a U. S. Deputy Surveyor, owned a newspaper in Yankton, Dakota, served as a clerk in the Treasury Dept. in Washington, D. C. from 1877-79, and became a Yankton County, Dakota Territory Superintendent in 1880. In 1885, he was a GLO Surveyor in Colorado and became embroiled in a dispute with the corrupt S. G. Office there at the time. His survey was suspended, and he countered by having a letter of his published in the Congressional Record as part of the Benson investigations. He pursued the issue for 34 years, and finally received his extra money in 1919, the year before he died. Ambrose next was a surveyor of jetties for the Corps of Engineers in Florida.</p>
									<p>By 1893 he was a Clerk in the General Land Office in D C., a Special Agent for the GLO in Oklahoma in 1895 in a survey of the "neutral strip", and was an Inspector in Florida. He made a survey in Idaho under Special Instructions in 1898 from the Commissioner to survey damages on the Idaho/Canada Boundary. In 1901 Barber performed a Special Survey for the GLO in Michigan. In 1903 he was named a Special Examiner of Surveys, and Barber was the government surveyor for the prosecution in the Puter land fraud trial in 1904 in Oregon. He did 11 examinations in Washington, 1 in Idaho in 1896, and one in Oregon in 1903. In 1907 he surveyed 55 islands in Vilas County, Wisconsin for the government.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Amherst was the author of the 1902 "Manual of Surveying Instructions", written while a Clerk at the Washington, D. C. office of the GLO, a position he held until at least 1910. While a Clerk, he critiqued the notes and plats that came in, including the controversial ones from the rival USGS from the Fairbanks Meridian and Baseline in 1910. He severely criticized the work and editorialized on the notes.</p>
									<p>During the time he lived in Washington, D. C., he was: Author of "The European Law of Torture.", published in 1894; Author of "The Benevolent Raid of General Lew Wallace, How Mexico was Saved" in 1864, "The Monroe Doctrine in Action", 1914; author of "My Brief Statement of Official Wrong Continued Thirty Years, Who Perpetrated It?", published by Beresford, Washington, 1919; author of "Light on the Origin of American Rectangular Surveys.", 1918; author of "Okonook, Idaho, to Francis Hodgman, Letters: 1899-1901." He died in Washington, D. C. and is buried in Arlington National Cemetery. (biography) See WA GLO Surveyors for the maintained version of this information.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Barker, John Westbrook	Clerk	1907	Dr/Clerk			Buried in Red Beach Cemetery, Calias, Maine		1882-1967	<p>Born in Nebraska, John grew up on a farm there before moving to Meridian, Idaho with his family by 1900 while still a student at age 18. He was a Stenographer-Typewriter in the Surveyor General's Office of Ernest G. Eagleson in 1907. John was working on a farmer in Lassen county, California in 1910 and was an assistant U. S. Attorney in Fairbanks, Alaska in 1912. He lived in Buhl, Idaho before he enlisted in the U. S. Army as a Major from 1917-1919. After he was discharged, he worked on a farm in Twin Falls before married Jeanne Briar of France in Reno, Nevada in 1920.</p> <p>By 1930. John had one son and was living in Oklahoma as an attorney for the insurance industry. He worked in that industry in various locations in Connecticut, Massachusetts, and Maine until he retired. The choice of this John Barker is by limited choices, proximity, and capability.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Barry, John P.	Clerk	1892	Dr/Clerk			last in Idaho		1854	Born in Oregon, the son of a merchant, John was in Idaho City by 1870 with his family and was at home and still in school there in 1880. John was a Transcribing Clerk in the Surveyor General's Office of Willis Pettit in Boise in 1892 and an assistant melter in the Boise Assay Office in 1895. He enlisted in the service in the Spanish/American war in 1898 and served as a Regimental Hospital steward until 1899. John was a salesman in in a bookstore in Boise in 1900 and was single and living with his sister's family in Boise as a manager of a renting company in 1920. It appears he never married.
Bates, Thomas Walter "Walter"	Contract 319	1909	USDS			Buried in Pioneer Cemetery, Boise, Idaho	photo	1884-1929	Born in Utah, Thomas was in Idaho living with his family by 1900, and still in school at age 16. His father was a miner and railroad promoter. Thomas received Contract 319 in 1909 for one township and a portion of the 1st Standard Parallel North, Southeast of Rexburg. He was listed as a government Surveyor in 1910, living with his mother in Boise. Thomas soon went to work for the Direct System in Idaho and Washington, beginning with Group 6 in 1911. He continued at that until he died of a ruptured stomach ulcer at age 45 in 1929, still living with his mother.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Baxter, James	Mineral Surveys	1875	USDMS	yes	yes, long one in History of the State of Idaho	Buried in Pioneer Cemetery, Boise, Idaho	photo	1834-1904	<p>Born in England, James immigrated to the US. in 1841 with his family, where they lived in New York at first, and then New Jersey. James attended the public schools and then Columbia University, where he graduated as a mining engineer. James married Amanda Langwith in New Jersey in 1854, and they ultimately had 8 children.</p> <p>Along the way, he worked as a machinist for the Rogers Locomotive Company and in 1856 went to Chili for three years for the Southern Railroad. James returned from Chili and bought a mine first in North Carolina and then Colorado. In 1861, James sold all his property and joined the New York Regiment of Engineers, working up in rank from Corporal to Captain.. His last assignment was on the staff of General Gilmore, and he mustered out in 1864. He was wounded several times, the last time breaking a hip at Fort Johnson, South Carolina.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									After he recovered, he went to Colorado and then South and Central America to operate mines. He ended up in Idaho by 1874, where his daughter Joanna died in 1877. He was a Mining Engineer in Atlanta Mining Camp, Idaho in 1880 and went to Mexico in 1883, where he engaged in constructing a smelter and a railroad. James moved to Boise in 1892 and established a foundry and machine shop under the name, Boise Iron and Reduction Works, used to build quartz mills. He was living in Evanston Illinois in the 1890's where he was representing mining companies as a mining engineer and general manager. James returned to Boise by 1900 as a mining engineer. He died in Boise in 1904.
Bedolfe, Maitland Henry	Mineral Surveys	1898	USDMS			last in California		-1925	Born in England the son of a minister, Maitland immigrated in 1873 to the US., and was a surveyor in Golden City, California in 1880, where he had just married California native, Sarah Hanley. He was in San Francisco in 1886, Utah in 1887, Latah County, Idaho in 1889-94, and was bonded as a USDMS in Idaho on 12/20/1898, when he lived in Centerville, Idaho. While there, he assisted James M. Morrison in the design and survey of eight miles of flume and a long pipeline that was used to drive a pelton wheel. Maitland was a civil engineer in Tacoma from 1897-1903, a civil engineer for SPRR in Lane County, Oregon in 1910, and the same in Oakland, California in 1920. He died in Merced in 1925.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Bell, John D.	Clerk	1899	Dr/Clerk			Buried in Morris Hill Cemetery, Boise, Idaho	photo	1865-1955	Born in New Hampshire, the son of a physician, John graduated from Dartmouth. He was living at home in New Hampshire in 1880 and lived in Yakima, Washington in 1889 where he married Mary Ann Bond. By 1898, he was a Copyist in the Surveyor General's Office of Joseph Perrault, and in 1903 was a Stenographer and Typewriter again for Perrault. He continued as a Computer for Ernst Eagleson in 1903 before being promoted to Chief Clerk for Darwin Utter from at least 1905-1910.
									John was still noted as a Clerk in the Land Office in Boise in 1913. John was doing clerical work in 1916 and was a bookkeeper for a bakery in 1920. He took a position as a Professor of French in 1922 for the College of Idaho in Caldwell, continuing until at least 1940.
Bell, Peter Wilson "Wilson"	Contract 1	1867	USDS			Died in Ceres, Pennsylvania, buried in Evergreen Cemetery, McKean County, Pennsylvania	see Jerry Olson	1828-1910	Wilson was born in Pennsylvania, and came to Oregon by 1859 when he was a compassman for his brother-in-law, La Fayette Cartee. When La Fayette moved to Idaho in 1862, Wilson followed him, and was elected to the Idaho Territorial Legislature. When La Fayette became Idaho Surveyor General in 1867, he chose Wilson for Contract Number 1 to set the Initial Point. Under that Contract in the Spring of 1867, he also ran the Baseline West almost to Oregon, the Baseline East for 102 miles, the 1st Standard Parallel South West for 36 miles, and the Boise Meridian South for 102 miles. He was stopped to the South short of the State Line by the flooding, raging Owyhee River.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Wilson's sister-in-law, Henrietta Bell, was taking care of the Cartee children after their mother, Mary Bell, died in 1862, and Wilson and Deputy Surveyors Allen Thompson and Darius Baker were living in the Cartee house in 1870. Allan Thompson was awarded Contract 2 to run the Meridian North and run two Standard Parallels. Allan was the Notary for part of the Meridian South, and may have helped run one crew for a portion. Future Deputy Surveyor Darius Baker, Henrietta's brother, was a chainman on most of the early work for Wilson. Wilson received Contract 4 two months later for the exteriors and subdivisions of 20 townships along the Snake River generally East of Boise. Contract 6 came in 1868 for four townships near Boise followed shortly by Contract 8 for one township that had been part of Contract 4.</p>
									<p>Contract 9 in 1868 was for the exteriors of 33 townships generally South of Boise, and the subdivision of three townships somewhat near Boise. Contracts 12 and 13 in 1869 were for the first 164 miles of the 1st Standard Parallel South East and the whole 294 miles of the 2nd Standard Parallel South East to the State Line. Contract 15 was for seven townships near Boise, 4 of which were surveyed in the Winter of 1870, and the other three were postponed to another Contract. Contracts 19 and 22 were for 24 townships in the valley near Boise, and were surveyed in 1870.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									His last Contract in 1872 was for 14 townships along the Snake River between Twin Falls and Burley. Wilson ran for Ada County Surveyor in 1868, 1869, and 1870, and was probably elected. He surveyed Pioneer Cemetery in downtown Boise in 1872, and had obtained a passport in 1871 for some reason. He was in Lewiston, Idaho in 1880, in Nez Perce County in 1885, and was a surveyor in Lewiston, Idaho in 1900. Wilson lived with a sister in his home town in Ceres, Pennsylvania in 1910, just before he died. He never married.
Benson, John Adelbert	Contract 84 (under the name of John L. McCoy)	1880	Rep USDS	see Jerry Olson		Died near Oakland, CA, buried in Saint Marys Cemetery, Oakland, California. Section I, Row 1, Plot 2, Grave 4.	See Jerry Olson Gps of tombstone by Jerry Olson from Google Earth: 37°50'02.2" 122°14'42.2" ± 50 ft.	1846-1910	John Benson was head of the Benson Syndicate, a fraudulent crime organization that perpetrated fraud on the General Land Office from 1883-1886 in Washington and Idaho, and from 1875-1888 in other western states. John was a legitimate U. S. Deputy Surveyor in 1873-74 in CA, and soon started doing fraudulent surveys. He bribed Surveyor Generals, Congressmen, GLO officials, examiners, and judges to cover up his crimes.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>At one time it is reported that John had up to 60 employees involved in the field and office. He avoided conviction of these crimes on technicalities, bribery, and with political pressure. These surveys covered about 118 townships in Washington and at least 48 townships in Idaho. John is said to have netted \$2,000,000 from fraudulent surveys in the ten states. The fraud was bad enough in its effect on public expenditures, but the biggest costs were with the fraudulent surveys that were created. Surveyors and landowners have been trying to determine boundaries relying on fictitious notes and plats for over 100 years. The BLM never did resurvey many of these townships, even though they knew they were fraudulent.</p>
									<p>John was born in Jefferson County, New York, and graduated from Warren Collegiate Institute in Illinois in about 1866. He was elected Keokuk County Surveyor in Iowa and served for 5 years before moving to California, initially to teach school. He married in Iowa in 1866. He was awarded his first Contract in 1873 for \$1814, and later the GLO would question all of his surveys as suspect. His brother William was a Deputy Surveyor in California in 1880, and John was a delegate to the National Republican Convention in 1880.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>John was the victim of an assassination/shooting in 1885. He was in his office in San Francisco, when an engineer and acquaintance from Wyoming by the name of Charles W. Brown entered. He locked the door behind him and told Benson "I'm in trouble with a woman and need your advice." Benson had another appointment, and rose to leave, saying that he would be back. Charles came up to Benson, shooting him by grazing his neck. Benson grabbed Charles and in the scuffle, John was shot through the cheek, a serious but manageable wound. They continued scuffling, with three more shots fired, at least one a self-inflicted wound to his own temple by Charles. Charles then started slashing his own throat, and died about the time help arrived in the room. Apparently Benson owed Charles a sum of money, about \$5400. Benson had been unable or unwilling to pay.</p>
									<p>An honest Commissioner of the General Land Office was appointed in the person of William Sparks in 1885, and he sent a series of investigators to California to examine surveys of the Syndicate. They were bribed, politically dismissed, and sent back to Washington. They did accumulate enough evidence to indict Benson and all his crew in 1887. Corrupt prosecution, legal maneuvering and political intervention prevented any convictions from sticking. In 1895, Benson and his crew were even paid for the fraudulent surveys that were examined and challenged, and the whole case was closed in 1898.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Syndicate members continued to receive Contracts in California, and John went on to forest land fraud schemes. He was indicted for fraud with school lands and for bribing a federal official in 1903. The bribery indictment was appealed all the way to the U. S. Supreme Court in 1904 on jurisdictional issues with Benson losing there. For crimes of land fraud of 12,000 acres in Tehama County, California, he was convicted in 1907 and sentenced to 10 years in jail. That case was decided in the Ninth Circuit Court of Appeals in March, 1909. John was sentenced to a year in the Alameda County Jail, was released on May 9, 1910, and died the next day driving to his ranch near San Ramon.</p>
									<p>His first wife lived with her sister in San Francisco in 1910, lived with her son Ernest in 1920 and 1930, and died in 1935. John had divorced his first wife in 1878, but may have lived with her sometime after that enough to establish a common law relationship. He remarried to Grace Gates later, and the two wives fought over his estate, meager as it was. His will left all but \$500 to Grace.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Birdseye, Joseph Warren "Warren"	Mineral Surveys	1890	Dem USDMS USDS			Died on his farm near Salmon, Idaho. Listed on Find a Grave as buried in Connecticut, but there is no evidence he is there. Buried Union Cemetery, Stratford, Connecticut	photo	1831-1901	<p>Born in Connecticut, Warren was living with his mother and siblings in Huntington Connecticut in 1850. His father had recently died, and they were living near the relatives of his mother. Joseph married Mary Jerusha Johnson in Connecticut in 1859, and they soon had a daughter. They were living in Brooklyn, New York from 1865-75, where he was a coffee and spice dealer. Warren was in Salmon, Idaho involved in Mining in 1880, and lived near there the rest of his life. He was elected Idaho Speaker of the House from 1879-80. That Legislative Session was deadlocked in the House, and took 24 days to organize, leaving only 16 statutory days to complete their business. Warren was Lemhi County Surveyor in 1881-85 and continued at that all or part of the time until he died.</p> <p>The GLO acknowledged him as an active Mineral Surveyor in 1891, living in Salmon City, Idaho. Warren surveyed 22 Mining Claims in Idaho from 1891-1900, and served as a Commissioner and Chief Engineer of the State Wagon Road from 1893-94. He was listed as a surveyor in Salmon in 1900 and surveyed the Gibbonsville townsite in 1898. Warren may be the namesake of Birdseye Creek West of Salmon. He died at his home on Big Flat, near Salmon, in 1901.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Bishoprick, Frank	Clerk	1897	Dr/Clerk			Buried in Wyedale Union Cemetery, Wydale Ontario, Canada	photo	1863-1928	Born in Canada, Frank came to the U. S. in 1880 and lived in Idaho by 1897 when he was noted as a Transcribing Clerk in the Surveyor General's Office of Joseph Perrault. By 1900 he was in Skagway and in Fairbanks in 1910, both times as a merchant.
Blossom, David Henry	Mineral Surveys	1902	USDMS	yes		buried in Mt. Olivet Cemetery, Salt Lake City, Utah, U_77_6	photo	1872-1957	Born the son of a farmer in 1872 in Vermont. David graduated from high school in Granville, New York, where his family had moved before 1892. He graduated from Middlebury College in Vermont, and then attended MIT to study Civil Engineering for one year in 1896-97. He received Joint Contract 219 in Utah in 1899 as a U. S. Deputy Surveyor in Utah in 1899 for five townships with Alfred B. Lewis. David surveyed one Mineral survey in Idaho in 1902 in the very Southeast corner of the state and was living in Salt Lake City.
									David was a draftsman in the Utah Surveyor General's Office in Utah in 1903. He listed himself as a civil engineer in canal construction in 1910 in Danielson Springs, Idaho and was the City Engineer of Salt Lake City in 1912. He reported to MIT that in 1915 he was the General Manager of American Falls Canal and Power Company, working out of Salt Lake City. David married Florence S. Snevely in Salt Lake City in 1931, and they had no children. She was a University of Washington graduate and former college instructor. He was either an engineer or manager of canal companies out of Salt Lake City until near his death in 1957.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Bonser, Robert C.	Contract 195	1898	USDS	see Jerry Olson	Obituary, copyrighted.	Buried in Fairview Cemetery, Scappoose, Oregon	Photo	1859-1941	<p>OR PE 103. Robert was born in Oregon, the son of a farmer, and raised on Sauvies Island, near John A. McQuinn, his uncle. He attended school in Portland and graduated from Portland Business College in 1881. He studied civil engineering under William Gilbert, and in 1887 joined the firm of McQuinn and Hurlburt, surveying railroads and subdivisions. He was an axeman for John McQuinn in 1887 at Warm Springs and a chainman for engineer Eugene Schiller in 1896 at Wallowa on Contract 648.</p> <p>Robert received Joint Contract 667 in 1897 with William C. Elliott for two townships in Northwestern Oregon. They shared the work with each surveying one township. They were examined in 1898 by David Kinnaird and in 1900 by William Lightfoot. He received two Contracts in the Idaho Panhandle in 1899, one a Joint Contract with 21-year-old Frederick Riem in the far Northern Panhandle. They shared the work and used Fred's brother as a chainman. H also had a Joint Contract with James H. Robb in the Clearwater Valley in 1901 for seven townships, and they shared the work.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Robert was given a survey in Oregon as Compassman to correct a survey by Samuel Lackland that had been surveyed some three years earlier. Robert resurveyed about three Sections in the Northwest corner of T27S R9W in Oregon, noting the corners in error by Lackland, and setting new ones. Robert formed a partnership with Philo Holbrook in 1902, until Philo was elected Multnomah County Surveyor in 1905, at which time Robert became Deputy County Surveyor. He continued at that until elected County Surveyor in 1914, a position he held until 1933. Robert lived in Portland from at least 1889-1933 and married Minnie Preston in 1898. He was always a civil engineer or surveyor.
Booth, Arthur Allen	Mineral Surveys	1898	USDMS			Died in Long Beach, CA, buried in Forest Lawn Memorial Park, Glendale, California. Plot: Tranquility, Map G01, Lot 1272, space 7, Daisy is buried in Clinton, Iowa		1858-1951	Member ASCE. Born in Wisconsin, Arthur came to the Northwest in 1879 with NPRR as an engineer. He was working as a Mining Engineer in Spokane from 1897-1907 when he surveyed 44 Claims in 1897-99 near Republic, Washington. Arthur was inactive in Washington for 4 years, and then surveyed 51 Claims north of Spokane, and one in Oregon, from 1903-1907. At the same time, Arthur surveyed 84 Mineral Surveys containing 212 Mining Claims in Idaho from 1898-1908. They were mostly in Shoshone and Idaho Counties with a few in Bonner and Clearwater Counties. While at Spokane, he filed suit claiming he was defrauded in a mining stock scheme in 1902.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He continued to live there until at least 1930, except in 1920 when he was living with his first wife in California. She died in 1922 in Spokane, and in 1923 he married Daisy Riblet, the divorced ex-wife of Royal Riblet of the Riblet Tramway Co. They travelled to Havana, Panama, and Europe from 1928-1930. Arthur was a director of several mining corporations, and died in Los Angeles, preceded in death by his wife Daisy by two years.
Booth, Albert Roger (Alfred?)	Special Instructions	1899	Dr/Clerk			Buried in Oak Hill Memorial Park, San Jose, California, Section H., Wife Suzanah Has a monument.		1838-1906	A. R. Booth was born in Clement, Michigan and attended Kalamazoo college in 1852-53. he lived in The Dalles, Oregon by 1858 and in Idaho by 1870 when he dissolved a partnership with H. P. Isaacs at Oro Grande (Loon Creek). He was also listed as a merchant in the census as born in Michigan. J. B. Wickersham appointed A. R. Booth as Deputy Clerk for the Second District Judicial Court at Oro Grande in 1871. A. R. Booth served 19 days as a Clerk to Surveyor General, Lafayette Cartee, and was noted as born in Ohio. He was a druggist with J. A. Rupert at Oro Grande in 1875 and became a physician by 1875. He lived at South Mountain, Idaho and helped plan a Centennial of the of July 4th Celebration in 1876.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Sometime before about 1876, he owned a drug store in Boise, and that would have given him the opportunity to work in the Surveyor General's Office for a few days. A. R. left Idaho in the late 1870's and went to California, probably following Susanah Call, who had recently become a widow with two children. They married in Elko, Nevada in 1878, where A. R. had owned a nearby pharmacy. They had two children on their own. A. R. sold the pharmacy and they moved to San Louis Obispo, California where Susan's family resided. He was a druggist, born in Michigan, in Paso Robles, California in 1889 and worked in Real Estate for several years thereafter. This might be two people since the Register in 1873 noted he was born in Ohio. There were no other individuals named A. R. Booth in Idaho found in the records.
Booth, Clarence Morton	Special Instructions	1909	SES		yes, from History of Idaho, 1914	Buried in Evergreen Memorial Park, Tucson, Arizona	photo	1880-1935	Clarence was born in Indiana, and began working for the Big Four RR after high school. He secured a job with the Department of Justice in Washington, D. C. He attended Georgetown while in D. C. and graduated in law in 1906. Clarence then worked for the Department of the Interior in the Pacific Northwest, locating in Boise as a Special Agent in 1909. He resigned his government job in 1911 and started a law practice in Hailey. He relocated to Twin Falls after six months

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Bossert, Otto Heinrich "O. Henry"	Mineral Surveys	1900	USDMS			Buried in Forest Home Cemetery, Milwaukie, Wisconsin	photo	1871-1952	<p>Born in Milwaukie, Wisconsin the son of a leather trader, Otto almost always lived in Milwaukie. He graduated in Mining Engineering from the University of Wisconsin in about 1892 and was working at a mine on the Uintah Indian Reservation in Utah in 1900. He was living part time in Salt Lake City, Utah from 1900-1903, rooming at various places when in town. Otto was promoted to Superintendent of the Raven Mine in 1903. Otto was noted as a Deputy Mineral Surveyor in Utah in 1903, and had been also bonded as such in Idaho in 1900.</p>
									<p>He was back home in Milwaukie in 1910 as a building contractor, still single. His parents died in 1911 and 1913, and in 1920 Otto was at home with a brother and his younger sister Charlotte. His occupation was as a superintendent in industry. The brother died, and Otto was living with Charlotte in 1930 and 1940, apparently retired. He had obtained several passports and travelled a lot, sometimes with Charlotte. He died in Milwaukie in 1952, and Charlotte in 1947, both still single.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Bowen, Willard Eugene "Eugene"	Mineral Surveys	1891	Dem USDMS					1853-	<p>Born in Illinois, the son of the Warden of a County Poor Farm, Eugene was a salesman in Michigan in 1873 and married Mina L. Rowland in Michigan in 1877. They had one son. Eugene lived in Weiser Idaho in 1891 and was noted as a USDMS in 1892 while there, but finalized no surveys. He move to Ontario, Oregon in 1892 and started a newspaper, the Ontario News. He ran a losing battle for Malheur County Surveyor as a Democrat in 1892. He patented a new level rod with a continuous face in 1898, that had been invented while he still lived in Ontario. He moved his newspaper to Baker, Oregon in 1897 and soon suspended operation.</p> <p>Eugene and Mina had divorced by 1900, when Mina and their son were in Michigan, where Mina was working as a servant. Eugene was single and a quartz miner in the Bohemia Mining District in Oregon in 1900. Mina remarried and died in Michigan in 1920. Eugene was a laborer and servant on a farm in Saskatchewan in 1916.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Bradley, Walter A.	Contract 217 (with Herman D. Gradon)	1900	USDS		yes, from obituary	Buried in Mountain View Cemetery, Oregon City, Oregon	photo	1880-1901	Born in Oregon, the son of the Clackamas County Assessor and the nephew of USDS Herman Gradon, Walter was still in school in 1900 at age 20. A Walter Bradley was an axman for Robert Bonser and Fred Riem in Idaho in 1900. He had been working on the survey crew of his uncle for some time, and they had secured Joint Contract 217 in Idaho in November 1900 for 17 townships in the Snake River Valley. They were to start in the spring of 1901, but after a 7 week illness, Walter died in Oregon City in March of 1901 of malaria at age 21. Herman went over to Idaho in the summer of 1901 and surveyed 12 of the townships near Twin Falls , and the rest of the work was surveyed by others. When Herman came back from the survey, he was the administrator of Walter's Estate, worth \$350.
Breckon, John Thomas	Mineral Surveys	1904	USDMS	yes		Buried in Fraser Cemetery, Vancouver, British Columbia	photo	1857-1933	Born in Canada, John immigrated to the U. S. in 1883 and was ultimately naturalized. He had married Elizabeth Annetta English in 1882, and they had 6 children. John was a civil engineer in Salt Lake City in 1900 and 1910, and while there he surveyed 31 Mining Claims in Idaho. He moved to British Columbia in 1921 and worked for the City of Vancouver Engineering Department. Eventually, he became City Engineer of Langley, British Columbia until he retired. He died in nearby Murrayville in 1933.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Briggs, Edson Darwin "Joe"	Special Instructions	1889	Rep USDS USS	see Jerry Olson	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/briggsedsonbio.pdf	Died in Lewiston, ID of diabetes. Buried with his wife in Normal Hill Cemetery, Lewiston, Idaho	See Jerry Olson Gps of gravestone by Jerry Olson: 46°24'24.2" 117°01'27.2" ± 10 ft.	1850-1915	ID PLS 81. Born in Vermont in 1850, he was the nephew of Sewall Truax, with whom he had a Joint Contract in Washington by 1873, the first of several. (Sewall was his mother's brother.) Edson was educated in Vermont University in surveying and civil engineering, coming West right after school. He continued government surveying until 1882 when he was elected County Surveyor of Garfield County, serving until 1889. Edson had participated, sometimes with others, in the survey of 191 townships in Washington. He married widow Georgia Carter, a preacher's daughter, in 1880 at Lewiston, and they had two children. Edson then moved to Lewiston, Idaho by 1889, where he remained to survey allotments on the Nez Perce Indian Reservation for four years with female allotting agent, Alice Fletcher. She arrived in 1889, and hired Edson in July to be her surveyor. He began by retracing the exteriors of the Reservation and searching for corners from whatever existing surveys there were. Alice and Jane lived in the survey camp in the field most of the time, supervising the work and meeting with the Indians. She returned for three more seasons and finished in 1892.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Edson received three Contracts on the Reservation during this time, surveying townships intended for allotments. During her time, Allice received little cooperation from the local Agency Staff. In 1898, Edson was elected Nez Perce County Surveyor, and also Lewiston City Engineer. He was a GLO Surveyor in Idaho and Oregon from 1890-1902, doing occasional surveys. He died in Lewiston, ID. (biography)
Brigham, Frank H.	Special Instructions	1900	Rep SES	See Jerry Olson	see Jerry Olson, from book: Go To: <a href="http://www.ols
onengr.com/do
wnload/globios
/brighamfrankh
bio.pdf">http://www.ols onengr.com/do wnload/globios /brighamfrankh bio.pdf	Died in North Bend, OR, cremated at Portland Funeral Home and Mausoleum in Portland, Oregon. His first wife is buried in Ingleside Cemetery, Adams County, Nebraska. He is buried with his second wife at Sunset Memorial Park, Coos Bay, Oregon	see Jerry Olson	1850-1936	Born in Massachusetts, Frank received his early education there, and enlisted in the Navy in 1867. His parents had moved to Minneapolis in 1865, and he joined them in 1869, and was in the employ of the government as an engineer and surveyor for 12 years. He then went to Nebraska as a surveyor by 1876, when he married 16-year-old Isabella Flett in 1876, two months after her first child was born, who had a surname of "Corp".

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Frank remained there as a surveyor until 1888, when he moved to Spokane, and then to Pendleton, OR, where he remarried to 17-year-old Sarah Elizabeth Adams in 1891, 24 years his junior, after Isabella had died in Nebraska in 1890. Isabella is buried at Ingleside Cemetery, Adams County, Nebraska, which was the cemetery for the "Asylum for the Incurably Insane". She was listed as "patient number 88", and has no marker, as is the case with most other burials there. Some sources note that Frank sired a son by Christine Flett, the 23-year-old sister of Isabella, in 1889, that was born in New Mexico. In 1891 he was appointed Chief Clerk in the Oregon Surveyor General's Office, lasting 2 years, but in 1895, Surveyor General John Arnold reinstated him to that position.</p>
									<p>In 1897 Frank was appointed a Special Examiner of Surveys, working in Oregon, Washington, and Idaho until 1904, when he settled in North Bend, OR, eventually becoming City Engineer by 1912. Frank surveyed 25 examinations in Washington and in one in Oregon from 1897-1899. At sometime he was employed by the Mexican government as an engineer for 4 years before 1912. He had a family by both wives, and died in North Bend, Oregon. (biography) See WA GLO Surveyors for the maintained version of this information.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Britt, Richard Horn	Special Instructions	1893	Dem EX USDMS		yes, from accessgeneolog y.com	Died in Rockland, Maine		1862-1939	<p>Maine PE 336. Born in Missouri, the son of a farmer, Richard graduated from the University of Missouri in 1888 in civil engineering and entered the employ of the Northern Pacific RR as a Land Examiner. He later joined the Willamette Valley and Cascade Mountain Wagon Road, inspecting the lands from the Willamette Valley to the Snake River. He came to Boise in 1892 as a civil and mining engineer, completing 10 Mineral Surveys and one Survey Examination, until going to work as manager of the Poorman Gold Mines in Silver City. Governor Steunenber appointed him a member of the Idaho State Arbitration Board in 1899.</p> <p>He was a mining engineer in Rockland, Maine in 1911 when he married teacher Grace L. Harrington, 24 years his junior. They had two sons, with the first one stillborn. They were living in Hampton, Massachusetts from 1920-24, where Richard was the proprietor of a garage. In 1930, Richard was back in Rockland, Maine as the City Engineer. He was a consulting engineer in Rockland in 1938 and died there in 1939.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Bromwell, Charles Sumner	Special Instructions		USS	yes	yes, on Find a Grave	Evergreen Cemetery, Bloomington, Illinois.	photo	1869-1915	Born in Kentucky, the son of a State Senator, Charles graduated from West Point with honors. He was with the Army Corps of Engineers in Wyoming when he surveyed part of the boundary of Yellowstone national Park. He married Lettia G. Scott in 1896 and rose to the Rank of Colonel when he died of suicide in Hawaii in 1915.
Brooks, Charles P.	Mineral Surveys	1908	USDMS	yes	yes, a short one from book	Buried in Mount Olivet Cemetery, Salt Lake City, Utah		1851-1918	Member AIME. Born in New York, Charles graduated from the Sheffield School of Yale College in 1872. He was: in the City Engineer's office of New Haven, CT, 1872-74; Texas and Pacific RW, 1874-1915, in Salt Lake City; and Engineer for various Mining companies in Utah by at least 1880, when he was listed as a civil engineer. He married Millicent Amilia Godbe in 1876 in Salt Lake City.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Sometime about 1880, Charles formed an engineering partnership with Richard H. Browne, called Browne and Brooks, that worked out of Salt Lake City for about 30 years. This was about the time Richard married Nellie Godbe, the sister of Millicent. After three children, Millicent died in 1889, and in 1891 Charles remarried to her sister, Miriam G. Godbe. Charles was also listed with his family as a mining engineer in Salt Lake City in 1900 and 1910. Charles surveyed one Mining Claim in Bear Lake County in 1908 and 13 more there in 1910. He also surveyed 4 more Mineral Surveys in Idaho after 1910. He died in 1918 in Salt Lake City.
Brown, Amon Benjamin "Amen"	Special Instructions	1906	USS	yes		Buried in Olivewood Cemetery, Riverside, California		1882-1947	Born in Maine, Amon graduated from the University of Maine in 1907. He was an assistant engineer for the U. S. Reclamation Service in 1910 when he began the survey of Section 2, T9S R23E in the Minidoka Irrigation District. He continued making surveys for the District through 1915.. He married Mora Marie McManus in Minidoka county, Idaho in 1911, and they had three children. Amon was named Manager of the District in 1916 and was left about 1918.
									Amon was an engineer for the State Highway Department in Rupert, Idaho in 1920. and a civil engineer in Twin Falls in 1925. He would move to Riverside, California by 1930 where the census listed him as a civil engineer for the County. He was County Surveyor in 1940, deputy county surveyor in 1943 and 1945, and died in Riverside in 1947.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Brown, Robert E. Lee "Barbarian"	Mineral Surveys	1891	USDMS		See Jerry Olson, from newspaper, Go To: http://www.olsonengr.com/download/globios/brownrobertelbio.pdf	Died of T. B. in Phoenix, AZ and buried in Rosedale Cemetery, Pioneer and Military Memorial Park in downtown Phoenix, AZ.	See Joe Wilson Gps of tombstone by Joe Wilson: 33°26'48.5"N 112°05'27.2"W	1865-1902	Robert was a native of Philadelphia, Pennsylvania and was educated as a mining engineer. His father was a prominent lawyer with offices in London, Philadelphia, San Francisco, and Victoria. Robert lived in Spokane in 1898 and Wallace, Idaho in 1902 and had a wide reputation around the world as a mining engineer, travelling extensively. Robert surveyed 10 mining claims in Stevens and Pend Oreille Counties in 1889-90.
									Brown won a \$5,000,000 judgment against Transvaal, when the government revoked his title to some valuable mining property. He had obtained the rights during a land rush, when land was opened up, by using a heliograph to transmit his claims, when others were using fast horses to convey their claim to the authorities. Before that, Brown used 300 men to form a flying wedge to hurl himself to the front of the line. There were 12,000 men fighting to get in the front of the line. He successfully claimed 1000 tracts.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He was nicknamed "Barbarian Brown" for his newspaper in support of the mine owners in the mining hostilities in the 1890's. Brown set up a printing office in Coeur d'Alene, Idaho and published "The Barbarian", devoted to exposing the lawlessness of the unions. He defended the shop and paper carriers with an arsenal, including a cannon. He was 5' 8" tall, with curly brown hair and dark blue eyes. Brown died of T. B. just after arriving in Arizona, but he had been a resident of the Hoffman House Hotel in New York City. (biography)
Browne, Richard Henry	Mineral Surveys	1891	Rep USDMS			Buried in Mount Olivet Cemetery, Salt Lake City, Utah	photo	1842-1923	Born in Dublin, Ireland, Richard graduated from Trinity College in Dublin before immigrating directly to Utah in 1874 upon graduation. He was a Mining Engineer in Salt Lake City by 1880 and immediately formed an engineering partnership with Charles Peter Brooks for 30 years named Browne and Brooks. Richard married Sarah Nellie "Nellie" Godbe, 20 years his junior, in Salt Lake in 1881, and they had 8 children. Two of Nellie's sisters were married to UDSMS Charles Peter Brooks at two different times because of the death of the first sister.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Richard surveyed 38 Mineral Surveys from 1880-89 in Idaho, and one more there in 1906. Richard was listed as an active Mineral Surveyor in Idaho in 1891, living in Salt Lake City. The 1900 and 1910 Censuses also listed him as a Mining Engineer in Salt Lake, where he lived until he died there in 1923. His obituary noted that he had retired about 1908.
Bucher, Edward Verdinand	Special Instructions	1909	Rep USDS	yes	yes, from obituary	Buried in Montpelier City Cemetery, Montpelier, Idaho	photo	1846-1918	ID PLS 55. Born in Zurich, Switzerland, Edward studied civil engineering there for four years, and after graduating he surveyed in Switzerland and France. He married Ana "Annie" Fluckiger in Switzerland, and they immigrated to the USA in 1876. They came to Utah, first to Providence and then to Bear Lake County at Montpelier via a short stay in Nounan. They raised a family and spent the rest of their lives there.
									Edward was a Surveyor, serving five consecutive terms as Bear Lake County Surveyor, retiring in 1914. Annie died at Montpelier in 1910, and Edward died there in 1918 of a stroke. worked as a surveyor for Bear Lake County in 1910.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Burke, Xifery S. "X. S."	Mineral Surveys	1888	Rep USDMS			Buried in Fairmount Memorial Park, Spokane, Washington	photo	1847-1890	Born in Massachusetts, X. S. lived in Marion Lake, Minnesota in 1875, where he owned a Republican newspaper. He began a Newspaper called The Black Hills Tribune in Crook City, Dakota Territory in 1876. This venture was short-lived, because the County Seat was moved from Crook City to Deadwood in that year. X. S. was listed as the owner of a newspaper in Custer, North Dakota in 1880 (The Chronicle). By then, he was married to Margaret E. Burke from England and was active in Republican politic. X. S. served as Shoshone County Auditor and Recorder from at least 1884-1887. From 1888-90, he surveyed 12 Mineral Surveys near Wallace, Idaho. and died in Wallace, Idaho in 1890 at age 43.
Burr, Samuel Prentiss	Mineral Surveys	1906	USDMS	yes		Buried in Forestvale Cemetery, Helena, Montana	photo	1877-1931	ID PLS 51. Born in Nebraska, the son of a farmer, Samuel moved to Genesee, Idaho in 1887 with his family. He enlisted in the Army during the Spanish American War and was out by 1900 when he was a lead miner in Mullen, Idaho. Samuel surveyed 15 Mineral Surveys and 3 USLM locations in Valley and Idaho Counties in Idaho in 1905-07. He married Myrtle C. Ellis at Polaris, Montana in 1911 and they had two children. Samuel showed up as a mining engineer at Bannock, Montana The family had moved to Helena, Montana by 1930 where Samuel worked as a mining engineer in a gold mine. Henry died from pneumonia in Helena in 1931 and is buried in Forestvale Cemetery there.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Burton, J.	Clerk	1907	Dr/Clerk						Born in New Jersey, J. Burton was a draftsman for the GLO in Boise in 1907 on the Register. It is not known whether he worked in the Land Office or the Surbeyor General's Office. There was no one fitting that criteria on the 1910 Census, but there was a John F. Burton, born in Illinois, in Kootenai in 1910 as a shchool teacher.
Burton, Lafayette Grant	Mineral Surveys	1902	USDMS	yes	yes, short one from obituary	Buried in Salt Lake City Cemetery Salt Lake City, Utah.	photo Gps of gravestone from Billion Graves: 40°46'33.9" 111°51'42.6" ± 15 ft.	1860-1934	Member AIME. Born in Utah, the son of the Sheriff of Salt Lake County, Lafayette attended the University of Deserett in 1871, was a surveyor living at home with his mother in 1880, and married Ella Mitchell in 1888 in Salt Lake City. Lafayette and Ella had two children. He was a mining engineer in Salt Lake City in 1900 and 1910 and was bonded as a USDMS in Idaho in 1902 while living in Salt Lake.
									He surveyed 6 Mineral Surveys in Idaho in 1894, two in 1917, and one in 1922. His obituary noted that at some time in his career, he was construction engineer for the Utah Eastern RR and an engineer of the old Salt Lake City Street RR to Fort Douglas. He continued as a mining engineer in 1920 and 1930, and died in Salt Lake in 1934.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Bush, Ada Miss	Clerk	1909	Dr/Clk			Buried in Morris Hill Cemetery, Boise, Idaho, E 195-1	photo Gps of gravestone from Cemetery Records: 43°36'32.62" 116°13'56.6" ± 10 ft.	1873-1961	Born in Indiana, Ada was in Idaho by 1907 when she was a Stenographer/Typewriter in the Surveyor General's Office of Ernest Eagleson. She was still a Clerk for the General Land office in 1920 and was a lifelong spinster, listed as a companion to her landlady in 1920. She died in Boise at age 88 in her home, and her death certificate was filled in by William D. Bush, probably her brother and an Idaho USDS in 1909.
Bush, Ben Eugene	Mineral Surveys	1908	USDMS	yes	yes, short one on his appointment as Idaho State Forester	Died in Moscow, Idaho, buried in Moscow Cemetery, Old Section, Lot 7	photo	1873-1944	Born in Iowa, the son of a farmer, Ben served in the Spanish American War and then graduated from the University of Idaho in 1903 in Mining Engineering. He was the Nez Perce County Surveyor in 1904 and Lewiston City Engineer in 1905. Ben surveyed one Mineral Survey for five Mining Claims in the Pierce City Mining District in 1908, and from at least 1909-11 he owned a Cigar Store in Lewiston.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Ben was referred to as the field agent for the State Land Board from 1909-1910. Ben married Caroline "Carrie" McConnell in Portland, Oregon in 1911, and they had two children. He was noted as a civil engineer for the State in 1920 and as a State Land Cruiser in Idaho in 1921. In the previous capacities, he was charged with evaluating all the Federal Land available for selection and picking the best to replace the Section 16's and Section 36's reserved to the State. The cause of this was that many of those State selections were in National Forest Reserves or National Parks. Ben was appointed Idaho State Forester in 1925 and promoted sustainable timber harvests. By 1940 he was listed in Moscow as a retired forester and died there in 1944.
Bush, James H.	Clerk	1874	Dem Dr/Clerk	yes	Yes, from book: Illustrated History of the State of Idaho, 1899	Buried in Pioneer Cemetery, Boise, Idaho	photo	1842-1897	Born in Michigan, the son of a farmer, James was mining near Boise, Idaho in 1865. By 1873-74, he was a Copying Clerk in the Surveyor General's Office of Lafayette Cartee. In 1874, James became one of the co-proprietors of the Central House , a mainstream hotel in downtown Boise. He bought out his partner in 1875 and married Ellen L. Kelly, the daughter of a Judge in 1876, siring three children.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									By this time, James was also involved in Democrat poetics and ran for Ada County Commissioner, results unknown. He lived in Boise in 1880 as the owner of the Central House, and in 1882 he was hauling freight by wagon in and out of Boise. He leased the hotel to others in 1886 and made a trip to Michigan and his home in 1887. He was a breeder of fine horses and took two carloads of them back East in 1888 and sold them. James built a large home in Boise in 1892 and ran for State Treasurer as a Democrat in 1894 in a losing effort. The Central Hotel burned in 1893. He built an addition to his home in Boise in 1896, but died there in 1897 of stomach cancer at age 55, leaving an estate of \$55,000. When he died, he was Vice President of Capital State Bank in Boise, an institution he cofounded.
Bush, William Davis	Contract 267	1905	USDS			Buried in Dry Creek Cemetery, Boise, Idaho	photo	1875-1972	Born in Indiana the son of a miller, William came to Idaho by 1905 when he received Contract 267 for 10 townships. William married Elizabeth Barter in 1907 and they had one child that died by 1910. He was the brother of Clerk Ada Bush. William received three more Contracts between 1906-1907 and then was in real estate for many years. Elizabeth died in 1942 and he remarried in 1954 at age 79 to 51-year-old Agnes Reed. He lived to be age 98, all in Idaho after 1905,

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Butler, Millard Angle	Special Instructions	1908	USDS			Died in Kanawha, West Virginia, buried in Saint Marys Catholic Cemetery, Norfolk, Virginia	photo	1879-1943	Born in Minnesota, Millard was still there with his family in 1900, when he was a university student. The 1940 census noted him as attending college for two years. He married Helen Claire Browne in Columbia Falls, Montana in 1904 and was a Civil Engineer in Spokane in 1910 and 1911. Millard surveyed a segregation survey from 1908 to 1911 North of Sand Pointe, Idaho. He was named an associate member of ASCE in 1911 in Spokane, and in 1917 as aa Major and a railroad engineer in St. Paul, MN, he was named a construction quartermaster to build a cantonment at Des Moines, Iowa.
									Millard was in the Army before the First World War and in 1920 was a Colonel in Erie, New York. He lived in Norfolk, Virginia in 1921 where a daughter was born. Millar was a foreman for the WPA in 1940 in Norfolk, and died there in 1943.
Butler, Millard Angle	Special Instructions	1908	USDS			Died in Kanawha, West Virginia, buried in Saint Marys Catholic Cemetery, Norfolk, Virginia	photo	1879-1943	Born in Minnesota, Millard was still there with his family in 1900, when he was a university student. The 1940 census noted him as attending college for two years. He married Helen Claire Browne in Columbia Falls, Montana in 1904 and was a Civil Engineer in Spokane in 1910 and 1911. Millard surveyed a segregation survey from 1908 to 1911 North of Sand Pointe, Idaho. He was named an associate member of ASCE in 1911 in Spokane, and in 1917 as aa Major and a railroad engineer in St. Paul, MN, he was named a construction quartermaster to build a cantonment at Des Moines, Iowa.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Millard was in the Army before the First World War and in 1920 was a Colonel in Erie, New York. He lived in Norfolk, Virginia in 1921 where a daughter was born. Millar was a foreman for the WPA in 1940 in Norfolk, and died there in 1943.
Byler, Emmett Addison	Mineral Surveys	1902	USDMS		yes, short one from Find a Grave.	Interred in Cypress Lawn Memorial Park in Coma, California in a mausoleum.	photo	1868-1930	Member AIME. Born in Missouri the son of a lawyer, Emmett was a student at the University of California in 1890, and graduated in civil engineering in 1892 as a Hinkley Scholar. While there he played on the football team and was a member of the rifle team. Emmett authored a Ming Investor's Map of Cripple Creek Mining District in Colorado in 1899. He was a civil engineer in Victor, Colorado in 1900 and 1902 when he was bonded as a U. S. Deputy Mineral Surveyor in Idaho.
									Emmett moved to Goldfield, Nevada by 1905 where he built a house out of bottles. He married Ellen Rhodes Collins in 1910, a widow with two sons. Emmett was part of Davis and Byler, a surveying firm in Goldfield from 1904-1916. He was listed as a mining and civil engineering in Goldfield, Nevada in 1910 and 1920. Emmett surveyed two Mineral Surveys in Verde Mining District in Arizona in 1916 as a Mineral Surveyor. He died in Alhambra, California in 1930.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Byrne, Peter F.	Special Instructions	1903	USDS			Buried in the Mausoleum at Fairmount Memorial Park, Spokane, Washington	photo	1857-1923	Born in Wisconsin, the son of an Irish immigrant farmer, Peter had a twin sister. The family moved to Iowa in 1866. Peter was a civil engineer in Spokane in 1900 and was appointed Spokane City Engineer in 1902, after the former City Engineer was removed. Peter was sued by the former City Engineer, Allen F. Gill, but won at the Washington Supreme Court. As soon as he won in court, he resigned as Spokane City Engineer. He received a small Contract by Special Instructions in Idaho in 1903 to survey an island in Lake Tesemini in T53N R4W. (now known as Spirit Lake)
									Peter was named a U. S. Deputy Mineral Surveyor by 1916 and surveyed two Claims in one Mineral Survey at Pierce City in Clearwater County, Idaho. He was a civil engineer again in Spokane in 1920, but he and his wife and daughter were living with another family, The head, James Herrick, was referred to as a "partner". Peter died in Spokane in 1923.
Cabell, Charles Ellet "Ellet"	Special Instructions	1905	SES	yes	yes, from obituary	buried in Ivy Hill Cemetery, Alexandria, Virginia	photo	1871-1934	Born in Virginia, the son of a farmer, Ellet studied law at the University of Virginia. He married Nannie Powell McCormick in 1899, and they were living with Nannie's parents with their daughter in 1900. Ellet enlisted in the Spanish American War in 1900 and was promoted to Captain, and then Major in 1900.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Ellet went to the Philippines and served for two years. When he returned, he apparently obtained a job with the General Land Office as a Special Examiner of Surveys. There was an "Inspector Cabell" that was noted in the newspaper as the Inspector from the General Land Office to examine Contract 258 of Stephen A. D. Hungate, H. H. Johnson, and Atress M. Kirchem in 1905. The 1905 Register listed Ellet as one of the few Examiners on the roster at the time out of Washington, D. C. Ellet was an attorney in Lynchburg in 1897 and returned to a farm in Lovington, Virginia in 1910-20 with his expanded family. By 1930, the abbreviated family had moved to Alexandria, Virginia where Ellet was listed as a Clerk in the Department of Interior. He spent the last 14 years of his career there and died in 1934 in Alexandria.
Califf, William Culmer	Contract 279 (with Stephen A. D. Hungate)	1906	USDS	yes		Buried in Mountain View Cemetery, Oregon City, Oregon		1884-1850	Born in Oregon, William was still in school in 1900. He married Mary Blanche Kendall in about 1909. They had two children. He had received a Joint Contract with Stephen Hungate in Idaho in 1906 at age 22 for 17 townships near Salmon, Idaho. Another Contract on his own in 1906 was for 8 townships near Salmon and one near Grangeville.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									William was living with his in-laws in 1910 in Oregon City as a deputy Clackamas County surveyor. By 1918 he was employed by a beverage distributor, and in 1920 he was a divorced surveyor and a roomer in Portland. William remarried to Helen Hazel Grymes in 1921. By 1929 William worked as a foreman for Pacific Gas and Coal company in Portland, and still held that position in 1942.
Calloway, Frederick William "Fred"	Mineral Surveys	1909	USDMS		yes, from obituary	Buried in Fairmount Memorial Park, Spokane, Washington		1880-1933	Born in Michigan of a Canadian railroad executive, Fred graduated from the University of Minnesota in 1909. He married Bessie Edith Cain in 1901 in Minnesota, and they had three children. In 1900, he moved his center of operation to the Coeur d'Alene region, living in Wallace in 1910. He was involved in work in the Elk City area of Idaho, but practiced in a large area, generally specializing in litigation. He was in Alameda, California in 1920 and Spokane in 1930. At the time of his death, he had been very interested, as well as an investor, in the Crawford Mining Company 22 miles East of Orofino. Even when he was ill, he continued his supervision of the efforts there.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Campbell, Archibald	Special Instructions from the Department of State	1857	Commis		yes, several	Died in Washington D. C., Buried in Oak Hill Cemetery, Washington, D. C.	Photo Gps of tombstone from Billion "Graves by Jerry Olson: 38°54'47.6" 77°03'29.6" ± 20 ft.	1813-1887	Born in New York, Archibald graduated from West Point in 1835 as a 2nd Lt. in the 6th Infantry. He served at: Jefferson Barracks, MO, 1835-36; Fort Jessup LA, 1836; Fort Sabine, LA, 1836; and as Aide-de-Camp to Maj. General Gaines, 1836. After discharge, he served as: Assnt Engr. Louisville, KY, and Cincinatti, OH; Railroad Survey, 1837; Civil Engineer for U. S. on topographical survey in Cherokee Country prior to moving the Indians, 1837-38; Engr. Maryland Crosscut Canal, 1838; Frostburg and Cumberland MD RR Survey 1838-39;
									(cont.) Black River Canal, N. Y., 1839-40; Albany and West Stockbridge RR survey, N. Y, 1840-41; Civil Engineer on dfenses of New York Harbor, 1841-42; and on Ohio River Improvements, 1843-44; Private Secretary to the Secretary of War, 1845-46; Chief Clerk U. S. War Dept, 1846-49; and from 1849-57, Clerk and then Chief Clerk to the Commission created to establish a process to create and survey the Boundary between the United States and Canada, from Vancouver Island to the crest of the Rocky Mountains.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									In 1857, Archibald was named Commissioner for the Northwest Boundary Commission to supervise the process for the Americans. Britain had its own joint process with Three Commissioners appointed. There were two processes going on, the water boundary through Puget Sound, and the land boundary surveying East from Point Roberts. Archibald appointed John G. Parke as Astronomer and Surveyor, George Clinton Gardner as Assistant Astronomer and Surveyor, James S. Harris as Surveyor, William J. Warren, Secretary, and John J. Major, Clerk. Archibald is the namesake of Campbell Mountain in Glacier National Park in Montana.
Campbell, Charles Lois	Contract 256	1904	USDS			Buried in Greenwood Memorial Terrace, Spokane, WA., with his wife, Elsie. Site Lawn 21.	see Jerry Olson Gps of gravestone by Jerry Olson from Find a Grave website: 45°39'35.0" 117°28'01.2" ± 30 ft	1878-1917	William Brackett Campbell was one of the patriarchs of the Campbell surveying family, along with his brother Samuel Learned Campbell. William B. was the father of USDS William Ellis Campbell, who was the father of U. S. Deputy Surveyors, George Raymond, Charles Lois, Roy Thomas and William A. Burt Campbell. They were also neighbors and nephews of Homer Angell.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>William E. Campbell and Roy Campbell were GLO Surveyors in Oregon only, and Roy Campbell worked as a direct employee after 1910. William Ellis Campbell had married the sister of Homer Angell, and everyone but William B. grew up at Fifteen-Mile Creek in Wasco County, OR. Charles was boarding at the Chemawa Indian School near Salem with his brother Roy in 1895. He was a chainman and axman for both Ed Sharp and his father from 1895-98 for several Contracts. He went on to graduate from the University of Oregon in civil engineering. Charles received Joint Contract 718 with his father in 1900, and his father, surveyed two of the townships in Baker County that year. The third township in Baker County was cancelled in 1904 for unknown reasons and given to another deputy. He used Charles and his brother Roy as crewmen.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>They received another Joint Contract in 1901, and they surveyed several townships that year. William died at the end of the survey of T3S R44E, in the Wallowa Mountains West of Wallowa Lake, on October 18, 1901. That is the date of the final oaths, and the date of the end of the field work. Charles signed all the oaths for the whole Contract, and it is hard to know what role William played. Charles returned the next spring to finish the last two thirds of the Contract. There were ten townships all across the East side, and it was examined by David Kinnaird in 1902 and approved. Burt and Roy Campbell and Clyde Riddell were regular crewmen. He retraced many of the existing lines on fractional townships, whether instructed to or not.</p>
									<p>Charles had his own Contract in 1902 in Oregon, for one townships on the Southern Coast, one near Grants Pass, and one in Baker County. He turned in the notes in 1903, and he was examined on all of them. It appears that the survey issues were resolved by 1904, and there were no correction surveys in the record. There was an investigation by Special Agent S. N. Stoner in 1907, and the maps had been withheld from filing since 1904. T5N R45E was released, but the others were still withheld, and not all were filed until 1909 for unknown reasons. It is unknown when Charles was paid.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Charles received WA Contract 594 by bid in 1903 mostly in the Northeast part of the state with one township Southeast of Dayton, and he surveyed it in the summer, during a school break. His brothers Roy and Rex were chainmen. He returned to the University of Oregon and graduated in 1904 with a B. S. in Civil Engineering. While there, Charles was a charter member of the local chapter of Kappa Sigma fraternity, along with Ivan Oakes. The notes for Contract 594 were corrected several times, and approved in 1905. Charles received Contract 250 in Idaho for 3 townships East of the Coeur d'Alene Reservation, and surveyed it in 1904-07. Charles resurveyed part of it in 1911, and that part was approved in 1912-13. The remainder apparently remained rejected, with the unapproved notes on file.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He was in Payson, AZ in 1905 and also worked as a chainman for Milton Germond on Contract 632 in 1906. Charles teamed up with John Penland for a Joint Contract in 1906, which was finally approved in 1908. He married Elsie M. Tong in Spokane in 1908, was a civil engineer there in 1910, helped his brother Roy on Oregon Contracts from 1908-10, helped his brother George on corrections near Yakima in 1910, and worked as a civil engineer in the shipyards in Bremerton in 1912. Charles died in 1917 at age 39, and his wife was living with her parents in Spokane in 1920, with three young children, the youngest less than 4 years old. See Oregon GLO Surveyors for the maintained version of this information.</p>
Campbell, George Curtis	Contract 196	1899	USDS				photo	1872-1947	<p>The father of George Curtis, Samuel Learned Campbell, was born in Massachusetts and came to Oregon via the Oregon Trail in 1846 and 1849. He was the brother of William Brackett Campbell, the patriarch of the Wasco County Campbell family, and therefore the uncle and great uncle of several GLO surveyors. Sam was a trustee of the University of Oregon City in 1856, and the Clackamas County Surveyor from 1867-1881. Sam surveyed a GLO Contract at age 69 in Idaho in 1893 that was approved by the Idaho Surveyor General, but rejected by the Commissioner, and never finished. George was a chainman (compassman?) on that survey. George was the half-brother of Frank W. Campbell.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Born in Oregon, George moved with his family to Missouri at age 6. He moved around a lot, working as: a chainman for his father in Idaho in 1893; and a surveyor in Spokane in 1900 which is where he was when he surveyed his two contracts north of Republic. George received Contract 196 in Idaho in 1899 for one township and the meanders of Priest lake, surveying it in the same year. He was a civil engineer for the City of Seattle from 1900-10; a farmer in Latah County, Idaho in 1910; a shop checker in the Navy yard in Kitsap County in 1920; and a draftsman for the Osage Indian Agency in Pawhuska, Oklahoma from 1924 until he retired, while taking care of his aged mother.</p>
									<p>An examination of his first Contract, number 569, of T37,38N R32E by M. P. McCoy in 1902 disclosed positional errors large enough to require him to resurvey all of the work. It took several versions of corrections of that work, and of the second contract, to receive approval some 5 years later. Two of his brothers and his father-in-law were part of the crew. He was tall and slender with brown eyes and dark brown hair.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Campbell, George Raymond	Contract 244	1903	USDS			Died in Yakima, WA., buried in Tahoma Cemetery, Yakima, WA. Sec. A, 124, NW, 4.	photo Gps of tombstone by Jerry Olson from Google Earth 46°34'36.8" 120°32'14.1" ± 30 ft.	1874-1932	Member ASCE. William Brackett Campbell was one of the patriarchs of the Campbell surveying family, along with his brother Samuel Learned Campbell. William B. was the father of USDS William Ellis Campbell, who was the father of U. S. Deputy Surveyors, George Raymond, Charles Lois, Roy Thomas and William A. Burt Campbell. They were also neighbors and nephews of Homer Angell. William E. Campbell and Roy Campbell were GLO Surveyors in Oregon only, and Roy Campbell worked as a direct employee after 1910. William Ellis had married the sister of Homer Angell, and everyone but William B. grew up at Fifteen-Mile Creek or Eight Mile Creek in Wasco County, OR.
									George was born and raised in Wasco County, Oregon and graduated from the University of Oregon in 1901 with a B. S. in Civil Engineering. He had been a crewman for his father on three Contracts from 1891-97 and a crewman for Ed Sharp and Homer Angell in 1898 and 1900. Before he graduated, he surveyed two Oregon Joint Contracts with his father, William E Campbell in 1899 and 1900. One was North of Elgin, and the other was East of Springfield. They used Clyde Riddell, Homer Angell, Charles Campbell and Roy Campbell as crewmen, and both signed the oaths. He surveyed his next Contract right after graduation, East of John Day, using Charles Campbell as chainman.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Another was surveyed entirely within the Quinault Indian Reservation, and he used fellow University of Oregon students, and future GLO Surveyors, Alfred Geddes and Milton Germond, as chainmen. The rest of his 5 contracts between 1904 and 1907 were on the East side, and in partnership with Milton Germond, and sometimes Walter Long. For Contract 610, the crew included brothers Roy and Rex as chainmen, and fellow University of Oregon Student, and future GLO surveyor, George X. Riddell. Roy, Rex, and George Riddell also helped on Contract 614, along with future GLO Surveyor Nathan Hubbs.</p>
									<p>George received three Contracts in Idaho from 1903-05, and used most of the same players as crewmen. Contract 632 on the Yakima Reservation in 1906 included Roy, Rex, and future GLO Surveyor Charles A. Slang as crewmen for the portion surveyed by George. An exam by Louis Dent resulted in field corrections for all three in 1907-08.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									They were reexamined by Van Winkle, and George was back in the field in 1910. In 1922 they were seeking relief from Congress to get paid for part of the work. George was in Spokane as a civil engineer in 1910, in Olympia in the GLO office as a direct employee in 1918 and 1920, in Yakima as a civil engineer and fruit grower in 1925, and was surveying for the RR in 1930. He was named an Associate Member of ASCE in 1915 and died in Yakima in 1932. He was of medium build with brown eyes and dark hair. See OR GLO Surveyors for the maintained version of this information.
Campbell, Samuel L.	Contract 151	1893	USDS		see Jerry Olson, autobiography	Buried in Mount Pleasant Cemetery, Seattle, Washington	Photo GPS of gravestone by Jerry Olson: 47°36'38.5" 122°21'59.1"	1824-1902	Samuel was born the son of Hector Campbell in Hampden County Massachusetts. His father taught school and had been a Member of the Legislature. He was the brother of William B. Campbell, and the father of Frank W. Campbell and George Curtis Campbell. Samuel graduated from the State Normal School and survived typhoid in 1843-44. His brother William's wife died, and Samuel and William left for Oregon in 1846, by train and boat to Independence, Missouri, and then across the Oregon Trail.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Samuel has written a detailed narrative of his trip. He made it to the Whitman Mission at Walla Walla, but William went ahead to Oregon to find some Claims. Samuel worked in the Whitman sawmill over the winter, less than a year before the massacre. William came back from Oregon in February, heading home, but Samuel persuaded him to return to Oregon. They filed two Claims near Forest Grove and built cabins. After posting the required notice, they headed home to Hampden County in September. They convinced their father and the rest of the family to return to Oregon with them in 1849, which was accomplished again over the Oregon Trail. They arrived in September of 1849 and settled in Milwaukie, with all filing Claims there. Their Claims at Forest Grove had been jumped because they were gone too long.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Samuel and William cut shingles, and Hector became the first school teacher. Samuel built the first hotel in Oregon City in 1849, married widow Amanda H. Matlock in 1851, and was elected Clackamas County Surveyor in 1852, continuing for 17 years. He was a chainman for his brother William in 1860 near Hermiston. Andrew Patterson received Contract 97 for seven townships near The Dalles in 1861, just as he left office as Chief Clerk. He used Samuel as compassman for all the work. Samuel was also the compassman for the corrections the same year, and for the corrections of the adjacent Contract of La Fayette Cartee. Samuel had gone to California for gold in 1852 and to Florence, Idaho for the same in 1862. William was hired as a Clerk in the Surveyor General's Office of Robert Preston, and kept at that for 6 years.</p>
									<p>While Samuel was in Idaho, Amanda became seriously ill with TB, and died in 1864, leaving three sons. He then remarried to Sarah Jane Moffett Cox in 1864, a widow with one child, with this union producing another four children. For some reason, Samuel traded his farm on the Clackamas for a farm in Missouri, sight unseen. He returned to the West four years later by buying a farm three miles East of Moscow, Idaho, where he remained until he moved to Seattle in 1901.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>While near Moscow, he cut wood, sold quarry rock, and was elected Latah County Surveyor in 1888. He had been doing private surveys since arriving. His son Frank asked for his help for two Contracts in Wallowa County, Oregon in 1884, and Samuel spent the summer there. Neither he or his son Herbert were mentioned in the notes. Samuel received Contract 151 in Idaho at age 69 in 1893 for twp townships North of the Palouse River. He used his nephew William A. B. Campbell and his son, George, as crewmen on the survey. It was approved by the Idaho Surveyor General, but after examination, it was rejected by the Commissioner and never finished. He died in Seattle at the home of his son, George, and left a 250+ page autobiography that can be found through interlibrary loan.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Campbell, William A. Burt "Burt"	Contract 248 (with George Raymond Campbell)	1904	USDS		see Jerry Olson, obituary.	Died in Wasco County, OR, buried in IOOF Cemetery, The Dalles, Oregon, L 23	photo Gps of tombstone by Jerry Olson: 45°35'49.8" 121°12'19.1"	1872-1930	<p>William Brackett Campbell was one of the patriarchs of the Campbell surveying family, along with his brother Samuel Learned Campbell. William B. was the father of USDS William Ellis Campbell, who was the father of U. S. Deputy Surveyors, George Raymond, Charles Lois, Roy Thomas and William A. Burt Campbell. They were also neighbors and nephews of Homer Angell. William E. Campbell and Roy Campbell were GLO Surveyors in Oregon only, and Roy Campbell worked as a direct employee after 1910. William Ellis married the sister of Homer Angell, and everyone but William B. grew up at Fifteen-Mile Creek or Eight Mile Creek in Wasco County, OR.</p> <p>William A. Burt married school teacher Mary A. Crossen in Union County, Oregon in 1891, and they had a son that died as a baby in 1899. She died in 1905, and he remarried to Mary E. Dishbow in 1910. He was a civil engineer in 1900 in Wasco County and was listed as a trapper of predatory animals and a taxidermist until he died. From 1891 to 1901, he was an axman or chainman for his father, brother Charles and Ed Sharp on several Contracts. In 1893, he had gone to Idaho to be a chainman for his uncle Samuel Campbell.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									His one Contract in Washington in 1907 was on the Colville Reservation, and was shared with Alfred Geddes and Nathan Hubbs, with each doing about one third of the work. He climbed Mt. Hood with his brother George sometime before 1896. William was of small build with brown eyes and black hair. The "A" in his name probably stands for "Austin", which would make him named for the inventor of the solar compass.
Canfield, Roswell Clinton	Contract 242	1902	Rep USDS			Died in Modesto, California. Buried in Acacia Memorial Park, Modesto, California, Tract 80, Grave 75	photo	1854-1940	Born and raised in Ohio, Roswell was attending Oberlin College in the early 1870's. He went to Colorado in 1878 as a mining engineer, and was a surveyor in Gunnison in 1880. but later living in Buena Vista Colorado. He married Ellen Mahoney, and they moved to Washington State in 1886. He surveyed two townships near Mullen, Idaho in 1902 under Contract 242. They lived in Hermiston, Oregon, and Pullman and Colfax, Washington from 1904-28. He did preliminary surveys for the Palouse and Spokane Electric Railway in 1904. In 1920 and 1930, Rowell was an alfalfa farmer on newly irrigated land at Hermiston and was a officer in the Irrigation Association. They then retired to Modesto, California, where Roswell died in 1940.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Caples, James Watts	Special Instructions	1910	Prog USDS HES			Buried in City Cemetery, Salmon, Idaho	photo	1881-1919	AA ID PLS. Member AIME. Born in Missouri, the son of a lawyer, James was still in school at age 19 in 1900. He graduated from the Missouri School of Mines in 1905, stayed to work at the school, and then went to Salmon, Idaho. James had worked on survey crews for railroads every summer while in school. He was a mining engineer in Salmon, Idaho in 1910 when he surveyed two HES surveys. In 1914, he was noted as a member of the engineering firm of Herndon, Caples and Lumbi. James ran for State Inspector of Mines in 1914 on the Progressive Ticket with unknown results. James married Elsie Flora Van Idour in Challis, Idaho in 1916, a teacher and college graduate. He continued as a mining engineer in Salmon in 1917 and in Leesburg, Idaho in 1918.
									He was the superintendent of the Haynes Stellite Mine at Leesburg and the Cobalt Mine in Blackbird, Idaho in 1919 at age 38 when he committed suicide with a dose of cyanide, leaving a wife and two sons less than a year old. His lengthy note mentioned financial setbacks in the mine he owned, and his inability to cope. Elsie remarried in 1922 in Idaho and spent 52 years with her new husband. One son, James Watts Caples, Jr. went on to have a career as a surveyor and Forest Service Employee in Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Carpenter, Howard Brady	Special Instructions (with J. Frank Warner and Murray H. Gilcrest as transitmen)	1904	USS		yes, from University of Idaho	Died in Meridian, Idaho, buried in Morris Hill Cemetery, Boise, Idaho	photo	1848-1917	<p>Born in Illinois of Quaker parents, Howard was educated in the public schools and then a seminary in Prophetstown, Illinois. He taught school in Quaker Street, New York for two years before being taught surveying by an older Cousin, a civil engineer. He worked on RR projects in the Catskills and Pomeroy, Ohio before becoming chief engineer for a RR from Chicago to Illinois Valley. In 1874, Howard started as chief engineer in San Francisco on water supply, streets, cable car lines, and ferry landings. He continued in California until at least 1888.</p> <p>Howard worked in Colorado and Wyoming as a mining engineer before turning to government surveying as U. S. Deputy Surveyor and a U. S. Surveyor in 1894-1907. His first Contract in Wyoming was by special Instructions in 1894 for the subdivisions of 19 townships. Howard surveyed Contract 266 in Wyoming in 1897 for three townships and at some time surveyed the 37th Parallel between Utah and Arizona, and Colorado and New Mexico He was the original surveyor that set the 4-corners monument. Howard received Special Instructions in 1904 to survey the State Boundary between Idaho and Montana, defined by the watershed crest of the summit of the Bitterroot Range. This effort used four survey seasons with a 21 man crew, and he used J. Frank Warner as Transitman for the work, but ended with Murray H. Gilcrest at the end in 1906.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Howard retired in 1908 to a fruit farm in Meridian, Idaho and became a Director of the Nampa-Meridian Irrigation District, a Trustee of the Methodist Church, a member of the Meridian School Board, a founder of the Meridian Building and Loan Association, and Vice President of the First National Bank of Meridian. Howard died in Meridian in 1917 of typhoid.
Carrell, William	As compassman for John L. McCoy on Contract 84.	1882	Comp						Probably a fictitious person for the Benson Syndicate. No person was in Idaho in 1880 by that name.
Cartee, LaFayette	Surveyor General	1866	Dem Rep S G USDS	see Jerry Olson	By Jerry Olson, Go To: http://www.ols.onengr.com/download/globios/carteelafayettebio.pdf	Buried in Pioneer Cemetery, Boise, ID., Section 1, Block 25, grave 7, with wife Mary	See Jerry Olson Gps of tombstone from Google Earth by Jerry Olson: 43°36'40.5" 116°11'20.3" ± 7 ft.	1823-1891	Lafayette was born in New York, and graduated from St. Johns College, before becoming the Chair of the Mathematics Department. He came to Oregon City in 1849 via a short stay in California, and opened a surveying and engineering office. Soon he was a member of the Oregon Territorial Legislature in 1853 and Oregon Speaker of the House in 1854.
									Cartee worked as a Deputy Surveyor from the start, beginning with Claim Contract 5 in 1853 with Ezra Fisher as a chainman. He used both Ezra Fisher and Lewis Van Vleet as chainmen on Claim Contract 9 in 1854. Contract 42 crossed the Columbia River to Washington in T1N R3E in 1854, and Ezra Fisher was the compassman. Ezra continued as compassman for another Contract in 1855 in Multnomah County.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Lafayette made a trip back to Pennsylvania in 1855 to get married to Mary Bell. He had a brief term as Chief Clerk for Surveyor General William Chapman in 1859. He began surveying again in 1860 with two Contracts, one near Hood River, and another in Umatilla County. His brother-in-law, Peter Bell, and Allen M. Thompson, the brother of David Thompson were chainmen. Later that year, Peter and Allen were promoted to compassmen for two more Contracts involving a township at Hood River, a township at Umatilla, and several townships South of Hood River. Democrat Surveyor General, William W. Chapman had to leave office in June of 1861 when he was replaced by strong Republican Bynon Pengra. He gave his departing Chief Clerk, Andrew Patterson a Contract for several townships from the Dalles to Rufus.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>A few days later, he gave Democrat La Fayette Cartee another Contract in the same vicinity. Bynon took over as the Contracts were signed. When both turned their notes in in September, there must have been differences, because Bynon required field corrections for both, involving remeasurements and better corner monuments. Samuel L. Campbell was the Deputy Surveyor that made the corrections, working for both, and he had been the Compassman for Patterson. La Fayette promoted axman Josephus Tomkins to compassman part way through his Contract. That was La Fayette's last Contract, and he took the job as engineer for the Portage RR on the South side of the rapids at The Dalles and Celilo in 1862.</p>
									<p>While he was away from home, his wife died in 1862, and his children were cared for by his wife's sister-in-law, Henrietta Bell, who was living in The Dalles at the time. They took the children to Boise in 1863 where Henrietta's brother was living. LaFayette followed and took up residence there, where they were all living in 1870, along with USDS Allen M. Thompson and Darius Baker. Lafayette built a sawmill in 1866 and became Idaho's first Surveyor General in 1866, serving through several political transitions until May, 1878. There was a gap from April, 1869 to March, 1870, where Edward Ruger was the Surveyor General. Family members and friends worked in his Office.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Two years after he left office, Lafayette was awarded a Joint Contract with John David for 14 townships in the Southeast corner of the State. Two had no oaths, and David surveyed the rest. While in Boise, Lafayette was well known for his horticultural skills and fruit trees. (biography) This is the maintained version of this information.
Cartee, Ross	Clerk	1875	Dr/Clerk	yes, from OHS as a youth		Died in Oakland, California, Buried in Pioneer Cemetery, Boise, Idaho	photo Gps of family monument from Cemetery Records: 46°36'40.54" 116°11'20.78" ± 7 ft.	1860-1943	Born the son of LaFayette Cartee in Oregon, Ross moved to The Dalles in about 1862, where his father was the engineer of the Portage Railroad. His mother died there in 1862, and the whole family moved to Idaho in 1863, where a brother of his mother was located. At age 15, he was a part time Copying Clerk in the office of his father, Surveyor General LaFayette Cartee. He was promoted to a full time draftsman in 1877, but left when his father was replaced in 1877.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Sometime along the line, Ross attended two years of college, probably in engineering. Ross was a Clerk in Boise in the Assay Office in 1881 and went to Shoshone by 1883, when he was advertising a bank he had founded. It failed in 1884, and Ross ultimately went bankrupt in 1900 trying to pay the depositors. An angry depositor beat him up on the street in Shoshone in 1884. He had gone to Helena by 1887, but returned to Boise to marry Leona Hailey, the daughter of a U. S. Congressman. He published a map of Montana in 1889, and was advertising as an architect in Helena in 1893. He also advertised as a florist in that year also. Ross was noted as a civil engineer in Helena in 1897 when he was doing the government survey for the ceded portion of the Blackfoot Reservation.</p>
									<p>The 1900 census listed him as an architect in Jefferson County, Montana. He was soon back in Boise, where he designed the Friedline Apartments. Surveyor General Eagleson hired him in 1907 to be a Clerk to check plats and draft a map of Idaho.. Leona affiliated herself with the Idaho Historical Society and was soon named to the Board of Trustees. Her father had already been named Chief Librarian. She was in that position when her father, John Hailey, wrote the Volume on the History of Idaho in 1910. When John Hailey died in 1921, Ross' sister, Ella Cartee Reed, succeeded him.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Ross and Leona had moved to Utah by 1915, when their son Ross B. Jr., was killed in an auto accident while visiting there. He was a member of the faculty in the Zoology Department at the University of Idaho. Ross was an engineer in Oakland, California in 1920 and 1930, and Leona died there in 1933. Ross remarried to Harriett Belle Faye in Berkeley in 1838, and they were retired in Alameda in 1940. Ross died there in 1943, but is buried with Leona back in Boise.
Cavanah, Frank Patrick	Mineral Survey Contract 13	1879	USDMS		yes, from obituary	buried in Pioneer Cemetery, Boise, Idaho, Block 4, Lot 18, space 7	photo	1835-1897	Born in Canada, Frank moved with his family to New York when he was a boy, and he later apprenticed in an iron works in New York City. He eventually moved to North Carolina, where he worked in the gold mining industry. Frank served for the Confederacy in the War, ending with the rank of Major. Right after the war, he married Ruth Cheatham in North Carolina, but she died in 1872 at age 26, leaving three children. Frank apparently left his children in the care of others, and came to Idaho soon after, settling in the town of Atlanta in the Middle Boise Mining District. Beginning in 1879, he was a practicing U. S. Deputy Mineral Surveyor until at least 1883, living in Wood River, Hailey, and Rocky Bar. He was a member of the Idaho Constitutional Convention and for a number of years was the Director of the Insane Asylum.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Chaney, George O.	Special Instructions	1903	SES			Buried in Mount Olivet Cemetery, Salt Lake City, Utah, R. 156, 12	photo No marker	1861-1917	Born in Iowa, the son of a land surveyor, George was still in school in 1880. He was a civil engineer in Salt Lake City in 1900, living with his parents. The newspapers mentioned him as a surveyor doing a government survey near Austin, Nevada in 1902, and he was an examiner of Surveys in Idaho in 1903. In that position, George examined Contract 218 of Albert Oliver in 1903, and also subdivided Sections 1 & 12 of T37N R1E near Orofino under Special Instructions, also in 1903. George was named The Chief Assistant Engineer for Salt Lake City in 1906 and Salt Lake City Engineer in 1909, until the end of the year when he was replaced. It appears he never married, and died in Salt Lake in 1917 of heart disease.
Chandler, William P.	Surveyor General	1878	S G	yes	yes, from Find a Grave	buried in Springhill Cemetery and Mausoleum, Danville, Illinois	photo	1820-1898	Born in New Hampshire, William was educated there in Salisbury Academy, New London Academy, and Penbrooke Academy, finishing as a civil engineer. He married Sarah E. Kimball in New Hampshire before moving to Danville, Illinois, where he was an engineer in the coal mining industry. In 1861 he enlisted as a Lt. Colonel in the 35th Illinois Regiment and served in the Civil War until 1864, being taken prisoner twice.
									William was appointed Surveyor General of Idaho in 1878 by President Grant and occupied that position until the Grover Cleveland administration came into power in 1885. He was Surveyor General during the times of the Benson Syndicate in Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Chase, Dwight Day	Clerk	1898	Dr/Clerk	yes		Died New York, buried in Kentucky		1880-1939	Born in Idaho, the son of Eben Chase. a U. S. Marshal and also the inventor of the smokeless furnace. Dwight was appointed a Transcribing Clerk in the Surveyor General's Office of Joseph Perrault by 1898. He was listed as a government employee in 1900, living at home in Boise, and was still living at home in Boise in 1902. At some time, he became an active member of the Christian Science Church.
									Dwight was in California after the 1906 quake, and met his future wife there. He married Laura A. Zerbe in 1916 in Alameda, California, a music teacher from New York. They were both "readers" in the Church. She died in 1917, and Dwight remarried to widow Aimee Brown Albright in July 1926. He was single in 1918 for the draft and in the 1920 Census in San Francisco. Dwight went to London in July, 1926 with Aimee as a Christian Science Monitor and returned in the fall. He was a Practitioner for the Church in Manhattan in 1930, where Aimee was the owner of the Concord Hotel. Dwight died in Manhattan in 1939 and was cremated at Ferncliff Crematory in New York.
Chinn, Joseph Philetus	Clerk	1897	Dr/Clerk	yes		Died in Macon, Missouri in 1936, buried in Morris Hill Cemetery, Boise, Idaho, 1, 27, 3	photo Gps of tombstone from Morris Hill Cemetery website: 43°36'39.8" 116°13'56.3"	1859-	Born in Missouri, the son of a farmer, Joseph was raised and educated in Missouri until 1879 when he married Millie J. Chapman. Their first child was born in Idaho the next year, and a son was born in 1891 in Idaho. He was the first uniformed police officer in Boise, serving as the first Police Chief in 1893.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Joseph was involved in four lawsuits in Boise from 1892-94. He was a Transcribing Clerk in the Surveyor General's Office of Joseph Perrault in 1898 and a grocery merchant in Boise in 1900. He moved to Seattle, where he was a grocery Merchant in 1910. Joseph worked in the shipyard in Seattle in 1920 and Millie died there in 1920. He was retired in Boise in 1930, moved back to Missouri by 1935, and died in Boise in 1936.
Clark, Arthur B.	Mineral Surveys	1903	Rep USDMS	yes			Died in Soap Lake, buried in Fairmount Memorial Park, Spokane, WA, Lawn 5, Sec H2, Sp 4a See Jerry Olson The gravestone could not be seen in the snow on 3/4/11, although it was there. The tombstone of his father David C. Clark was photographed. Gps of gravesite by Jerry Olson: 47°42'08.8" 117°29'19.3" ± 14 ft	1869-1955	WA PLS, PE 880. ID PLS 48. Born in Iowa, he was in Spokane as a surveyor in 1895. He surveyed 5 Mining Claims in Northeastern Washington from 1901-1903, and a RR from Pateros to Robinson up the Methow Valley in 1904. His first wife died in 1903, and he married for the second time in 1907. Arthur was noted as a farmer in Grant County in 1910, 1920 and 1930 and died in Soap Lake, WA, after doing three subdivision plats in Grant County in the 1930's and 40's. He served in the Washington State House of Representatives in 1925 from Grant County.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Clark, Joseph Addison "Addison"	Contract 114	1886	USDS	yes, from newspaper		Buried in Rose Hill Cemetery, Idaho Falls, Idaho.	photo	1837-1905	ID PLS 16. Born in North Carolina the son of a farmer, Joseph was one of the first two graduates of Earlham College in 1862. His whole family had moved to Indiana by 1863, and Joseph married Eunice Hadley there in 1866, siring seven children.
									He continued farming in Indiana, until moving to Idaho Falls by 1886. At that time he received Contract 114 for 13 widely scattered townships near Rexburg. Commissioner Sparks voided the Contract because there was no evidence of agricultural value. Joseph received Contract 118 for partial boundaries of the Lemhi and Nez Perce Reservation in 1887. The Nez Perce Reservation survey was rejected, although there are notes on file. Joseph was listed as a surveyor in Idaho Falls in 1900, and was awarded his last Contract in 1903 by Special Instructions for one township just West of Rexburg.
									He was the first Mayor of Idaho Falls after its charter and surveyed and designed irrigation canals near Idaho Falls. He died in Idaho in 1905. His son, Chase Clark, became Governor of Idaho and the Chief Judge on the U. S. District Court in Idaho. Another son, Barzilla Clark, was also a Governor of Idaho, and a grandson, David Worth Clark, became a two-term U. S. Congressman and a U. S. Senator from Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Clarke, Roy Hughes	Mineral Surveys	1900	USDMS	yes	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/clarkeroyhbio.pdf	Died in Kellogg, Idaho as the result of a fall while inspecting a mine. Buried in Fairmount Memorial Park, Spokane, WA, Lawn 5, Sec 25E, Sp 5a.	See Jerry Olson Gps of tombstone by Jerry Olson: 47°42'07.8" 117°29'20.4" ± 28 ft	1869-1943	Born in New York, he moved with his family to Ohio in 1880 and later to Spokane in the 1880s. Roy graduated in Mining Engineering from the University of California at Berkley in 1894. While there he played tenor sax in the Military Band in 1893. His father was City Commissioner of Spokane in 1900 while Roy was living at home and working as a mining engineer. Roy was in Kellogg, ID. in 1910 and Mount Hamilton, CA in 1920. In 1935 he was elected as President of the Northwest Mining Association. He died in Kellogg, ID in 1943 the result of a 30 foot fall while inspecting a mine. Roy surveyed 78 Mining Claims in Northeastern Washington between 1902 and 1916, plus many more in Idaho. His papers are on file at the Eastern Washington State Historical Society.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Clarke, William Higgins	Contract 202 (with James W. Shannon)	1899	USDS			Buried in Green Acres Memorial Park in Ferndale, Washington	photo	1859-1935	<p>Born in Illinois, the son of a teamster, William was living with his family in Cook County, Illinois in 1870. By 1880 they had moved to a farm in Wisconsin, where William was a farmer. William married Florence M. Hewitt in his Wisconsin home town of Gratiot in 1893, and they had several children. He was in Moscow, Idaho in 1896 as a merchant and active in the Populist Party. He moved to Grangeville in early 1899 and formed a business partnership with Idaho County Surveyor, James W. Shannon, mostly in Real Estate. Later that year they were awarded a Joint Contract for four townships East and North of Grangeville. They were surveyed by both in 1899, examined by Frank Brigham in 1900-1901, and suspended in 1903.</p> <p>After failing the order to hire a compassman, they were rejected. Sonnenkalb and Turley eventually surveyed them in 1906. William moved to Whatcom, Washington in 1903 for what he saw was a better business environment. He was a laborer in odd jobs in 1910, a clerk in 1911, and retired in 1930.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Cohen, Dave J.	Clerk	1895	Dr/Clerk		Died in San Francisco in 1946.	#REF!		1866-1946	Born in California, David attended grade school only and married Gussie Goldstone in 1888. He worked as a bookkeeper in Boise in 1891 was appointed a Transcribing Clerk in the Surveyor General's Office of Joseph Straughan in 1895, continuing until 1897, and then a bookkeeper in Boise in 1900. The Clerks in the Surveyor General's Office sued the GLO for Civil Service infractions and David was awarded back salary of \$578 in 1904. David was noted as a retail clothier in 1910, also in Boise. David moved to San Francisco by 1920, where he was a credit manager for a retail store in 1930 and unemployed, living alone in the Fairfax Hotel in 1940.
Cohn, Mathilda, Miss "Mattie"	Clerk	1892	Dr/Clerk			Buried in Morris Hill Cemetery, Boise, Idaho	photo	1870-1948	Born in Idaho, the daughter of a German immigrant tailor, Mattie lived in Boise all her life. She graduated from High School and attended Eastman College in New York. By 1892, Mattie was listed as "Mattie Cohn", stenographer, in the Boise Directory and was listed in the 1892 Register as a Stenographer and Typist in the Surveyor General's Office of Willis H. Pettit in Boise. She married merchant William Stark in 1894, and they had one daughter, Marion Stark, in 1896. William owned the Falk Mercantile Co. in Boise in 1936, and died in Boise in 1940. Mattie died there in 1948.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Cole, Harry B.	Special Instructions	1909	USDS						ID PLS 191. Member Idaho Society. of Engineers. Harry B. Cole surveyed an island in the Snake River under Special Instructions in 1909 just Southeast of Boise. One candidate was Harry J. Cole, a surveyor on the 1910 census in Boise that was a surveyor for irrigation. He later was listed as a government surveyor. His signature on his draft registration does not match the signature on the survey. Both Harry J. and Harry B. Cole were licensed surveyors in Boise in 1910 and 1914. Another candidate was Harry B. Cole, a stock broker in Utah specializing in mining stock, but he never appears in Idaho. A third candidate was Harry Bullock Cole, a farmer at Leland in Nez Perce County, who never left the farm and also has a signature that does not match. It appears that H. B. Cole, the surveyor, never left his tracks in the Idaho Census.. The search will continue.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Collard, Isaac Newton	Contract 27	1871	USDS			Buried in Masonic Cemetery, McMinnville, Oregon	photo	1848-1929	Born in Oregon, the son of a blacksmith, Isaac's family resided in Washington County in 1850 and Clackamas County in 1860. At some time, he had participated in the survey of the Oregon-Idaho State Line. He was noted as the last of the Indian scouts and an interpreter. Isaac was an axman for Henry Meldrum East of Gresham, Oregon in 1869 and was a chainman for Samuel Campbell in Idaho in 1871. He received Contract 27 in Idaho in 1871 for 12 townships on the Oregon border South of Coeur d'Alene and used Henry Meldrum as a chainman on one crew.
Collier, Henry Latimer	Special Instructions	1894	SES	yes	See Jerry Olson, from Engineering News Record, 1915.	buried in Oakland Cemetery, Atlanta, Georgia in the family mausoleum	Photo Gps of family mausoleum by Jerry Olson from Billion Graves: 33°44'51.1" 84°22'24.9"	1853-1925	Born the son of a Judge, Henry graduated from the University of Georgia in 1872 in civil engineering. From then until 1889, he was a surveyor and engineer for railroads in the Southeast, working up to Chief Engineer of the Atlanta and Florida RR. He was then engaged in contracting and granite quarries until 1892, when he was appointed an Examiner of Surveys in several states in the West from 1893-98, performing 21 examinations in Oregon in 1893-94 and 6 exams in Idaho in 1894.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									One of his tasks was to examine the corrections of the Benson surveyors after they did the corrections promised in the great compromise in 1894. They never did the corrections, but Henry was dismissed for taking too long to approve the surveys. The Benson surveys were approved, and they were paid the money due them for the fraudulent surveys. He returned to railroads in 1898 as Chief Engineer for the Tifton and Moultrie RR in Georgia, and then the Georgia and Florida RR. He was appointed a Commissioner of Public Works in Atlanta in 1901, and consulting engineer for the Yellow Pine Manufacturing Association in 1911.
Collier, Robert Edward Lee	Mineral Surveys	1902	USDMS			Buried in Salt Lake Cemetery, 49614 PARK-7-3-SE4-1	photo	1862-1930	Born in Alabama, Robert graduated from the Alabama Polytechnic Institute and then went to work for the Great Northern RR in Montana. He moved to Utah in the early 90's and became construction engineer for the Denver and Rio Grande RR, building the Sanpete branch. Robert married Estelle Viola Rogers in Utah in May 1891, who would at some time get the political plumb of the first woman to get the job of U. S. Customs Inspector, being appointed by Woodrow Wilson.
									Robert was then associated with the Utah Copper Co. when their first mill was built. He was a civil engineer, surveyor, or mining engineer in Salt Lake City from at least 1900-1930 when he died there after a six week illness at age 50.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Connor, Patrick Edward Jr.	Contract 150 (with James M. Porter)	1893	USDS			Fort Douglas Post Cemetery, Salt Lake City, Utah	photo Gps of gravestone by Jerry Olson from Billion Graves: 40°45'36.2" 111°49'28.1" ± 20 ft.	1866-1916	Born in Utah, Patrick was living with his mother in California in 1873-80 as a student at Santa Clara College. He was nominated by a Congressman and accepted at West Point in 1883. but could not pass the physical exam.. His father was General Patrick E. Connor, who was best known for the Bear Creek Massacre in Shoshone County, Idaho in 1863, where over 240 Indians were killed. After his military service, he went on to become an important figure in mining in Nevada and Utah. When he died, he was called the "Father of Mining in Utah.
									Peter Jr., received a Joint Contract with James M. Porter in 1892 for 9 townships in North Central Idaho, and they both signed the final oaths. Patrick married Annie May Scott in 1896 and was a civil or mining engineer in Salt Lake City. He worked in the City Engineer's Office for 20 years and was known as an excellent draftsman. Patrick died in 1916 of heart disease at age 50, and Annie died the year before.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Conrad Charles Frederick	Special Instructions	1888	Dem SES		yes, from www.ranger95.com	Buried in Mount Hebron Cemetery, Winchester, Virginia in the family plot	photo Gps of tombstone from Billion Graves: 39°10'58.9" 78°09'28.8" ± 20 ft.	1844-1911	Born in Virginia the son of the Attorney General of Confederate Virginia, Charles attended Winchester Academy and enlisted in the Confederate Army, bringing his own horse. He served for 7 months until he was severely wounded, and his horse was killed. He returned to duty several months later. He was on the list of POW's discharged at Winchester in 1865. Charles attended the Virginia Military Institute in engineering, Class of 1865, for one year either before or after the war, and was the engineer for the layout of the Lehigh to New York Railroad. Charles married Mary Louisa Grant in South Carolina in 1874, and they had two children. At some time, after the war, Charles Grover Cleveland was elected the Democrat President of the United States in 1884, ending a run of Republican Presidents for 16 years. Charles' brother Holmes was named the U. S. Solicitor General in Washington, D. C., and about that time Charles was appointed a Special Examiner of Surveys. One of the tasks given him was to investigate John A. Benson and all the members of the Benson Syndicate. He began with George Perrin and went at it with enthusiasm, declining probable bribes to quit.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>From 1886-1889, Charles interviewed nearly all of the potential Benson men. Some like Charles Holcomb, freely talked about what they did, but Holcomb said he never had a Contract, but had signed some blank oaths for Benson to use as he saw fit. He explained the procedures used by Benson was to do a little skeleton surveying to furnish the topog., and to set a few corners for the settlers to see. The notes as such were turned over to Benson to use to create a full set in the office in San Francisco. On one occasion, while interviewing George Perrin, Conrad showed him the bond given by a Perrin friend to guarantee the Contract. Perrin put it in his pocket, refused to return it, and gave it to his friend after the meeting.</p>
									<p>Grover Cleveland was not elected in 1888, and a new Republican President took over in 1889 in January. This brought back many of Benson's friends to office. The first trial was set in early 1889, and on the eve of the trial, Conrad was dismissed by the new Secretary of the Interior, telling him to turn over all of his papers to the California Surveyor General. He was not going to be used to testify against Benson. The trial was a mess, with a Benson ally doing the prosecution without Conrad. He told his staff ahead of time, "We do not really want a conviction." They did not get a conviction, and the government had to regroup.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Conroy, Thomas	Clerk	1869	Dr/Clerk			buried in St. John's Cemetery, Boise, Idaho		1827-1920	Born in Ireland, Thomas was a messenger in the Surveyor General's Office of Edward Ruger, Lafayette Cartee and William Chandler from 1869-81. He was farm laborer in Ada County, Idaho in 1870 and was lodging with Nelson Kimball and Theopolis Randall in Boise in 1880 as a laborer. Thomas was appointed as the gardner of the Courthouse grounds in 1903 and kept that position for many years. Thomas was a yardman in Boise in 1910 and continued in Boise until he died there in 1920, never having married..
Craigue, William Horace	Mineral Surveys	1902	USDMS			Buried in Grandview Memorial Park and Crematory in Glendale, California, C-Sec-523, Crypt D, next to his wife who is interred in West Mausoleum, Section 524, Crypt C	photo Gps of Mausoleum from Google Earth: 34°10'20.3" 118°16'48.9"	1869-1943	Born in Kansas the son of a grocer, William was living at home in Colorado Springs, Colorado in 1880. He was a USDM in Colorado Springs, Colorado in 1887. He graduated from the Colorado School of Mines in 1889 and married Pearl Baird Austin in Golden, Colorado in 1890. They moved to Cripple Creek and had two children before divorcing in 1902. It was noted in Pearl's obituary in 1939 that William had died in 1902, but in that year William married Eljiva Virginia Sherman in Salt Lake City. Pearl continued in Cripple Creek, but then went to New York to study art. William was an assayer in Teller, Colorado in 1900 and a USDM in Salmon, Idaho in 1902.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>William surveyed a Placer Claim near Salmon, Idaho in 1903 and went on to survey 13 more Mineral Surveys near Salmon from 1904-1906. William retired as Lemhi County Surveyor in 1907 and was living with his wife and her mother in Nye, Nevada in 1910, where he was a mining engineer. He was a civil engineer in private practice in Washington D, C. in 1920 and a mining engineer for the U. S. Government there in 1930 and 1935. William co-authored a book, "Principles of Valuation," with two Treasury Department Engineers in 1923. Eljiva was enjoying the Bureau of Mines social circle. William was retired in Los Angeles in 1940 and died there in 1943.</p>
Cram, Daniel	Draftsman	1869	Dr/Clerk			Died in San Francisco, buried in Greenlawn Memorial Park, Colma, California after being removed from Odd Fellows Cemetery, San Francisco		1817-1886	<p>Born in New Hampshire, Daniel had a wife and five children in Boston in 1850. He was appointed the combined job of Territorial Treasurer and Superintendent of Public Instruction in 1867, and in 1869 he was appointed a Draftsman in the Surveyor General's Office of Lafayette Cartee, serving until at least 1873. In 1872 he paid \$500 to be appointed Territorial Controller by Governor T. W. Bennett. He continued in that role until 1873, when he refused to pay another \$300 bribe to Territorial Governor Bennett to keep his job, and quit .</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Late in 1873, a Grand Jury was convened to deal with a \$537 withdrawal of public funds by Daniel, but no indictment was issued. Daniel was in San Francisco in 1880, noted as still married, working as a night watchman. He died in San Francisco in 1886 and was buried in Odd Fellows Cemetery there, but later moved to Greenhorn Memorial Park in Colma.
Crumly, Harvey Derbyshire	Contract 329	1910	USDS		See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/crumlyharveydbio.pdf	Died in Los Angeles, buried in Rose Hills Memorial Park, Whittier, California, Sunny Slope Lawn Burial Section 1, Burial Lot 816, Grave/Niche 1 Entrance Gate		1868-1960	Harvey was born in Iowa, the son of a County Surveyor, and graduated from Penn College in 1895. He was the principal of Havilland Academy in Kansas for three years, with his soon-to-be wife Olive Folger as assistant, and while there became an ordained Quaker minister. From 1898 until at least 1905 he lived on a fruit ranch in Colorado and practiced his ministry. From 1908-1911, he was in Washington surveying Contracts 668 & 669, and in Idaho in 1910 surveying Contract 329 for 13 townships. He left seven of them unsurveyed, and was part of Group 10 in the Direct System while in Washington in 1911. By 1920 he was back in Grand Junction, CO on his farm. Harvey moved to California sometime after 1930, and died in Los Angeles. (biography)

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Custer, Henry	Special Instructions	1857	USS Topog			Died and is buried in Switzerland		1827-1889	Born in Switzerland, Henry came to the the United States 1n 1849 and settled in California. He joined the Northwest Boundary Commission survey and began the initial reconnaissance of the Skagit River Basin and Whatcom Pass to facilitate access for the astronomeers. Henry climbed some 20 peaks in a short time to get better visibility, logging many initial ascents. Henry served the rest of his time until 1861 as a topographer. He returned to Washington D. C. and married Margaret Agnes Faherty in 1877. Henry secured a passport in 1887 to return to Switzerland and died there in 1889. He is the namesake of Custer Peak in Glacier National Park.
Darby, Thomas Lilly	Mineral Surveys	1902	USDMS	yes	yes, from obituary	Died in Louisville, Kentucky, buried in Lexington Cemetery, Lexington, Kentucky		1850-1924	Member AIME. Born in Kentucky, Thomas left Kentucky in 1868 and spent the next 52 years working out of Denver, with a period of residence in Leadville, Colorado. He was a U. S. Deputy Mineral Surveyor, Geologist, and Metallurgist, and spent some time on consulting engineering in irrigation and railroads. In 1877-78, he was in the Colorado Surveyor General's Office as a Clerk and Civil Engineer.
									Thomas was appointed a USDMS in Idaho in 1902, but never finalized a survey. He was particularly involved with the Denver and Rio Grande RR. Because of poor health, Thomas left Denver in 1920 and returned to Kentucky, where he lived with a niece until he died in 1924. He never married.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Darlington, Edward Brinton	Mineral Surveys	1901	USDMS		yes, from obituary	#REF!		1873-1941	<p>ID PLS. Member ASCE. Born in Pennsylvania, the son of a railroad clerk, Edward attended college for one year before coming to Boise, Idaho in 1893 and married Mabel Rebecca Dratz in 1899, a home town girl from Pennsylvania. He was bonded as a U. S. Deputy Mineral Surveyor there in 1901 before surveying five Mineral Surveys near Boise in 1902. Edward lived in Boise until at least 1908.</p> <p>In 1907 Edward was commissioned by the State to survey the entire valley near Twin Falls/Idaho Falls, and accomplished it with a 20 man crew. (At a cost of about \$0.05 per acre) Edward was in charge of the State Wagon road up the Boise River to Atlanta in 1906. He was in Hollister in 1911-16 as the Water Master of the Salmon River Reclamation Project and in Jerome as the Chief Engineer of the Twin Falls North Side Land and Water Company in 1918-20. From 1923-35, he was a Member of the Committee of Nine, an advisory board for the operation of Snake River irrigation projects.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									At that time, Edward was also the superintendent of the Bureau of Reclamation Minidoka Irrigation Project, containing 60,000 acres. Edward worked as a superintendent for the Bureau of Reclamation at Burley in 1930 and 1935 and retired in 1935 to Santa Monica, where he died in 1941. The Secretary of State appointed him as a Member of the State Board of Engineering Examiners in 1920. Edward was tall with light blue eyes and light red hair.
Darrah, Charles John	Special Instructions	1859	Astr	yes	yes	Died at Kirklee in Bombay, India		1835-1871	Born in Sri Lanka, the son of a soldier, Charles graduated from the royal Military Academy and was commissioned in the Royal Engineers in 1854, and was commissioned as a First Lieutenant at the same time. Charles served at the siege of Sebastopol in 1855 and then was employed on the British Northwest Boundary Commission as the Assistant Astronomer and Surveyor in 1858 for the survey of the North Boundary of Washington, Idaho and Montana.
									Together with Robert W. Haig, he was responsible with the observations of Latitude and Longitude along the border from 1858-1962. Charles was promoted to Major in 1858 and was later employed on the construction of the Abyssinnia RW after leaving the Boundary Commission. He died in Bombay in 1871.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
David, John Benton	Contract 17 (as compassman for David P. Thompson for portions)	1869	Comp USDS	see Jerry Olson	See Jerry Olson, from Find a Grave for Bio of his first wife.	His first wife is buried in Redland Pioneer Cemetery, Redland, Oregon. John is buried in the Mountain View Cemetery, Oregon City, Oregon, Masonic Section, Block 21, Lot 3.	No marker Gps of gravesite by Jerry Olson: 45°20'37.2" 122°35'17.1" ± 7 ft.	1841-1908	<p>Born in Illinois, John moved with his family to Wisconsin in 1847, where his father was a prosperous merchant and farmer. He attended Lawrence University of Wisconsin for an unknown time. His father formed a Company for the Civil War, and was named Captain. John was a Sergeant in the Wisconsin Infantry from 1861-64, and was part of the Iron Brigade. He fought at Bull Run, Antietam, Fredericksburg, South Manassas, Gettysburg, South Mountain, Gainesville, and Blackburn Ford.</p> <p>He was wounded and captured at Gettysburg, and was held at Belle Island and Andersonville for 18 months. After the war, John came to Oregon City with his father and brothers in 1867 over the Oregon Trail. He was a compassman for David Thompson in 1867 for five townships South of Boardman on Joint Contract 122. That was followed up by seven townships as compassman, again for David Thompson, on Joint Contract 124 Southwest of Bend. He married Mary Etta Wright in Oregon City in December of 1868. John received Contract 126 on his own in early 1869 for five townships at Oakridge, and used surveyors William Pengra and George Newman as chainmen.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>John was awarded Joint Contract 131 with David Thompson and Bynon Pengra in June, 1869, and his share was 20 townships and 96 miles of Standard Parallel, with part East of Boardman, and part West of John Day. He used George W. Newman as compassman. While he was on this Contract, Etta died after childbirth in September. John remarried to Juliette Saffarrans in 1871, and they had five children. John was a compassman for David Thompson in Idaho in 1870 on the Fort Hall Reservation survey, and surveyed a small Contract on his own in 1871 in Wasco County.</p>
									<p>John continued surveying in Idaho as a Deputy Surveyor from 1870 until at least 1884, with 24 Contracts involving approximately 418 townships. Along with Wilson Bell and Allan Thompson, John pretty well dominated the Contracts in Idaho for the first 15 years. On one in 1880, he continued the Boise Meridian North from the Clearwater River, somehow creating a 20+ chain error in the Meridian. On his last two Contracts, he used Hezekiah Johnson as the compassman. John and his family were listed in the Oregon City, Oregon Census in 1880, with John as a Surveyor. He also had at least one Contract in Utah in the early 80's. His last Contract in 1884 was just before Commissioner Sparks imposed the severe reforms to the Contract System.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>While surveying in Idaho, he consistently used a three man crew except where the Manual required more. He maintained his relationship with David Thompson and became a contractor to build the OR&N Railroad from Pendleton to Huntington, and later was also the contractor for the jetty at the mouth of the Columbia River. He bought a 347 acre farm two miles North of Spring Brook, near Newberg and was a delegate to the Republican National Convention in 1876. In 1888 John and two others built the Portland and Vancouver Railway, a narrow gauge RR from East Portland , through Albina, to the ferry dock across from Vancouver. They sold it in 1892.</p>
									<p>John returned to GLO work in Oregon in 1898 to survey Joint Contract 684 with Hezekiah Johnson for four townships South of Boardman. Next came Joint Contract 697 with Harold Rands in 1899 for eight townships Southwest of Ontario. Both were examined but there does not appear to be any corrections in the field in the record. He was a farmer with his family in Newberg, Oregon in 1900. John was 6 feet two inches tall and of sturdy stature. He was living in a room on Second Street in Oregon City when he died in 1898. John is buried in an unmarked grave in Oregon City.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Denison, Charles Simeon	Special Instructions (with Rollin J. Reeves and Ezra L. Smith) (6/6/1873)	1873	Astr USDS	see Jerry Olson	See Jerry Olson, from web, Go To: http://www.olsonengr.com/download/globios/denisoncharlesbio.pdf	Died at Ann Arbor, Michigan, buried with his wife, parents and sister, Alice, at Keokuk, Iowa in Oakland Cemetery, Block 24.	See Jerry Olson	1849-1913	<p>Charles was born in Gambier, Ohio, the site of Kenyon College. His father spent three years at Dartmouth and then graduated from Kenyon in 1829, and after taking graduate work at Yale, became Professor of Mathematics and Natural Philosophy at Kenyon. In 1853 his father took the position of head of St. John's Church, Keokuk, Iowa. After his father died in 1861, his mother returned to their former residence in Lockport, New York, where Charles was prepared for the classical collegiate course.</p> <p>He worked part time as a surveyor before entering the old Military School of Norwich. After a year, Charles transferred to the University of Vermont and after three years, received the degree of B. S. in Civil Engineering in 1871, with the highest rank ever. He worked the winter of 1871-1872 on a RR survey, and in April 1872 was appointed an instructor of engineering and drawing at the University of Michigan. The summer and fall of 1873 were spent as the astronomer for the Washington/Idaho Boundary Survey with Rollin J. Reeves and Ezra L. Smith. The survey finished in heavy and deep snow, and food consisted of flour only for the last three weeks.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Charles progressed over the years at the University of Michigan, becoming an Assistant Professor in 1882, chair of a department and a professorship in 1885, and in 1888 took a sabbatical to travel Europe for several months. In 1901 he was named Professor of Steriotomy, Mechanism and Drawing by the Board of Regents, which title he held until his death in 1913. He is the namesake of the Denison Archway in the West Engineering Building at the University of Michigan.
Dent, Louis Lee	Special Instructions	1897	SES	see Jerry Olson		Buried in Bronswood Cemetery, Oak Brook, Illinois, D62	See Jerry Olson	1871-1950	Born on the Dent farm in Dent County, Missouri, Louis went on to graduate from Harvard University in 1893 with degrees in Law and Civil Engineering. He was a practicing attorney in Chicago for his entire career, except for at least two periods where he had a Contract as a Special Examiner of Surveys. One was before 1898 in Colorado, Idaho and Wyoming, and the other was in at least Washington State in 1909.
									In 1898 he was a Professor of Law at Northwestern University and published a book, "Federal Control over Interstate Commerce." In 1929 and 1933, he was president of his village of Riverside, Ill. In the 1930's and 40's Louis appeared several times at the appellate level of court. He was 6' 3" tall.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Dickert, Ferdinand	Mineral Surveys	1878	USDMS	yes, see Jerry Olson		buried in Mount Olivet Cemetery, Salt Lake City Utah	photo	1861-1907	Born in Germany, Ferdinand came to the U. S. in 1867 and married in Utah to Fanny Parsons in 1875. She was an adopted child and died after four children in 1882 at age 25 of complications from her recent childbirth. Ferdinand surveyed two Sulphur Mineral Claims that he owned in Idaho in 1878. He was a mining engineer in Salt Lake in 1880 and remarried to Wilma Faber du Faur in Utah in 1886. They had one child in 1888, and Ferdinand was a mine manager in Montana in 1900.
Diehl, Leonard George	Contract 275	1906	USDS	yes	yes, from obituary	Buried in Washington Heights Memorial Park, South Ogden, Utah	photo	1881-1856	Born in Massachusetts the son of a merchant, Leonard graduated cum laude from Amherst in 1905, where he was also outstanding at football. He came to Idaho after school and was a chainman for William D. Bush in 1905 before receiving a Contract for three townships on the Boise River in 1906. USDS George W. Fendley was a chainman for most of the work. Leonard partnered with Albinus Kimmell in 1907 for 14 townships in the Boise Valley North of Jerome. His last Contract was on his own in 1908 for two townships on the Snake River East of Mountain Home.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Leonard was living as a real estate agent in Kings Hill in 1910. His School Directory noted he was a surveyor in Kings Hill in 1911, apparently after he joined the Direct System. Between 1911 and 1914, he worked in Idaho, Oregon, and Montana. for the GLO. When he left, Leonard started as a salesman for the Butte Miner, working up to General Manager. He married Alyce B. Monnier in Montana in 1912, and they had two children by 1920, but divorced by 1930. Leonard remarried to Irene G. Begley in Spokane in 1930. He purchased the Everett News in 1931 and closed it in 1937, and while there, his only son drowned in Puget Sound. Leonard then became General Manager of the Ogden Standard-Examiner and ran it until he retired after 1954.
Diers, John Henry "Henry"	Special Instructions	1910	USDS HES	yes	yes, from obituary	Died in Toronto, Canada, buried in Park Lawn Cemetery, Toronto, Canada		1859-1928	ID PLS. Born in Germany, John came to the U. S. in 1882 and was naturalized by 1900 when he was a florist in Sullivan, Illinois. There was a J. H. Diers as City Engineer of Skagway, Alaska in 1900. John had been married to Susan Jane Robbins in Illinois in 1888, who already had two children, , and they had six more children by 1900 for a total of eleven by 1913.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									John moved to MacKay, Idaho by 1907, where he became a PLS in about 1908 and surveyed a Homestead Entry Claim in the Sawtooth National Forest in 1910. He surveyed another Claim in the Lemhi National Forest in 1911. John and Susan moved to Boise for better help for Susan's health, and she died there in 1920. He worked as a bookkeeper in Boise in 1920, and remarried to Margaret Anne MacPhadyen in 1924. John died in Boise of a heart attack in 1928.
Dike, James E.	Contract 144 (with Amos D. Robinson)	1892	Dem USDS						Born the son of a farmer, James was listed as a Farm Hand at home in 1870. He was attending Fryeburg Academy in 1871 and graduated as a civil engineer from Maine State College of Agriculture in 1876, the predecessor of the University of Maine. He was Clerk to the Water Board in Kansas City in 1879 and moved to Fargo, North Dakota by 1880, where he was listed as a U. S. Surveyor. From 1882-85, he was a U. S. Deputy Surveyor in Grand Forks, North Dakota, and hired out to help settlers find some land.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									James married Zelma Jane Chapman in Maine in 1884. She was listed as entertaining with her voice while there and ran ads advertising vocal instruction. Along with his surveying, James was a grain dealer from at least 1887-88 in Grand Forks. James was appointed the City Engineer of Devils Lake, North Dakota in 1888. He continued as City Engineer and County Surveyor there until 1890, when he was a civil engineer in Post Falls, Idaho and then a civil engineer for the GNRR in Davenport, Washington. James received a Joint Contract for 24 townships North of Coeur d'Alene, Idaho with Amos Robinson in 1891. They appear to have shared the work and mostly both signed the oaths. They were examined and had to return in 1893 for some corrections, receiving approval in 1896. James and Zelma were back in Orono, Maine in 1897, and James died there in 1899 of kidney disease.
Donaldson, Thomas Corwin	Clerk	1874	Rep Dr/Clerk	yes	yes, from obituary	buried in Woodlands Cemetery, Philadelphia, Pennsylvania	photo	1843-1898	Born in Ohio as the son of the Mayor of Columbus, Thomas graduated from Capital University in Columbus before he enlisted in the Union Army in 1862.. He was wounded and forced out of the army, only to return under an alias and finish the war in 1865, ending as a Lieutenant. . Thomas then studied law and passed the bar in 1867.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Thomas married Mary J. Gormley in 1868 and in 1869 was appointed as the Registrar in the Idaho Land Office. The 1870 census showed him as an attorney at law, living in Boise in the house between Surveyor General, Lafayette Cartee and the Chief Clerk William P. Thompson. Thomas was a Transcribing Clerk in the Surveyor General's Office of Lafayette Cartee for a few months a year between 1873-75. At about the same time, he was a Clerk in the U. S. Court in Boise and superintended the construction of the State prison at Boise. Thomas was a Colonel in the Idaho Territorial Militia, a declined when offered the position of Governor of Idaho by his close friend, President Rutherford Hayes. He was a delegate to every Republican National Convention from 1868-96.</p>
									<p>Thomas was an author and collector. He was the author of: The Public Domain, Its History with Statistics, 1884 (eight years and 2000 pages); The George Cotter Indian Gallery in the national Museum, 1887 (four years); Walt Whitman, the Man, 1896; The House in which Thomas Jefferson wrote the Declaration of Independence, 1898; Some of the People I h]=Have Met, 1898; and Experiences in Idaho Territory, 1898.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>As a collector, his collection was not excelled by any private collections, and very few museums. His pictures contains works by two dozen contemporary artists. His collection of autographs and letters was unrivaled. The Indian collection includes pottery of the extinct mound builders, pipes, head-dresses and horse equipment from nearly every tribe of the American Indians. There is: Garfield's Chair from the White House; Lincoln's parlor furniture; General Grant's chair; Thaddeus Stevens snuff box; General Sherman's sword and a bit from his favorite horse; Henry Irving's sword from "Hamlet"; Walt Whitman's chair and cane; Chief Brandt's tomahawk used in Wyoming massacre; Salvini's shoes worn in Othello; Sara Bernhardt's handkerchief and the earliest edition of Martin Luther's Bible.</p>
									<p>In the years 1890-93, Thomas was in charge of the Indian portion of the 1890 census. He acquired about 1500 photographs to illustrate his report "The Deport on Indians Taxed and Not Taxed in the United States". Thomas continued in Philadelphia, until he died there in 1898 at age 55. "Mr. Donaldson's home has been the resort of the foremost men of the stage, politics, pulpit, art and daily life" (obit)</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Dunniway, Robert M.	Contact 36 (as compassmen for David P. Thompson for portions)	1872	Comp	yes	yes, short on on Find a Grave	Died in Salem, Oregon, buried in Rock Creek Cemetery, Salem, Oregon, Blk 4, 3W Plot 23.1	Phoito	1849-1873	Born in Illinois, Robert came to Oregon with his family in 1852 over the Oregon Trail. His mother died on the way of cholera and they settled near Needy, Oregon just South of Canby. His father died in 1856, and Robert was raised by a married sister near Molalla, Oregon. Robert began working for John Meldrum as an axeman in 1868 in Clackamas County, and continued through nine assignments for various Surveyors until 1870, when he was promoted to chainman for David Thompson.
									Robert then worked at that for David Thompson and John Melsrum until 1872 when he followed them to Idaho, where he was named a compassman for David Thompson on the Coeur d'Alene Indian Reservtion. Robert returned to Salem where he died on February 5, 1873 at age 24, 3 months after he signed his final oath in Idaho.
Eagleson, Benjamin Clyde "Clyde"	Clerk	1903	Dr/Clerk			Morris Hill Cemetery, Boise, Idaho, Hill, A, 42, 7		1878-1956	Born in Iowa, Clyde graduated from high school and remained there until 1900, when he was an agent for a broom factory. He married Laeta Jaques in Weber, Idaho in 1901 and was appointed a Clerk in 1903 in the Surveyor General's Office of his cousin, Ern Eagleson. He lived in Boise the rest of his life, being noted as married and a cashier in a bank in 1910. By 1918, Clyde was a deputy clerk in the court house, and was at least separated from Laita. In 1920 Clyde and Laeta were noted as

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Clyde remarried to Laura Minerva Kulow Ruggles in Boise in 1922. He continued as a deputy clerk until at least 1940, and died in Boise in 1856. Apparently Clyde and Laeta purchased 160 acres of timberland by Cash Sale in 1903-04 North of the Boise River from the Federal Government via the Timber and Stone Act. The ultimate owner, the Barber Lumber Company was in the Ninth District Court in San Francisco over the title in 1903 in a case involving fraudulent conspiracy to purchase government lands.
Eagleson, Ernest George "Ern"	Surveyor General	1902	Rep S G	yes, from Find a Grave	yes, from Idaho, Gem of the Mountains, 1899.	buried in Morris Hill Cemetery, Boise, Idaho.	photo Gps of gravestone from Billion Graves: 43°36'34.6" 116°13'59.9" ± 10 ft.	1864-1956	ID PLS 137. ID PE 53. Born in Cadiz, Ohio, Ernest moved with his family to Iowa in 1871, and later to Nebraska. He graduated from the University of Nebraska in Engineering in 1889. After school he was employed in RR construction as an engineer for the Burlington RW and then by Union Pacific Coal Company of Wyoming.. Ern was appointed City Engineer of Boise in 1893 and served less than continuously for eight years.
									Ern served one term as Ada County Surveyor. He was appointed Surveyor General of Idaho in 1902-08, and appointed a carryover Democrat Clerk as Acting Chief Clerk. Commissioner Richards appointed he friend, Alexander Schlegal as Chief Clerk and the battle began. Ernest asked Schlegal to resign, and the Commissioner asked Eagleson to resign if that was his position. The Commissioner won. Ernest married his former Clerk, Viola Scully in 1907.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Late in 1907, the Commissioner made a secret investigation of Eagleson, and President Teddy Roosevelt asked Eagleson to resign. He did, and Darwin Utter took over the office in March, 1908. During his time in Boise, Ern participated in various engineering projects: Twin Springs Placer Mining Company on the Upper Boise River; the New York Canal; Chief Engineer for the Boise City Carey Act for 150,000 acres South of the Boise River; and the first study of the Arrowrock Reservoir Project. Ern was elected Mayor of Boise in 1919 and was in office for eight years. He is the namesake of Eagleson Summit in the Boise National Forest.
Edelblute, William Harvey	Mineral Surveys	1909	USDMS	yes	yes, from obituary	Died in Rathdrum, Idaho, Buried in Pine Grove Cemetery, Rathdrum, Idaho, Old Section, Blk 35 Lot 4	photo	1970-1954	ID PLS 72. Born in Kansas, William graduated from Kansas State College in 1892 and came West a year later. He taught school at Harrison, Farmington and Garfield, Washington and the at St. Maries, Idaho. At age 32 William married 16-year-old Emma Amanda Burns in 1902 at Rathdrum, Idaho, and they had five children.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>William served many years as a consulting engineer to the Washington Water Power Company following the construction of the Post Falls Dam in about 1906. This was at a time easements were being obtained to allow for the higher water level. William was in ROTC in Kansas and enlisted in the Idaho National Guard when it was formed at Rathdrum. He opened an office in Rathdrum in 1909, noting that he was a U. S. Deputy Mineral Surveyor and that he had been County Surveyor for eight years. Before he went on Active duty, William served in the Idaho Legislature ending as the Chairman of the Ways and Means Committee.</p>
									<p>William was the Commanding Officer of the Idaho Regiment at the Mexican Border in 1916 and was the Commanding Officer of the 146th Field Artillery and two other units in World War I in France, ending in rank as a Colonel. He was listed as a civil engineer in Rathdrum in 1910 and 1920, a poultry farmer in 1930, and a farmer in 1940. William died in Rathdrum in 1958.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Elder, Oren Gibson	Clerk	1901	Dr/Clerk	yes		buried in Morris Hill Cemetery, Boise, Idaho	photo	1858-1932	Born in Maine, the son of a tailor, Oren was an apprentice to an engineer in Massachusetts in 1880. He married Josephine Ann Walker in 1894, and was a draftsman in the Surveyor General's Office in Boise by 1900. At that time he was required to pay \$15 to the Republican reelection campaign to keep his job, even under civil service. It appears that he worked in that capacity for the Surveyor General and succeeding transitions until at least 1930.
									Oren was shown in the 1919 Directory as the Chief Draftsman. Oren and Josephine lived on a small farm outside of Boise.
Elder, Robert	Chief Clerk in Oregon Surveyor General's Office (10/15/1851)	1851	Whig Ch Clerk			Died in Cascade Township, Olmsted County, MN., Buried in Oakwood Cemetery, Rochester, Minnesota	see Jerry Olson	1813-1872	Robert was born in Orwell, Kinross, Scotland, and immigrated to the U. S. with his parents and brothers in 1827. From 1837-1849 he was an assistant engineer under John Preston on the Michigan-Illinois Canal in Lockport, IL, before going to California to the mines at Marysville. Instead of mining, Robert surveyed townsites, "paper plats", in California. From there, he arranged to go to Oregon with John Preston to take a position as Clerk in the Surveyor General's Office. After arriving and while waiting for the position to open up, he surveyed on the plat of Oregon City until he started as Chief Clerk in 1851. In April 1852, he resigned to take his own contract.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Robert obtained a passport in 1858 (He had been naturalized in 1856.) to travel to Scotland and back. He was living with his brother, James, in Illinois in 1860 as a farmer. In 1870, both he and his brother John were living with James in Olmsted County, Minnesota. He was listed as a civil engineer. Robert died of TB in Cascade Township, Minnesota in 1872, and apparently never married. He was described as 5' 9" tall and having brown hair, a long oval face, high forehead, prominent nose, large mouth and an indented chin. Kimball Webster wrote that he was eccentric and kind. See OR GLO Surveyors for the maintained version of this information.</p>
<p>Elliott, Holland Rutledge</p>	<p>Contract 273 (with Charles C. Stevenson)</p>	<p>1906</p>	<p>USDS</p>					<p>1867-</p>	<p>ID PLS. Holland was born in Illinois, the son of a farmer. He married Emilene "Emma" VanDever Grantham in his home town in 1889. She must have been married before, because her surname at marriage was Grantham. A daughter was born in Alabama in 1890 and another daughter was born in Canyon County, Idaho in 1893. Holland's father died in Boise in 1898. Holland was living in both Boise and Cambridge in 1899, but by 1900, Emma was not around and the two daughters were living with an uncle and their paternal widowed grandmother in Middleton, Idaho. Holland was still in Cambridge, Idaho in 1904 where he was appointed a Notary Public. He was licensed as an Idaho PLS in Boise in 1904.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Holland was awarded a Joint Contract for five scattered townships generally West of Boise in 1906 with Charles C. Stevenson, and they both signed the oaths. Albinus Kimmell and Leonard Diehl were chainmen on the work, and they had a Joint Contract between themselves at the same time in the vicinity. Elliott was listed under Civil Engineers and Surveyors in the Boise City Directory in 1908, and as of now, no more is known after that.
Elmer, William Wells	Mineral Surveys	1902	Rep USDMS			Buried in River View Cemetery, Portland, Oregon	Photo	1872-1957	Member AIME. Born in Walla Walla, Washington the son of a Canadian immigrant jeweler, Elmer was living with his family in Baker City, Oregon in 1880. He attended college for four years and showed up as a chainman for Thomas Babbit for 2 Claims in Owyhee County in 1897. He married Mary Eleanor Knapp in Silver City, Idaho in 1899. Mary died of causes associated with childbirth in 1900, but the baby girl survived. He was living in Boise in 1902. William married in 1903 in Portland to Clementine Catlin, the daughter of Judge John Catlin and the sister of Seth Catlin. She was a graduate of the Oregon Normal School and a member of Portland society in 1903, and they had three children, all born in Oregon. His daughter, Clemy, continued in the tradition of her mother in Portland.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									William surveyed 41 Mining Claims out of Sumpter from 1904-1907, and by 1907, he was the general manager for the Hinds Consolidated Mining Company in Mexico, living there with his family. William returned to Oregon, and from 1914-1923 he surveyed 14 Mining Claims in Crook, Baker and Lane Counties and was listed as a consulting engineer in mining in Portland in 1916 and 1930. He was one of the founders of the Portland City Club in 1923, and in 1924 he was chairman of the Oregon Section of AIME and ran for the State Legislature. William returned to mineral surveying to survey one Claim near Applegate in 1953 at age 81, verified by signature.
Erskine, Frederick Henry "Fred"	Mineral Surveys	1908	Dem USDMS			Buried in Normal Hill Cemetery, Lewiston, Idaho, Row 43, IOOF	photo	1870-1949	Born in Iowa, Fred graduated from the 8th grade and married Emmaline Marie Jordan in Iowa in 1893. His father eventually worked for the Treasury Department in Washington D. C. Fred was a Farmer in Iowa in 1900 and came to Grangeville, Idaho in 1903 to be the draftsman for W. C. McNutt. He was soon surveying property on his own and was listed a civil engineer in Grangeville in 1910 with a wife and three children. From at least 1906-08, he was in a partnership with County Surveyor E. Clifford Spedden in Grangeville. He surveyed Mineral Survey 2240 in Clearwater County in 1909 and Mineral 2574 in Idaho County in 1910.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Fred surveyed ten more Mineral Surveys in Idaho County from 1911-18 and returned at age 70 after more than 20 years to survey three more Mineral Surveys in Idaho County from 1940-43. Fred was a surveyor and civil engineer in Grangeville in 1910 and 1920, and transitioned his residence and business office to Lewiston in about 1921. Fred and his son both joined the Army because of the war threat in 1916 for an unknown period. He ran a Democrat for Nez Perce County Surveyor in 1922, without success, and was appointed a County Deputy Sheriff in 1924. Probably because of that appointment, he became an expert on finger prints. Fred published a detailed map of Idaho County in 1923. Emma died in 1834, his son Neil in 1937 and Fred died in Clearwater County, Idaho in 1949 with burial in Lewiston.</p>
Everett, Ennie P.	Special Instructions	1899	USDMS			Died in Mohave, Arizona, buried in Kingman, Arizona		1862-1924	<p>Born in Michigan, Ennie attended the Michigan State University in Mining Engineering from 1883-85 and 1899-1901. Ennie married Margaret E. "Maggie" Teller in Michigan in 1887. He was bonded as a USDMS under Bond 157 on 4/10/1899 in Idaho and lived in Cripple Creek, Colorado at that time. He died in Mohave County, Arizona in 1924 and was a mining engineer and lawyer at the time, having passed the bar in Arizona in 1921 at age 60 after a long period of self-study. Ennie made it in time to practice law with his daughter in Arizona as Everett and Everett.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Faris, Robert W.	Mineral Surveys	1900	Dem USDMS	See Jerry Olson	yes, from obituary.	Died in California, buried in Morris Hill Cemetery, Boise , Idaho, Plot B-104-2	Photo Gps of gravestone by Jerry Olson from Google Earth: 46°36'35.5" 115°13'59.7" ± 10 ft.	1864-1941	IS PE 220. Born in Illinois, Robert came to Idaho in 1886. where he taught school for two years at Blackfoot. He served with various railroads, practiced engineering in Ogden, Utah, and was elected Weber County Surveyor in Idaho in 1890. Robert was an engineer on the Cache Creek Canal and Irrigation Project in 1891, and in 1892, he was appointed chief engineer, and later assistant general manager of the Great Western Canal system in Bonneville County. He married Anna Owen in Idaho in 1892.
									Robert was Chief Engineer of the Twin Springs Placer Company in 1896, and made preliminary surveys for the Twin Falls Project in 1898. Robert was bonded as a USDMS in Idaho in 1900, and ultimately surveyed 8 Mineral Surveys in Boise and Adams Counties from 1900-1901. Robert amended two of them in 1907. He received a Contract by Special Instructions for a survey on the far Eastern Border of Oregon in 1909.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Robert was the contractor for the Los Angeles and Salt Lake RR for nine miles in 1902 in Silver City, Utah. From 1903-05, he built Milnor Dam and the first section of the main canal for the Twin Falls system.. He later built the Boise Interurban RR, and in 1906 was named chief engineer and general manager of the Twin Falls Land and Water Company. He was a practicing engineer in Boise until 1931 when he was appointed State Reclamation Commissioner by Democrat Governor Ben Ross, serving until 1938. Anna died in Boise in 1926.
Fenley, George Washington (aka Finley)	Contract 246	1903	USDS			Buried in Cloverdale Memorial Park, Boise, Idaho	photo Gps of gravestone from Billion Graves: 43°37'08.3" 116°19'51.1" ± 10 ft.	1856-1942	Born in Arkansas the son of a farmer, George attended 6 years of school and married his wife Mattie in 1876. He was a day laborer in Arkansas in 1880 and in Boise in 1900. George was a chainman for Jay Turley, William Alley and Albinus Kimmell for several townships from 1899-1901. George received three Contracts on his own from 1903-1906, and a Joint Contract with Gordon C. Smith in 1909. The census noted him as a government surveyor in Boise in 1910 and a civil engineer in 1920. He was retired in 1930 and 1940 and died in Boise in 1942.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Fletcher, Alice Cunningham Miss "Her Majesty"	Special Instructions	1889	IAA	yes, from Wikipedia and Find a Grave	several	Ashes are in patio wall of the New Mexico Museum of Art behind a bronze plaque containing a quote from Alice.	photo Gps of New Mexico Museum of Art in Santa Fe containing ashes of Alice Fletcher in the courtyard: 35°41'17.6" 105°56'20.9"	1838-1923	Alice was born in Havana, Cuba, in 1838, the daughter of a New York lawyer and a mother from a prominent New England Family. They were there to help the health of her father, but he died in 1939. The family returned to Brooklyn and Alice was educated first in the Brooklyn Female Academy, an exclusive school at the time. She graduated from Harvard and then taught school and lectured occasionally.
									By the 1870's Alice was active in feminism and the promotion of women's suffrage. She became interested in Archeology and Ethnology and began studying under Frederick Ward Putnam, Director of the Peabody Museum at Harvard University. Her interests moved to the field in the Ohio and Mississippi Valleys in 1878, and she became a member of the Archeological Institute of America in 1879. By 1882 she was an assistant ethnologist at the Peabody Museum.
									Under the Peabody auspices, Alice traveled to the Omaha Indians in Nebraska to study their customs and traditions. She was accompanied by Suzette La Flesche, a Native American, and her half-brother Francis La Flesche, with whom Alice maintained a mother/adopted son relationship for 40 years. It was with this work that she wrote her best known book with Francis La Flesche, The Omaha Tribe (1911) . By that time, Francis was a graduate anthropologist and had a law degree.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>As an anthropologist, specializing in Indian culture, Alice was employed in 1887 by the Bureau of Indian Affairs to carry out the allotting on the Nez Perce Reservation after completing the Omaha and Winnebago. She arrived on the Nez Perce in June, 1889 at age 50, and the effort took four seasons, April-November. Her task was to: register every Indian, grade the Reservation land for suitability, and allot land to every registered Nez Perce. Each male received 160 acres, a child over 18 received 80 acres, and a child under 18 received 40 acres. Land graded as grazing would get double acreage. She assumed the process would take one season, but it took four seasons. She completed nearly 2000 allotments, but never published the material collected during the time in Idaho, although collecting much anthropological data while there.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>While in Idaho, Alice spent much of the time in camp in various locations, from Kamiah, to the South Fork of the Clearwater, to the North Fork of the Clearwater, to Camas Prairie, and more. She hired an interpreter and helper, James Stewart. Alice was at odds with the Agency staff much of the time, and arranged for most of the logistics of her travels. She had to secure wagons, harnesses, horses, and food. The horses and wagon needed a lot of care in the rough country. Jane Gay accompanied her in camp and took many photos of camp life. Alice frequently wrote long letters back to D. C., describing what she was doing and asking for more help. Most of these are available in Archives. She secured many items out of archives, including surveys of the treaty and the exteriors of the Reservation.</p>
									<p>The government and B. I. A. surveyor she hired on the Nez Perce was Edson Dawson "Joe" Briggs of Lewiston, Idaho at the time. He came from back East and had surveyed many GLO Contracts in Washington and several in Idaho, being one of their most prolific U. S. Deputy Surveyors. There are many photos of his rotund shape in the Jane Gray collection. The nickname "Joe" appears to have come during this experience. Some of his work was in retracing the exteriors of the Reservation and subdividing the townships for the General Land Office, and the rest was allotments for the Bureau of Indian Affairs.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Alice was accompanied to the Nez Perce by Emma Jane Gay "Jane", her companion and former schoolmate, with whom she had renewed a friendship in about 1880. Emma tried to be the official photographer for the expedition, lacked the credentials, and took a camera anyway. Over 400 of her glass plate negatives remain, mostly at the Idaho State Historical Society. They feature photos of Alice, many survey camps, Indians, and local landscapes. In survey camp, Alice and Jane lived in a Sibley tent of their own. After the Nez Perce project, Jane and Alice continued to live together in Washington, D. C. until 1907. After that, Jane lived with English Doctor Caroline Sturge until her death.</p>
									<p>After Idaho, Alice continued her professional career, producing several publications, giving papers, writing books, and participating in professional organizations. She was President of the Anthropological Society of Washington, the American Folklore Society, and Vice President of the Association for the Advancement of Science. Alice died in 1923, and her ashes are interred in a patio wall of the New Mexico Museum of Art in Santa Fe, New Mexico.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Forshay, Elmer Ellsworth	Clerk	1897	Dr/Clerk			died in Los Angeles, California		1861-1931	<p>ID PLS 356. Born in New Jersey the son of a merchant, Elmer was still there in 1880 teaching school. He married Martha Adeline Gray in Idaho in 1896, and they had two children. Elmer was listed as the chief engineer for the Weiser, Idaho and Spokane RR in 1897. He was appointed an assistant draftsman in the Surveyor General's Office of Joseph Straughan in January, 1906. When Joseph Perrault was named Surveyor General in 1897, Elmer was promoted to Chief Draftsman. Chief Clerk Bamford Robb asked him to collect \$15 from each of his three draftsmen for the Republican Party, and he did so. He then turned the cash over to Perrault.</p> <p>A complaint was filed with the Civil Service Commission, and they charged Perrault, Robb, and Elmer with a violation. Perrault's term was ending, Robb resigned, and Elmer was dismissed. He defended by saying he was under duress, and the case went to the U. S. Senate to no avail.. Elmer was still in Boise in 1906, the engineer for a road at Emmett in 1907, a civil engineer in Millard, Utah in 1910 and a civil engineer and surveyor in Emmett, Idaho in 1912. While there, he was appointed the first Gem County surveyor in 1915. By 1930 Elmer worked as a civil engineer for the State Land Department in Los Angeles, California. He died there in 1931.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Foster, William Linder	Mineral Surveys	1910	Rep USDMS	yes	yes, from Who's Who in Engineering, 1922	Buried in Iowa State University Cemetery, Ames, Iowa	photo	1883-1934	Member ASCE. Born in Iowa the son of a farmer, Walter graduated from Iowa State College in Civil Engineering in 1906. He married Lucy Southmayd in Victoria, British Columbia in July, 1909, and they were living in Bonner, Idaho when he surveyed one Mineral Survey for four Mining Claims nearby. They ultimately had three sons.
									He was: Assistant Engineer for Oregon Short Line RW; City Engineer Sand Point, Idaho; and Assistant Engineer GNRR and NPRR They were located in Kennecott, Alaska in 1918 where Walter was a construction engineer for Kennecott Copper. After one son in Alaska, the family moved to Brazil, where Walter worked as an engineer. However, He was again an engineer in Kennecott in 1920. Shortly thereafter, Walter took a position as a Professor of Railway Engineering at Iowa State College and continued in that until he died in 1934.
Fowble, Thomas Milton	Special Instructions	1887	USS			Buried in Oakland Cemetery, St. Paul Minnesota	photo	1856-1944	Born in Maryland, Milton attended three years of High School. IN 1898 while with the Army Corps of Engineers, he surveyed a part of the West Boundary of Yellowstone National Park by running North from a monument set 15 miles West of Shoshone Lake. That line was extended both North by E. F. Stahl to finish the West Boundary.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Fox, Arthur Ernest	Mineral Surveys	1905	USDMS			Died in Imperial, California		1870-1942	Born in Kansa, the son of a Canadian Immigrant, Arthur lived in Kansas until he showed up in Horseshoe Bend, Idaho as a surveyor in 1900. He married Willa Efie Thomlinson back in Kansas in 1903, and they had their first child in Weiser, Idaho in 1905. Arthur surveyed two Idaho Mineral Surveys in Seven Devils Mining District in 1905 and another in Mountain View Mining District in 1906. By 1909, the family was in Ontario, Oregon, where Arthur was a civil engineer and they had their third and last child.
									He went back to working in Idaho as a civil engineer: in Boise in 1912; in Pocatello in 1917-18 in an office next to Oscar Sonnenkalb; St. Anthony in 1920; and back to Pocatello in 1927. By 1930, Arthur was a civil engineer for the County in Santa Anna, California, and died in Imperial, California in 1942.
Gage, H. W. (H. N.?)	Special Instructions (as transitman for Thomas C. Havell)	1908	Comp						H. W. Gage served as a transitman on the surveys by Thomas Havell of the townsites of St. Maries, Desmet, and Worley, Idaho. No person can be identified at this time to be this surveyor. He was a Direct employee and probably came from elsewhere in the United States.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Gannett, Samuel Stinson	Special Instructions	1897	USS Astr			Died in Sibley Hospital, in Washington, D. C., buried in Rock Creek Cemetery, Washington, D. C.		1861-1939	<p>Born in Maine, Samuel was in the Class of 1883 of Bowdoin College, Brunswick, Maine, and did not graduate, but went on to MIT. His older brother was Henry Gannett, the father of quad maps in the U. S., and a long time important figure in the USGS. By 1884 Samuel was reducing triangulation in the Washington, D. C. office of the USGS in the winter, and was a topographer in the summer. He married Ella Cole in 1885, and they had several children. Both Henry and Samuel were in the founding 33 professionals that started the National Geographic Society in 1888. Samuel was appointed head of the Astronomic and Computing Section in 1890 and at that time established an astronomic station at Rapid City, S. D.</p> <p>His entire career from 1882-1932 was with the USGS, doing triangulation, spirit leveling, publishing mathematical tables, and surveying state boundaries. He was living in Washington, D. C. in 1900, and continued in the same house until he died in 1939. In 1898 he established the boundary between Idaho and Montana. In 1908 Samuel was charged with retracing the survey of Rollin Reeves of the Washington/Idaho Border; in 1910, the West Virginia/Maryland Border and the Tennessee/North Carolina line; in 1915, the Ohio/Michigan Boundary; and in 1930, the Texas/Oklahoma boundary.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He surveyed other state boundaries also. In 1919 he was a court appointed commissioner with Stevenson Archer, Jr. to report to the Supreme Court on a state boundary dispute. In 1915, his daughter married Clarence Birdseye, a surveyor and the founder of Birdseye Foods and the quick freezing process.
Gardner, George Clinton "Clint"	Special Instructions	1857	Astr	yes	See Jerry Olson, from web, Go To: http://www.ols.onengr.com/download/globios/gardnergeorgecbio.pdf See book: David Weber, "Fiasco: George Clinton Gardner's Letters from the U. S/ Mexico Boundary Survey, 1849-1854, pub 2008 or 2009.	Died in Richmond Hill, N. Y., buried in Congressional Cemetery, Washington, D. C. Range 63, Site 276	See Jerry Olson Gps of tombstone by Jerry Olson from Google Earth: 38°52'48.3" 76°58'47.7" ± 20 ft.	1831-1904	George was born in Washington, D. C. and educated partially at Columbia College, quitting to be tutored in Astronomy and Geodesy. In 1849 he joined the Mexico/U. S. Boundary Survey and served as an astronomer for the entire length. When Charles K. Gardner was appointed Oregon Surveyor General of Oregon in 1853, George and Charles Gardner, his sons, came West later to participate in the public surveys.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>George was a chainman, compassman and U. S. Deputy Surveyor while in Oregon with his father. The Contract that George shared with his brother, Charles, in 1854 included the exteriors of four townships from Adna to Rochester in Lewis County, WA. They both signed the oaths and apparently did the survey. Their father wrote that the work was done at a loss of \$200-300. They spent 60 days to survey 54 miles of line. The last work of the subdivisions of T16N R3W was surveyed by John Trutch as Compassman, with Charles T. signing the oath. They had requested a one year extension, or to be relieved of some of the subdivisions of T13-16N R3W.</p>
									<p>He was also a Deputy surveyor in Oregon in 1855. In 1856 George was named Assistant Astronomer and Surveyor of the U. S./Canada Boundary Survey under Archibald Campbell, at which he continued until 1869. George did the mapping to advocate for Canal de Haro instead of Rosario Straits as the International Boundary in the San Juan Islands. He married Mary Brodhead in 1863, the daughter of the President of the New York Stock Exchange. After he left the Boundary Commission in 1869, George worked for the Pennsylvania RR until 1879; then the Troy and Greenfield RR and Hoosac Tunnel in Massachusetts until 1881; in Mexico until 1884; the WYNP RR until 1888; and the Ohio River RR until 1896 when he went to Peru to work on RR's.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									George took the job of President and General Manager of the Flemington Coal and Coke Company. He died in New York in 1904, and is buried in Congressional Cemetery in Washington, D. C. George fathered a son, Charlie Alphonsus Gardner, by an Indian girl in 1860 while on the Boundary survey, who went on to become a famous riverboat captain on the Yukon. There is a manuscripts collection of his papers at the William L. Clements Liobrary at the University of Michigan. (biography) This is the maintained version of this information.
Gardner, Charles Thomas "Charlie"	Special Instructions	1859	USS	yes		Buried in Arlington National Cemetery, Alexandria, Virginia.	photo Gps of tombstone from cemetery records by Jerry Olson: 38°52'49.3" 77°04'36.7" ± 10 ft.	1829-1895	Charles was born in Washington D. C., and probably educated there enough to feel competent to apply for a position with the US Coast Survey. When Charles K. Gardner, was appointed Surveyor General of Oregon in 1853, Charles T. Gardner, his son, came West with his brother, George, to participate in the public surveys and served as a chainman, compassman and U. S. Deputy Surveyor while here with his father.
									Charles was wounded in the explosion of the boiler of the steamship Gazelle on the Willamette River in April 1854, killing Joseph Hunt standing next to him. Charles was scalded and suffered a broken arm. He owned slaves in Washington, D. C. in 1850 and 1860, but was compensated in 1862 when they were freed.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>The Contract that Charles shared with his brother, George, in 1854 included the exteriors of four townships from Adna to Rochester in Lewis County, WA. They both signed the oaths and apparently did the survey. Their father wrote that the work was done at a loss of \$200-300. They spent 60 days to survey 54 miles of line. The last work of the subdivisions of T16N R3W was surveyed by John Trutch as compassman, with Charles T. signing the oath. They had requested a one year extension, or to be relieved of some of the subdivisions of T13-16N R3W. Charles received Oregon Joint Contract 52 with Harvey Gordon in February, 1855 for 11 townships near Cottage Grove. They both signed the oaths, and Lewis Van Vleet was the compassman for some of the townships. Joint Contract 53 with Harvey Gordon in Douglas County in 1855 was signed by Gordon.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									In 1859, Charles was an Examiner and Clerk for James Tilton in the Washington Surveyor General's Office, and then was a Topographer for the U. S. Canada Boundary Survey frpm the Columbia River to the Bitterroot Valley from 1859-61. He enlisted in the Army in Oregon, and during the Civil War, he served as a Major as Assistant Adj. General for General Parke in the Union Army. Later he was a Clerk in the Third Auditors Office of the U. S. Treasury in Washington, D. C. for 25 years until his death. Charles was granted an invalid pension in 1890. See OR GLO Surveyors for the maintained version of the information.
Geddes, Alfred Lathrope	Contract 256	1904	USDS	photo		Fairview Cemetery, Gates, Oregon, Southeast of Mill City.	See Chuck Whitten Gps position of gravestone by Chuck Whitten: 44°44'42.9" 122°25'44.2"	1878-1953	OR PE 159. Alfred was born in Minnesota, his father being an Irish school teacher, and moved with his family in 1883, first to Yakima where his father was briefly head of the Indian School, before settling as a teacher at King's Prairie, near Mill City, OR. Alfred was living in Eugene, OR by 1900, where he was a student in Civil Engineering at the University of Oregon. He was a chainman for George Campbell on the Olympic Peninsula in 1902 and a chainman for Milton Germond on the East side in 1906. Soon after school in 1904, he received two Contracts in Northern Idaho for several townships.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									They were surveyed in 1904 using two engineering classmates from Oregon, George X. Riddell and Nathan Hubbs. He had to go back and make corrections in 1906, and after an examination by the Commissioner, Alfred returned again in 1909 and 1910 to get it approved. Alfred then held a joint Contract with W. A. B. Campbell and Nathan Hubbs, part of the Wasco/U. of O. connection. The work was in the Northern part of Okanogan County, and they shared the work. Alfred used future USDS Floyd Betts as a chainman on his part of the work.
									Alfred was Linn County Surveyor from 1906-1916, and moved to Seaside to be a civil engineer for the Hammond Lumber Co. by 1918. Alfred was married to Anna May Clelan, with two step-children, in 1909, but she died in 1919. He came back to King's Prairie in 1927 to live with his mother after his father died, where he was a "free lance civil engineer". He stayed there until 1953, when he died. Alfred had brown eyes and black hair.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Gerdine, Thomas G.	Special Instructions	1897	SES	see Jerry Olson	See Jerry Olson, from obituary	Burial in Arlington National Cemetery, Arlington, Virginia, Sec 7 Site 9072	Photo	1872-1930	Member ASCE. Born in Mississippi, Thomas graduated from the University of Georgia in 1891 with a degree in Engineering. His father had graduated from Tulane in Medicine, and was a physician in Athens, Georgia. In 1892 Thomas was an assistant city engineer for Athens, Georgia and, and in 1893 he was appointed a Special Examiner of Surveys in Oregon, completing nine examinations by 1896. At least one of his examinations resulted in the rejection of the survey.
Gibbs, George	Special Instructions	1857	Whig Dem USS	See Jerry Olson	see Jerry Olson, from web, Go to: http://stories.washingtonhistory.org/treatytrail/context/bios/george-gibbs.htm	Died in New Haven, Connecticut, buried in Saint Marys Episcopal Churchyard, Portsmouth, Rhode Island	see Jerry Olson	1815-1873	George was born in New York, the son of an educated gentleman farmer, and was well educated himself. His maternal grandfather was Secretary of the Treasury and Governor of Connecticut. His uncle was also a Governor. He was turned down twice for West Point, and travelled and studied in Europe for two years. He then graduated from Harvard Law School in 1838, and started to practice law.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									George was working as a librarian at the American Ethnological Society when he decided to head to Oregon in 1849. He ended up travelling with the Mounted Rifles, the same group that Justin Chenoweth joined, and upon arriving, hung up his shingle as a lawyer in Oregon City. In Oregon he studied the native languages, created a map of Oregon, was a customs inspector, and assisted in negotiating Indian Treaties. In 1853 he asked a personal friend, George McClelland, if he could accompany the Northern Railroad Survey in Washington as ethnologist. By 1854 he had compiled more records on the Indians in Washington Territory, and was hired by Isaac Stevens to assist in the Washington treaties. It was after he had drafted the treaties that he surveyed the first versions of the Reservations for Stevens in 1855.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>George was named a Brigadier General in 1855 to command the new Territorial Militia, a predecessor to the National Guard, however, they were never funded while George was General. Sometime along the way he filed on a DLC in Pierce County which would now be adjacent to I-5 within McCord Air Base. It was patented in 1888. George joined the Northwest Boundary Commission in 1857 as Geologist and Assisatnt to the Boundary Survey and continued until 1862. After that he returned to Washington, D. C. and worked for the Smithsonian, writing papers until he died. In 1871 George married his cousin, Mary Kane Gibbs, at the age of 56 and soon died in Connecticut in 1873. He is buried with his parents and siblings in Saint Marys Episcopal Churchyard in Portsmouth, Rhode Island.</p>
									<p>George created and/or published the following works: "The Memoirs of the Administration of Washington and Adams", 1846; "Report of the March of the Mounted Rifles", 1849; Drawing of the Methodist Mission at The Dalles, 1849; Dictionary of the Calapooya Language, 1850; Dictionary of the Chinook Jargon, 1851; Sketch of Champoeg Village 1851; Journal of Redick McKee's Expedition Through Northwestern California, 1851; Map of Humboldt Bay, 1851; Census of Western Washington Tribes, 1854; Map of military road from Astoria to Tuality Plains, 1855; Map of military road from Columbia Barracks to Fort Steilacoom, 1855; "A Report on the Indian Tribes of Washington, 1855;</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									(cont.) "A Report on a Reconnaissance of the Country lying upon Shoalwater Bay and the Puget Sound", 1855; "A Report on the Geology of the Central Portion of Washington Territory.", 1855"; Map of the Indian Tribes in the Western district of Washington, 1855; American Geographical Society, Map of the west part of the United States, 1856; "Indian Nomenclature of Localities in Washington and Oregon"; "Alphabetical Vocabularies of the Clallam and Lummi", 1863; "Physical Geography of the Northwestern United States", in the American Geographical Society Journal in 1869; and "Tribes of Western Washington and Northwestern Oregon of the United States", 1857-61. (biography)

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Giddings, Edward Jr.	Chief Clerk in the Washington Surveyor General's Office	1861	Rep Ch Clerk	see Jerry Olson	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/giddingsedwardbio.pdf	In Olympia when he died. He had been ill for several months. His wife Amelia died in San Francisco in 1881 and was buried in Laurel Hill Cemetery there, and later moved to Cypress Lawn Cemetery in Colma, CA. Edward is buried in the Masonic Cemetery in Tumwater, WA in an unmarked grave. Block 21, Row 20,	See Jerry Olson There is no marker. Gps of gravesite of Edward Giddings by Jerry Olson: 47°00'53.1" 122°53'51.1" ± 9 ft.	1822-1876	Born in Niagara County, New York, he served several years in the office of the state controller at Albany, some of it under future President and Whig, Millard Fillmore. Edward went west in 1849, returned in 1850, married, and returned to California until 1853 when he arrived in Olympia. In 1854 he claimed title to the mud flats fronting Olympia, imported a pile driver, and built a 300 ft. wharf for vessels to tie up. It was high and dry at low tide, and by 1883 someone built a wharf one mile out.
									Edward was affiliated with McClellan and the Pacific Railroad Survey in late 1853. Giddings was present at the Medicine Hat Treaty negotiations in December, 1854, arriving by canoe with Governor Stevens. In May of 1855, he was a Surety for Jared Hurd and was a "foot soldier" in the 1855 Indian War. Edward was arrested in 1856 for "displaying a firearm and gesturing in a dangerous manner," (not guilty), and in 1859-60 he had debt problems. When Anson Henry became Surveyor General of Washington, Edward was named Chief Clerk.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He travelled to the Nez Perce country to make a map, to Port Angeles for Henry to solve problems with the townsite survey, and produced a map of the progress of surveys in Washington. Olympia elected him as President of the Town Board in 1864. Anson Henry drowned in the sinking of the Brother Jonathan off Crescent City, CA in July, 1865, and Edward was named acting Surveyor General of Washington, at least in title if not pay. Selucius Garfield was appointed Surveyor General in February, 1866 and took office in April. He kept Giddings as Assistant Draftsman in the office and awarded him several contracts.</p>
									<p>His first contract was in Klickitat County, along the North shore of the Columbia River, and further North. Lewis P. Beach, an existing Deputy Surveyor was his chainman for half the work. The other half had a completely different crew. Beach would soon serve as campaign manager for Surveyor General Garfield's successful campaign for Congress, and would be Surveyor General himself. Deputy Surveyor Edwin Richardson, who lived nearby in Goldendale, said that he had instructed Giddings and Beach in the field in how to run the solar compass, chain, and run lines in March of 1867. Richardson notarized some of the oaths, and had his own contract of adjacent townships the next year. He said he found a township line that Giddings could not find the previous year. in T3N R16E.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Contract 100 in 1868 was for 6 townships in Horse Heaven Hills. He said there was no timber, and he milled all the posts of red cedar and hauled them to the corners. He received another Contract on the East side in 1868, and then one for 6 townships near Orting on the West side in 1870, and another on the East side in 1871. His last Contract was Contract 137, all on the East side. Surveyor General Lewis Beach approved all the work, but the Commissioner rejected the subdivisions of two townships (T15,16N R31E) as illegal, and withdrew the plats from the land office. (The reason is unknown.) He also ordered an examination of the work in 1874. In 1895 they again were withdrawn but reinstated in 1899. No patents were issued in those townships until 1902. Giddings received the job of assessor of internal revenue sometime in 1871, and there may have been other people on the job.</p>
									<p>His wife, Amelia, was a National Officer in the Women's Suffrage movement, and chaired a convention in Olympia in 1871. Edward was appointed Collector of Internal Revenue for Washington, lost it, and then was reappointed in 1875 to the position he held at his death. His wife died as a missionary in San Francisco in 1881. (biography)</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Gilcrest, Murray Havens Sr.	Special Instructions (as transitman for Howard B. Carpenter)	1904	Comp	yes		Buried in Hot Springs Cemetery, Truth or Consequences, New Mexico		1881-1965	<p>Born in California, Murray had moved to Wyoming with his family by 1900 and graduated from the University of Michigan in 1908 in Civil Engineering. Before he graduated, he had been the transitman for USS Howard B. Carpenter in 1906 for the Northerly portion of the Eastern Boundary of Idaho along the watershed summit of the Bitterroot Mountains. Murray married school teacher, Lucile Force Gregory, in Michigan in 1909, and they had three children.</p> <p>Murray was a civil engineer for a cement plant in Des Moines, Iowa in 1910, the Assistant Superintendent at U. S. Zinc Mines in Sand City, Oklahoma from 1911-18 and lived in Ann Arbor Michigan from 1918-1921. He returned to U. S. Zinc in 1923-25 as a civil engineer in Amarillo, Texas. Murray worked as an engineer in El Paso in 1929 for American Smelting and was a construction engineer there in 1930. He was unemployed there in 1932-34 and as a mining engineer there from 1937-38. Lucille returned to school teaching in 1937. Murray died in New Mexico in 1965 and Lucile in Texas in 1968.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Glavis, Louis R.	Special Instructions	1909	SES	See Jerry Olson		Cremated Duke, Crematory, Durham, North Carolina		1884-1971	<p>Born in Maryland, the son of a prominent lawyer for steamship companies, Louis was in school in Washington, D. C. in 1900. His father had died in 1898, and he was under the guardianship of Congressman L. F. Livingston of Georgia. He was educated in the Lawrenceville Academy in Massachusetts, and headed West to ranch in Idaho in 1901. He was back in Washington D. C. in 1903 to accept the position as Examiner of Chippewa Indian Lands in Minnesota, which gave him familiarity with the General Land Office.</p> <p>From 1905-07 he was a Special Agent for the General Land Office in Oregon, Washington, Idaho and Montana, when he examined Contract 730 of Robert Habersham, or the assignee, Stephen Hungate, in 1907. The issue must have been something other than surveying, because Louis had no expertise there. In that year he was appointed Chief Investigator for California and Nevada, and was soon transferred to Oregon, where he was then given jurisdiction of Alaska, making his office in Seattle. He was living on a fruit farm at White Salmon, Washington in 1910, also listed as an agent for the Land Office.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He had been working on the investigation of questionable coal Claims in Alaska, known as the Cunningham Coal Claims, claimed by many important politicians and individuals. (Including individuals in these biographies.) He could see that Secretary of the Interior Ballinger was steering the issue in favor of the Claimants, even though that was illegal. He approached Gifford Pinchot of the Forest Service, who sent him directly to President Taft, and that started the downfall of the Cunningham Coal Claims. Louis had laid his whole career on the line in the public interest.</p>
									<p>The essence of the issue was that 33 individual claimants, mostly wealthy investors, including Governor Moore of Washington and Mineral Surveyor F. Cushing Moore, under the direction of Clarence Cunningham, who was charging for his services, sought to file coal Claims of 160 acres each. They were to then pool their money to finance improvements, including RR surveys. The law strictly forbid this aggregation of Claims, but the Guggenheim family had already agreed to purchase the claims once approved. The end result was that they all lost all of their investment, and it was a big victory for conservationist Gifford Pinchot, who had been dismissed for opposing these Claims.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Louis had married Maude E. Haas in Washington D. C. in 1905, and they came West to where Louis was working. She returned to D. C. to care for her ailing father, and claimed that Louis would not send her money to return West. He had offered her a bribe of money and a job in D. C. if she would consent to a divorce and stay back East. He sued her for divorce in Seattle for desertion, she countered, and she was granted a divorce with unknown terms.
									Ballinger was cleared in a Senate Hearing, and President Taft subsequently dismissed Glavis from federal service for ostensibly hiding facts in the case that would have cast a different light, probably a political decision. On account of his notoriety, Louis was appointed Secretary to a California Water Board in 1911, which resulted in charges by the Surveyor General of California that he had given special privileges to the Weed Lumber Company. He resigned his position in 1913. During the investigation, it was determined that Louis was paid \$40-50,000 on a per acre basis to secure timberlands for various companies. After he resigned, he took a job for a timber company in downtown San Francisco.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>In August of 1913, Louis apparently decided to return to his fruit farm at White Salmon. One complication was Eleanor Fay, a 22 year old girl he had been in company with for 2-3 years, beginning in Portland. She followed him to San Francisco, and secured a job as stenographer in his office at the Water Commission. They were regularly in each other's company, and Eleanor referred to him as her fiancé. The evening before Louis left for Portland, they were on the ferry to Oakland, and Eleanor drank a bottle of carbolic acid, intending suicide, and collapsed on the deck. She had a note to Louie in her hand, regretting his leaving. She recovered, but the story was in all the newspapers, considering the scandal about Glavis that had played out six months earlier.</p>
									<p>By 1918, Louis was a lawyer in Washington, D. C. He had remarried to Josephine Fowler and was a lawyer in Larchmont, New York in 1921-30, with a son, a step son, and a step daughter. He was rehired by Secretary Harold Ickes, Chief of Investigations in 1933, and was responsible for investigating improper business contacts by government employees. He was determined by some to be too zealous, and transferred to the Senate Investigating Committee. He investigated wage violations at Boulder Dam in 1938, but the results fizzled under political pressure.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Louis had amassed a comfortable fortune, and in 1936, he owned a nice home in Larchmont, New York, a yacht on Chesapeake Bay, and a summer home in Nova Scotia. He had also travelled extensively. When he died in 1971 in Pinehurst, North Carolina, he was by then remarried to a Vera Hooker, and was listed as a lawyer.
Glenn, Fred	Mineral Surveys	1903	USDMS			Buried in Riverview Cemetery, Portland, Oregon, Sec 110, Plot 105, Grave 2	photo	1878-1949	Born in Kansas the son of a lawyer, Fred attended three years of college. He was living at home as a surveyor in Portland, Oregon in 1900 with his parents and om early 1903 was working for the Colorado Fuel and Iron Company in Denver. In February, 1903 Fred opened an office in Lewiston, Idaho as a civil engineer and draftsman. He soon was appointed a U. S. Deputy Surveyor in Idaho. Later in the year he was a surveyor on the Lewiston and Southeastern Electric RW. He soon began drafting maps of various local jurisdictions and occupied the position of Lewiston City Engineer.
									Fred was in Portland, Oregon in 1906, but returned to Idaho in 1909 to develop a placer property in the Boise Basin. Fred married Mary G. Hickman in Oregon, before 1918, and they had one son. He was a stock broker in Denver in 1910, a bonder in Portland in 1918, a salesman in Portland in 1920, a bond broker in Portland in 1930 and a property manager in Los Angeles in 1940. He died in Los Angeles in 1949, but is buried in Portland. Mary continued living in Los Angeles until age 101.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Glover, James Russell	Contract 91	1882	USDS			Died in Oakland, Alameda County, California		1824-1901	<p>Benson Surveyor. Born in Maine the son of a sailor, he worked on a farm until 1844, and then as a ships carpenter until 1858. He married Nancie Palmer in Maine in 1850. James was a miner in Placer County, California in 1860 and 1870 and began GLO Surveys in 1874 in California, continuing until 1884. He was involved in the Benson Syndicate for John Benson at least after 1879, becoming an employee of Benson. James was awarded two Contracts in Southeastern Idaho in 1882, but the name on the Contract probably bore no relationship to the actual surveyors that may have worked on the Contract.</p>
									<p>Charles Walgamott came to Idaho as a young man in 1875, settling near Rock Creek Station on the Oregon Trail near Twin Falls. In 1936 he published a volume , "Six Decades Back", of his collected stories about his recollections of his time in Idaho. One of the stories concerned Benson and Glover. The syndicate had just finished some surveys in Nevada, near the Idaho line on the upper reaches of Goose Creek. They targeted about 8 townships near the South side of the Snake River between Little Salmon River and Dry Creek, on both sides of Twin Falls. They had no Contract, but filed applications for survey from fictitious, but supposedly current, settlers in those townships, and received their Contract, Idaho No. 87 under George H. Perrin, on September 5, 1881.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>The Ogden Pilot and the Blackfoot Register reported that James R. Glover was in Blackfoot with a crew of 15 men and two wagons on June 11, 1881. They were to work there for a few days and then move South, indicating they had work for all summer.</p>
									<p>When the Contract at Twin Falls was turned in, it soon was suspended for poor work. Benson and Glover challenged the Surveyor General, and a Special Examiner was called in by the name of Donelly, a large likeable man. Benson and Glover supposedly followed him all around, and it appears from Walgamott that the exam and corrections were done contemporaneously. Late in the fall, Glover, Benson, and Donelly were in agreement on the final product.</p>
									<p>Benson and Glover approached Walgamott in November, and asked if he would guide and haul them and Donelly to Humboldt Wells, Nevada. (Wells, Nevada on the Central Pacific Line). Charles agreed, and they purchased provisions at the Stricker Store at Rock Springs Station. Included was a gallon of Whiskey per person for the trip. They made their way, probably following the future route of U. S. 93, stopping at night in cow camps, using the whiskey to make friends. At the end, Benson and Glover went to San Francisco, Donelly went East and Charles returned home.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Three Benson Surveyors received Contract from 1881-84 in Idaho, with the third being John L. McCoy. Like the rumors from other states, the surveys were not necessarily done by the name on the Contract, started before the Contract was signed, and were only skeleton surveys. Most were suspended and not paid. James and the two others were some of the 41 indictments handed out for survey fraud in about 1887 that were eventually dismissed on legal technicalities and compromises. The case was in court until 1894 when a compromise was reached. The government would drop the indictments, Benson would correct the surveys, and the government would pay for them. He never corrected, but got paid anyway in 1896.
									James was a surveyor or civil engineer in Alameda County in 1879 and continued at that in Alameda until he died in 1901.
Gnaedinger, Ernest George	Mineral Surveys	1908	USDMS	yes		Buried in Riverside Memorial Park, Spokane, Washington		1882-1960	Member AIME. ID PLS 161. Born in Canada, Ernest was a student with his parents in Montreal in 1901, attended college for 5 years at McGill University and Frieberg, Saxony. He was las listed as a mining engineer when he married Alice Gertrude Griffin in Newton, Massachusetts in 1907. He was a mining engineer in Wallace, Idaho by 1908, and continued at that in Wallace until at least 1940.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Ernest worked in Idaho and British Columbia, both as a mining engineer and as a mine superintendent. Gertrude died in Spokane in 1952, and Ernest in 1960 in Seattle. He had red hair and blue eyes.
Goodsell, Charles Henry	Mineral Surveys	1908	USDMS	see Jerry Olson		Died in Spokane, WA. cremated with the location of his ashes unknown.		1877-1940	ID PLS 90. Member AIME. Charles was born the son of a merchant in Minnesota, and moved with his family to Spokane in 1888. His father bought a farm in Sunnyside in 1891, but Charles returned to Spokane. He graduated from WSU in Mining Engineering in 1901, and had played on the WSU football team in 1895. While there he was a founder of the S. C. I. Club, a predecessor to Sigma Nu fraternity on campus, and President of the Athletic Club. After doing post graduate work in the fall of 1901, he was the coach of the second team.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									From 1903-05 he worked as a deputy county surveyor in Whitman County, and in 1902 opened up an assay office at Thunder Mountain with E. D. Timm, an ex-classmate. In 1915 Charles was a Member and the Sergeant of Arms for the Washington House of Representatives. He did a brief tour of duty as a Captain in the Army Engineers from 1918-1919. Charles kept his practice in Spokane, representing mining interests over a large area until at least 1938, serving as head of the Northwest Mining Association in 1928. He surveyed about 160 mining claims in Washington alone, and 43 more in Idaho from 1908-1940. His son, Barclay, followed as a surveyor and mining engineer. Charles was short and stout, with blue eyes and blond hair. He died in Spokane.
Gorlinski, Robert J.	Mineral Surveys	1906	USDMS			Buried in Mount Calvary Catholic Cemetery, Salt Lake City Utah.	photo Gps of gravestone from Google Earth: 40°46'32.5" 111°51'17.0" 20 ft.	1861-1955	Born in Louisiana, the son of Polish immigrants, Robert graduated from High School and had moved to Utah with his family by 1872, where his Catholic father was a U. S. Deputy Surveyor. He married Emma Barbara Eberhardt in Salt Lake City in 1897, and they had three children. Robert surveyed two Mineral Surveys near Salmon City and Hailey in 1906. Robert spent most of his life as a mining engineer and surveyor in Utah and other Western States. He is best known for the colored maps he has drawn in Utah and the other western states, that are now selling for hundreds of dollars. The massive collection of his work is at the BYU Library in Provo, Utah.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Gradon, Herman David	Contract 97	1883	Rep USDS	see Jerry Olson	See Jerry Olson, from web, Go To: <a href="http://www.ols
onengr.com/do
wnload/globios
/gradonherman
dbio.pdf">http://www.ols onengr.com/do wnload/globios /gradonherman dbio.pdf	Buried in Riverview Cemetery, Portland, Oregon, Section 15, Lot 75, Grave 3. Died in Marin County, Calif. His wife died in San Francisco in 1947, and was interred to Portland.	Photo	1855-1928	Herman was born in Portland, and graduated from high school there in 1876. At 16 he was on the crew of U. S. Deputy Surveyor George S. Pershin in Oregon. Herman was a compassman for George Mercer in 1878 for the 3rd Standard Parallel to the Coast, and for the exteriors of four townships.
									Herman had two Joint Contracts in Oregon in 1881-82 with Ewing Henderson first, and then Bamford Robb second, for a total of 31 townships. In addition, he surveyed three Contracts on his own 1881-82 for 27 townships near John Day, Baker and LaGrande. He began surveying in Idaho in 1883 with Contract 97 for 36 miles of the Boise Meridian, four Standard Parallels, and a Guide Meridian. This was shortly followed by Contract 99 for 14 townships on the Palouse River, using Emery Oliver as a chainman. Herman received four Contracts in Eastern Oregon for 25 townships on his own in 1884. His Washington Contract for 21 townships in 1885 was cancelled, along with most others, in the aftermath of the Benson Syndicate scandals because of special deposits. Herman married Minnie M. Thomas in Portland in 1888.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Herman worked in engineering partnerships for a period as part of Gradon and Angel out of Portland in 1888; Gradon and McQuinn (USDS John McQuinn) from 1889-1891; and Gradon and Oliver (USDS Emery Oliver) from 1893-1894. His last Contract in Oregon was a Joint Contract on the West side with Henry Chandler in 1892, which was examined and rejected. They corrected it and it was later approved.</p>
									<p>Herman began surveying a long list of Contracts in Idaho in 1896, lasting until 1905. Contract 173 was for 20 townships Northwest of Lake Pend Oreille, and Contract 180 in 1897 was for 15 townships East of Lewiston. He used five future USDS as crewmen on Contract 173 and had two different crews. There were seven more Contracts, some as Joint Contracts with James H. Robb, Howard S. Wilson, Walter A. Bradley, and Harold A Rands. These were for 89 townships in Western Idaho. One was paid for by NPRR Deposits. Many were examined with no notations of negative results. .</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									His Contract with Walter A Bradley, his nephew, was awarded in November of 1900. Walter died in March, 1901 after a 7 week illness of malaria. Herman went to Idaho in the summer and surveyed 12 townships near Twin Falls, and the rest were surveyed by others. It was reported that Herman was a poor surveyor, but again, all of his Contracts were obtained by bidding. Minnie died in 1897, and Herman married Dorothea Grethe in Vancouver, Washington in 1898,
									From 1893-1896 he was elected the Supt. of Streets (City Engineer) in Portland as a Republican, but declined to run again as he was awarded survey Contracts in Idaho. Early in his term, he was sued for a sewer trench cave-in that killed a child. The contractor had no assets, so the father sued Herman, winning a judgement. They then went after his furniture and tried to garnish his city salary, which was not permitted.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Herman was the City Engineer of Vancouver, Washington in 1900, surveying in Idaho in 1901, and living at Mt. Tabor, OR in 1900-03 as a surveyor. He followed his former partner, Emery Oliver to California in 1905, where Oliver was Division Engineer for the Western Pacific RR. Herman worked out of Oroville and on the Feather River until 1910, where he worked for Oliver in engineering until 1915. He then became an engineer for the Natomas Reclamation District until at least 1923. He was in San Francisco as a civil engineer in 1927. His wife was a widow in San Francisco in 1931. He died in Marin County, CA. (biography) See OR GLO Surveyors for the maintained version of this information.
Gradon, William R.	Contract 98	1883	USDS	see Jerry Olson	yes from obituary	Buried in Lincoln Memorial Park, Portland, Oregon, Hillside Section, Lot 56		1860-1929	William was born on the family Claim at Mt. Tabor in Oregon, the son of a wagon maker, and the younger brother of Herman Gradon. He was a chainman for his brother North of John Day in 1881, and received a Contract on his own for 5 townships East of John Day in 1882, and another for two townships at Baker and two townships at John Day the same year. He had one Contract in Idaho in 1883, with the Contract date the same as one by his brother in another area. It was for 13 plus townships southwest of Orofino surrounding Wieppe, and includes the property of the author South of Lolo Creek.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>William continued in Oregon with 4 Contracts in 1884 for 27 townships, mostly in the John Day-Baker area with one at Enterprise. He used consistent small crews and apparently participated in all his surveys. William married his wife, Dona A. Bowen, in 1885 in Burns, the daughter of a local pioneer. When Harney County was created in 1889, William was appointed the first County Surveyor, serving until 1901. At about the time of his appointment in 1889, he surveyed the Camp Harney Military Reservation by Special Instructions. He was State Surveyor under Governor Penoyer sometime between 1886-94 and picked up a prisoner at the Dalles in 1891 as a deputy sheriff from Harney County. He was an electrician for the telephone company in Portland from at least 1900-20 and died in Portland in 1929.</p>
Gray, John Daniel	Clerk	1893	Dr/Clerk			Died in Boise, buried in Pioneer Cemetery, Boise, Idaho, Blk 2, Lot 67, Space 3	photo	1941-1925	<p>Born in Missouri, the son of a farmer, John was living with his family on the farm from 1850-70. He was in Boise, Idaho by 1880 as a carpenter and still single. John was appointed the Messenger in the Surveyor General's Office of Joseph Straughan in 1893 and was a single miner in Boise in 1900. He married 30-year-old Bessie K. Draper in 1901 in Montana, and they had one son in 1909 that died as a baby. John was a farmer in 190 with three more children, and was retired in 1920 with one more son. John died in Boise in 1925.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Guiland, David H.	Mineral Surveys	1902	USDMS	yes, from Ancestry		Died in Lewiston, Idaho, buried in Normal Hill Cemetery, Lewiston, Idaho, Div. 3, Row 72, Lot 45, grave 2	photo	1869-1914	ID PLS 59. Born in Wasco County, Oregon, the son of a Swiss immigrant hotel keeper, David was in Yakima with his family in 1880 and married Jennie Belle Henderson there in 1895. He lived in Weippe, Idaho as a civil engineer in 1900 and Oro Fino, Idaho in 1902. He wrote a report on a mine in the capacity of Mineral Surveyor in 1909 near Pierce City. David worked in Lewiston in 1910 as a surveyor and stayed there until he died in 1914 of an abcess at age 45.
Haig, Robert Wolseley	Special Instructions	1857	Astr	yes		Died in England, Buried in Greenwich, London, England		1830-1872	Born in Scotland, Robert was named Chief Astronomer for the British Team for the Northwest Boundary Commission in 1857 for the Survey of the North Boundary of Washington, Idaho and Montana. He left the field when the work was done on the ground. in 1862.
									Robert was a Captain in the Royal Artillery when appointed to the Boundary Commission in 1857 and was promoted to Major in 1870. Robert married Maria Georgia Brown in Grenwich, England in 1864, and they had 5 children, two of which died as babies. He was elected into the Roal Society in 1867, and later named a Fellow. Robert died in Woolwich, England in 1872 ar age 42, and he is the namesake of Haig Lake, Haig Glacier, and Mount Haig in the Rocky Mountains in Southern Alberta.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes	
Hall, John K.	Contract 13	1855	Dem Rep Ch Clerk	yes			Died on Vancouver Island, after a "long and distressing" illness, two weeks after his wife died in Victoria, leaving an orphaned two year old daughter. His probate was in Olympia the same year. Buried in the Old Burying Ground at Pioneer Square in Victoria.	Gps of gravesite by Jerry Olson from Google Earth: 48°25'22.8" 123°21'33.5" ± 100 ft. Marker unknown. Center of small cemetery.	1828-1861	John Hall was born in Indiana and started as a Clerk in James Tilton's office in 1855. He was awarded Contracts 13 & 16 in 1855 to extend the new Puget Sound Meridian from the 6th Standard Parallel north to the 7th Standard Parallel and then to run the 7th Standard Parallel West to the Sound. By the time he finished, Tilton had been ordered to make it a Guide Meridian instead, and Hall had to go back and change the scribing on the posts and trees, which he did in 1856. Sometime between 1856 and 1861, John was appointed Chief Clerk for James Tilton, serving until he died in 1861. Anson Henry attempted to bribe him with an appointment as Chief Clerk in Anson's anticipated regime in exchange for forgiving Anson of his problems in his survey Contract, but John refused.
Hamming, Henry	Mineral Surveys	1909	USDMS				Buried in Morris Hill Cemetery, Boise, Idaho, MHILL, E, 171, 5 & 6	photo	1867-1952	ID PLS 18. Born in Holland, Henry came to the U. S. in 1880, and was naturalized in 1886. He was a day labourer in Ada County in 1900, married Callie Fouts in 1905, and worked as a civil engineer in irrigation in 1910 in Boise. Callie died in 1917, and Henry was a civil engineer again in 1920 in Boise, living alone as a roomer. He remained a civil engineer in Boise through 1941, and after that he was retired until he died in 1952. Henry and Callie are buried in Morris Hill Cemetery in Boise.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hammon, John Stuart	Clerk	1909	Dr/Clerk			Last in Pasadena, California	#REF!	1880-	Born in New York, John attended college for three years. He was a bookkeeper in Denver Colorado in 1900 and married Margaret Irene McGrady in Boise in 1909. John was listed as a mining engineer in Boise in 1910, and in 1918 he was a Mineral Examiner for the U. S. Land Office in Salt Lake City. By 1920, he was a mining engineer in Pasadena, California. From 1930-40, John was a special agent for the Interior Department, still in Pasadena.
Hannah, Daniel W. "Dan"	Mineral Survey	1897	Dem USDMS	yes		buried in Moscow Cemetery, Moscow, Idaho	photo	1861-1933	ID PLS 84. Born in Canada the son of a farmer, Daniel immigrated with his family to the U. S. in 1890. He married Mary Eleanor Martin in 1893. He lived in Moscow, Idaho in 1902 and ran for Latah County Surveyor and Moscow City Engineer from 1900 to 1915 without any evidence he won those elections, except for the one in 1900 for County Surveyor. In 1902, he was bonded as a USDMS in Idaho.
									Daniel's wife attempted to declare Daniel incompetent in 1919 and make herself a guardian of his affairs. Daniel escaped to Washington to avoid jurisdiction, and there are detailed accounts of this escapade in the newspapers. By 1920, they were listed together, but Daniel had no occupation listed. This same condition continued into 1930, and Mary died in 1932 and Daniel in 1933, both in Moscow.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Harkison, Charles William	Special Instructions	1910	USDMS USDS HES		yes	Buried in Morris Hill Cemetery, Boise, Idaho	photo	1883-1951	Born in Colorado, Charles was in Denver in 1900 as a student, and attended the Colorado School of Mines for four years. He surveyed 2 Mining Claims and 2 Homestead Entry Claims East of Ketcham in 1908 and 1910. He was a mining engineer in Hailey, Idaho in 1910 and in Quartzburg, Idaho in 1920. He worked for Boise Laboratories in 1912 and 1915. Charles married Adelaide DeLeum Harris in Caldwell in 1923 and was an assayer in the Boise Assay Office in 1930 and in Seattle in 1940.
Harmon, Charles F.	Clerk	1900	Dr/Clerk			Buried in Cloverdale Memorial Park, Boise, Idaho		1862-1941	Born in Maine the son of a farmer, Charles attended one year of high school. He was in Blaine, Idaho by 1887 when he married Lillian Smith, also from Maine. They had two children. Charles was the Messenger in the Surveyor General's Office in 1902. He was the manager of an irrigation canal in 1910, the manager of a water company in 1920, and a ditch nurse in 1930. He continued living in Boise until he died there in 1941, a year following the death of Lillian.
Harris, Joseph Smith	Special Instructions from the Department of State	1857	Astr	yes	yes , see book, Joseph S. Harris and the Northwest Boundary Survey	Died in Germantown, Pennsylvania, buried in Great Valley Presbyterian Church Cemetery, Malvern, Pennsylvania	photo	1836- 1910	Born in Pennsylvania, the son of a physician, the family suffered a setback when Joseph's father died when Joseph was halfway through high school. He finished with his brother in three years in 1853, near the top of his class, and both brothers went to work for the U. S. Coast Survey to support the family. Joseph had already been a topographer for the Northern Pennsylvania Railroad.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Harrison, Edward P.	Mineral Surveys	1901	USDMS		See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/harrisonedwardpbio.pdf	Died in Spokane, buried in Greenwood Memorial Terrace, Lawn 26, Lot 15, Sp 33a.		1858-1909	Idaho PLS 49. Edward was born the son of a minister and was educated in Cincinnati, OH until 1879. Three of his older brothers were engineers in 1870, living at home with their widowed mother. He was a rodman in 1878 and a clerk in 1879. In that year he moved to Carbondale, IL to be an engineer on the St. Louis Central RR with his brother Zeph. Starting in 1883, he spent 7 years in San Francisco and Los Angeles in the publishing business. Edward then moved to Spokane via Kittitas County, WA, and Caldwell, Idaho, where he married. From Spokane he engaged in engineering and surveying until his death there in 1909.
Harrison, J. Scott	Special Instructions	1899	SES	See Jerry Olson	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/harrisonjohnsbio.pdf	Last in Helena, Montana. Buried with his wife and family in Forestvale Cemetery, Helena, MT, Glenwood Section, Lot 22.	See Jerry Olson	1867-1951	Scott was born in Kansas, the son of an attorney/civil engineer. He completed the schools in Mound City, KS, and then was tutored by his father, who had attended West Point and graduated from Cincinnati University. After that Scott read law for two years, but chose not to follow that profession. Scott was the great grandson of William Henry Harrison, President of the United States, and the cousin of Benjamin Harrison, another President of the United States. He followed civil engineering in Kansas and Oklahoma, and from 1895-99 was employed by USGS in Oklahoma and the Dakotas. From 1900-1910 Scott worked for the Washington, D. C. office of the GLO doing inspection surveys in the West, including a 1903 exam of the boundary of Yellowstone Park and 42 Exams in Oregon.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Scott performed four Exams in Idaho in 1899-1900. He lived in Montana much of that time, and married there in 1903. Scott was a Special Examiner in Washington and Oregon 1908-1910, and was in Kansas in 1910. He performed 8 Exams in Washington in 1908. He was named the Assistant Supervisor of Surveys for Montana (head) in Helena in 1910, in which capacity he stayed until he retired in 1837. At that time the office was moved to Boise. He lived at 801 Holter Street. His wife died in 1939, Scott died in 1951, and they are buried in Helena. (biography) This is the maintained version of this information.
Hartson, Clinton S.	Special Agent	1909	Rep SES		yes, Idaho, Gem of the Mountains.			1886-1942	Law degree 1908, Special Agent 1908-11, Division Chief in Boise, Idaho 1909-11, then private practice. Ended up in Seattle 1930-40. May not have worked for the Surveyor General's Office
Hastings, John Beasley	Contract 127	1891	USDMS USDS			Died in Los Angeles, and his wife is buried in Forest Lawn Memorial Park in Los Angeles		1858-1942	Member AIME. Born in England, John came to the U. S. in 1874 at age 16. He surveyed about 172 Mining Claims in Idaho from 1883-97 and was in Hailey, Idaho in 1884 when he married Louise Rose Broadhead. He received two Contracts for a total of 52 townships in Idaho in 1892-93. John lived in Ketchum, Idaho in 1887 when his son John H. was born, and lived in Boise in 1891 when he was recognized as a practicing Mineral Surveyor. He lived in Colorado from at least 1900-1912. Louise died in Los Angeles in 1937 and John died there in 1942.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Havell, Thomas Cotton	Special Instructions (with William T. Paine)	1905	USDS USS			Died in Washington, D. C.		1880-1973	<p>Born in Tennessee, the son of a preacher, Thomas was living at home as a Clerk in the Land Office in Washington D. C. in 1900. He married Lucy Fulton Sprowles in Washington, D. C. in 1904 just before they left for Helena, Montana and they ended up with two children. Thomas was in Idaho to hold a Joint Contract under Special Instructions with William Paine for the townsite of Heyburn in 1905, with no notes on file. That was followed by a Contracts on his own under Special Instructions for the townsites of St. Maries, Plummer, Desmet, and Worley, all in 1908. He was assisted by transitmen W. C. Myers and H. W. Gage.</p>
									<p>Thomas worked as a Clerk in the Land Office in Washington D. C. in 1910 and a Clerk for the Interior Department in 1918. Both Thomas and Lucy were Clerks for the Government in 1920. In 1930, Thomas was an Assistant Commissioner for the U. S. Government, and Lucy was the Assistant Chief of the National Chamber of Commerce. Thomas continued with the federal government until at least 1942, and he was an Assistant Commissioner for the General Land Office in 1932-34 as Chief of Law Division. Lucy died in 1964 and Thomas in 1973, both in Washington, D. C.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Havenor, William Percy "Percy"	Contract 310	1909	Dem USDMS	yes	Yes, History of Idaho by Hiram T. French, 1914	Died in Bannock, Idaho, Buried in Mountain View Cemetery, Pocatello, Idaho	photo	1877-1950	ID PLS. Born in Nevada, the son of a conductor and a member of the Nevada legislature, William graduated from the University of Utah in 1896. He taught school for two years, and then joined the accounting staff of a RR in Salt Lake City. William began studying engineering, and from 1901-05 worked in the engineering department of the RR.
									He left the RR in about 1905 and organized an engineering company in Pocatello with E. S. Anderson and C. W. Pomeroy. They operated in several areas, but particularly bridges. William was elected City Engineer of Pocatello in 1907, continuing until at least 1914. He married Ada Shellenberger in 1908 and surveyed one Mineral Survey near Rock Creek and another near the Snake River in 1908. He was a civil engineer and land surveyor in Bannock County in 1920 and 1930. The 1940 Census listed him as the Bannock County Road Supervisor and Bannock County Surveyor.
Hayes, John Edward	Special Instructions	1858	Commis Astr	yes	yes	Died in England at St. Seonards, Great Malvern		1816-1895	KCMG. John was born in England the son of a Royal Navy Officer, but was raised until he was 10 in Ceylon, at which time he was sent to England to go to school. He later enrolled in the Royal Military Academy at Woolrich, graduating as a Second Lt. in 1834. He was commissioned at that time in the Royal Army and increased in rank over time, being named a Captain in 1846.. John Married Leonara Mary Kelly in Ireland in 1847 and they ultimately had seven children,

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									John was made Lt. Colonel in 1858 when he was appointed a Commissioner of the Northwest Boundary Commission to survey the North Line of Washington, Idaho, and Montana. After leaving the Boundary Commission in 1862, he was appointed commander of the Royal Engineers at Woolrich in 1863, remaining until 1867. John received a promotion to Colonel to command the Royal Engineers in Barbados from 1867-70 and in Ireland from 1871-74. He returned home and accepted a promotion to Lt. General in 1877 and General in 1881 when he retired. Leonora died in 1879. Sir John was knighted at retirement in 1881. He is the namesake of Mount Hawkins in Southern Alberta, just North of Glacier National Park, and Hawkins Creek in Southern British Columbia, and probably Hawkins Lakes in the very Northwest corner of Montana, near his survey,
Hayes, John Edward			USDS	yes	yes, several	Died in Twin Falls, Idaho, buried in Sunset Memorial Park, Twin Falls, Idaho	photo	1877-1962	Member ASCE. Born in Missouri the son of a blacksmith, John was with his family in St. Louis in 1880. He was accepted in Engineering at the University of Illinois, but the Panic of 1893 kept him from following that dream. Instead, he took a job as a chainman in Cripple Creek, Colorado at age 16, thanks to a brother-in-law, and followed surveying the rest of his life.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>John had moved to Idaho by 1905, when he married in Rock Creek to a teacher, Anna Elizabeth Hansen, a graduate of the Idaho Normal School, and a daughter of surveyor, John Hansen. John Hayes had been the surveyor on the surveys for the Twin Falls Canals and the survey of the City of Twin Falls. He was then an engineer for a RR and a bridge across the Snake near Burley, Idaho. John and Anna lived in Twin Falls until 1910, but were in the Denver, Colorado Census in 1910, where John was an engineer in irrigation.</p>
									<p>While at Twin Falls, John was an originator and engineer for the Salmon River Dam Irrigation Project. The newspaper credited him with solving the impossible task of building a 210 foot high dam across the canyon near Salmon Falls. He had determined that one could build a 140 foot high dam, and then build another dam on top with 70 feet of head for storage. It required a one mile tunnel to get the water to the irrigated lands. The opening of the irrigated project was in the new town of Hollister in 1908.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									In 1906 John received a small Contract by Special Instructions for a survey of Custer Island on the Snake River next to Burley. He completed it with just one helper. Another Contract in 1909 was for three townships of irrigated land, also in the Snake River Valley North of Bliss. They were township subdivisions, and he used five crewmen on that Contract. John and Anna raised their family in Denver, but they returned to Twin Falls in 1929 and stayed there until they died at ages 84 and 101. Anna was always the community activist, including a term as National President of the PTA from 1949-52. John was Twin Falls City Engineer, followed by three terms as County Surveyor of Twin Falls County. He managed the Twin Falls Canal Company for some time and ended up with a private practice in surveying and civil engineering.
Hedden, Edward Terry	Surveyor General	1916	Dem S G USDMS	yes	yes, from Find a Grave website	Buried in Canyon Hill Cemetery, Caldwell, Idaho	photo Gps of gravestone by Jerry Olson from Billion Graves: 43°41'24.9" 116°40'37.9" ± 15 ft.	1864-1942	ID PLS 172. Born in New York as an only child, Edward graduated from Cornell in Civil Engineering in 1887. He went to work for NPRR, Burlington "RR and UPRR, ending up in Caldwell, Idaho in 1891. While there, Edward served three terms as Canyon County Surveyor and was Caldwell City Engineer in 1905. He was involved in several Irrigation projects while in private practice in Caldwell, and for four years was construction engineer for the U. S. Reclamation Service.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Edward married Kittie Lee Callaway in Caldwell in 1897, and they had one adopted daughter. He was bonded as a Mineral Surveyor in Idaho, but there are no Mineral Surveys by him. Edward was appointed Surveyor General of Idaho by Democrat Woodrow Wilson in 1916, serving until 1921, living in Boise. He maintained an 80-acre alfalfa ranch near Caldwell, in which he actively participated. Edward was an engineer for the City of Nampa in 1930 and 1940.
Hedrick, Joseph Gee	Special Instructions	1909	Rep SES	photo		Buried in Hailey Cemetery, Hailey, Idaho	photo	1875-1942	Born in Missouri. Came to the Idaho Land Office as an attorney in 1909. A lawyer in Hailey, Idaho in 1919. Law Degree from Georgetown and a Masters in Law from National University in 1904. City Attorney of Hailey, Idaho.
Hedden, Edward Terry	Mineral Surveys	1900	Dem S G USDMS	yes	yes, from Find a Grave website	Buried in Canyon Hill Cemetery, Caldwell, Idaho	photo Gps of gravestone by Jerry Olson from Billion Graves: 43°41'24.9" 116°40'37.9" ± 15 ft.	1864-1942	ID PLS 172. Born in New York as an only child, Edward graduated from Cornell in Civil Engineering in 1887. He went to work for NPRR, Burlington "RR and UPRR, ending up in Caldwell, Idaho in 1891. While there, Edward served three terms as Canyon County Surveyor and was Caldwell City Engineer in 1905. He was involved in several Irrigation projects while in private practice in Caldwell, and for four years was construction engineer for the U. S. Reclamation Service.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Edward married Kittie Lee Callaway in Caldwell in 1897, and they had one adopted daughter. He was bonded as a Mineral Surveyor in Idaho, but there are no Mineral Surveys by him. Edward was appointed Surveyor General of Idaho by Democrat Woodrow Wilson in 1916, serving until 1921, living in Boise. He maintained an 80-acre alfalfa ranch near Caldwell, in which he actively participated. Edward was an engineer for the City of Nampa in 1930 and 1940.
Hedrick, Joseph Gee	Special Instructions	1909	Rep SES	photo		Buried in Hailey Cemetery, Hailey, Idaho	photo	1875-1942	Born in Missouri. Came to the Idaho Land Office as an attorney in 1909. A lawyer in Hailey, Idaho in 1919. Law Degree from Georgetown and a Masters in Law from National University in 1904. City Attorney of Hailey, Idaho.
Helmick, Charles Wesley	Mineral surveys	1894	USDS USDMS			Buried in Forestvale Cemetery, Helena, Montana, Greenlawn 1242	photo Gps of tombstone by Jerry Olson from Billion Graves: 46°39'16.7" 112°02'04.6" ± 15 ft.	1856-1933	Born in Iowa, Charles was a civil and mining engineer in Helena, Montana from at least 1888-1933 when he died. Charles collaborated with George Z. Reeder on a map of Helena in 1888 and a map of Montana in 1891. Reeder was the former Chief Clerk in the Surveyor General's Office of Montana. Charles married Rachael G. Fowler in 1889, and they had two children. Charles applied for a bond as a Mineral Surveyor in Idaho in 1894, but was denied because he was already bonded in Montana. He appealed to the Secretary of Interior and won, setting a precedent. He received a Contract in Montana in 1900 for two townships and surveyed one Mineral Survey there in 1917.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Helser, Charles Willard	Clerk	1909	Dr/Clerk		yes, from obituary	Died while on a trip to Corvallis, Oregon, buried in Los Altos, California		1876-1956	Born in Ohio, the son of a farmer, Charles graduated from high school and married Laura Maria Greenwood in 1900. They were in Colorado in 1901-03,. Where Charles was a draftsman in the Surveyor General's Office. He was a Clerk in the Surveyor General's Office of Darwin Utter in Idaho in 1908-09, but by 1910 he was ate manager of an insurance company in Boise. By 1920, Charles was vice president of the West Coast Life Insurance Company in alameda, California. He was President of the California Development Association in 1930 and joined his son's investment business as Comptroller in 1939.He continued at that until his death.
Henry, Anson Gordon	Surveyor General		Whig Rep S G	see Jerry Olson	By Jerry Olson, Go To: http://www.olsonengr.com/download/globios/henryansongbio.pdf	Lost at sea with the wreck of the Brother Jonathan off Crescent City, CA. There was no body found, but there is a brass marker next to his wife's grave at Odd Fellows Cemetery, Tumwater, WA., Blk 39, lot 35	See Jerry Olson Gps position of grave marker by Jerry Olson: 47°00'48.8" 122°53'50.6"	1804-1865	Anson was born in New York and graduated from medical school. He travelled to Michigan to mine, lost for the State Legislature there, and returned home to teach school in 1829. He then went to Louisville to start a drug store on \$5000 of borrowed money from Dudley Storey Bradstreet, his future father-in-law. He went broke , but married Eliza Bradstreet and moved to Springfield, IL to practice medicine.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									While there, he became a close personal friend of Abraham Lincoln in 1834, just after Lincoln was elected to the Illinois State Legislature. Mary Todd first rejected Lincoln's marriage proposal, and Lincoln was very despondent. Henry pulled him through, and a bond developed that lasted until their death. Anson was charged with corruption in the construction of the Capitol Building, and Lincoln got him off with a payment of only \$271. Anson was appointed Indian Agent for Oregon in 1851 by Whig Zachary Taylor, but after drawing \$750 in salary and never making it past Panama, he returned to Springfield. Anson came across the Oregon Trail in 1852 with his family and claimed a DLC near Dundee, Oregon. He had no history of surveying before his first GLO Contract in Oregon in 1853.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He was also elected to the Oregon Territorial Legislature in 1853. Anson spent his life trying to live off the political patronage system. Henry was well known in Yamhill County, and probably put together a group of claimants that needed their claims surveyed. Claim Contract number 13 was awarded on June 4, 1853 to Anson by Surveyor General John Preston, a Whig. It covered claims in T3,4S R3W and T2S R4W, all very near to Lafayette and Dundee. He began on June 9th and was finished August 30th, 1853, with Alleck Smith and Charles Handley as chainmen and E. S. Barnes as axman for the work. Franklin Pierce, a Democrat became President in 1853 and replaced John Preston with Charles K. Gardner as Surveyor General.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Before he left, Preston awarded Survey Contract 38 to Anson in September of 1853. He completed T2S R3W, including the Chehalem Mountains, northwest of Newberg during December. Anson was compassman and Francis Loehr, a future Deputy Surveyor, was chainman. In February he surveyed T1S R2E encompassing most of the area between Gresham and Milwaukie, all relatively flat. The crew included future Deputy Surveyor Sewall Truax as compassman and future Deputy Surveyor Lewis Van Vleet as one of the chainmen. They were finished on February 21, 1854. Next was T1N R1W, beginning on February 29th. It was the township immediately northwest of the Initial Point of the Willamette River, going from the Sunset Highway to the St Johns Bridge. This was steep wooded ground and included a portion of the Willamette River.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>The same crew as on the previous township completed the work by March 13th. The last township was T2S R2W between Aloha and Newberg. Sewall Truax was still compassman, but Lewis Van Vleet was not a chainman. They were done on April 3, 1854. This survey included many crossings of the Tualatin River as it meandered through the lowlands. In correspondence dated June 30th, Gardner told Henry that his Contract was suspended for errors and omissions, and that there would be no money until all was accepted by the Surveyor General. If Anson had performed a correct survey, it would have been approved by June 1 and the settlers could have filed their notifications. The errors involved poor notes, location of witness trees, closing of meander lines, and the triangulation across the Willamette.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>However, Alleck Smith, Anson's son-in-law, was a proclaimed Democrat, and aligned himself with Charles Gardner to receive a Contract soon after Gardner's arrival in Oregon City. Claim Contract 22, dated January 30, 1854, was awarded to Smith, and he surveyed it between March and December of 1854. Anson was a chainman for part of it in August. In July of 1856 Smith also received Contract 65 in Oregon from Democrat Surveyor John Zieber for seven townships. These were all partial townships consisting of the mountainous sections left over after the first and second surveys. Anson did not help, but his son Gordon and son-in-law Francis Henry were chainman. The Contract was completed by late 1857.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Before these two Contracts and the role as chainman for Anson, there is no known record of Alleck Smith doing any surveying either. He had an education in law and advertised himself as a lawyer. Meanwhile, in the fall of 1855, Anson joined the Rogue Valley Indian wars, acting as either commissary or surgeon. When the Salem Statesman criticized the volunteers for being mercenary and vengeful, Henry gave a speech in December defending the militia. He has been quoted for the end of his speech where he said "...the only alternative to the citizens of the valley was to "kill them off" or, in other words, to exterminate them." Shortly after this in 1856, he received an appointment as Physician and Surgeon to the Grand Ronde Indian Reservation in western Yamhill County for a salary of \$2000 per year, but was ultimately dismissed.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>At about this time, he was also elected City Surveyor of Portland. In 1858, Anson and his son-in-law, Alleck Smith, were awarded interdependent Contracts north of Grays Harbor. Alleck surveyed the Coast Guide Meridian from the 4th to the 5th Standard Parallel, involving a four mile triangulation across Grays Harbor, and then continued to the 5th Standard Parallel near the present Quinault Indian Reservation. Anson surveyed the 5th Standard Parallel west to the Pacific Ocean, and then T20N R11W. Alleck was compassman on the Parallel. Alleck surveyed portions of T17-19N R7-12W with Anson as axeman much of the time. Alleck used E. S. Barnes as compassman for T18N R10W, and Anson used Alleck as compassman on the Standard Parallel and Township Exteriors, and George House on the subdivisions of T20N R11W.</p>
									<p>He made some error in the West boundary of T20N R11W, and had to redo it in 1859. Per Richard Sterling, they also made an error of 0.83 chains in the triangulation across Grays Harbor. Matthew O. C. Murphy examined Anson's Contract and found errors that needed correcting. Anson unsuccessfully tried to bribe Murphy, and then Chief Clerk John K. Hall by offering him the job of Chief Clerk in the soon-to-be Surveyor General's Office of Anson.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Lincoln ran for the Senate from Illinois in 1858 as a Whig and lost, but defined the slavery issue. He was elected as President in 1860 on the third party, Republican platform, and in July, 1861, appointed Anson as Surveyor General of Washington Territory. He took office on September 11, replacing James Tilton. He was as partisan in that office as he ever was, giving Contracts to Republicans and relatives wherever he could and deriving profit from the office.</p>
									<p>He purchased a part interest in The Washington Standard, a local newspaper, by hiring its editor as a Clerk in 1861 for \$1200 per year. Some scholars called Anson "Lincoln's junkyard dog", barking and snarling at adversaries. B. F. Kendall, of the Democrat newspaper in Olympia, wrote a very critical article on Anson in 1862, and Anson, thinking it was Amos Poe that had written it, confronted Poe with a Bowie knife at the general store, and struck Poe with his cane, resulting in an indictment for assault charges. Henry had secured the state printing contract away from Kendall. The son of a man shot by Kendall, in self defence attacked Kendal in his office and shot him, by rumour with a gun owned by Henry.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Anson travelled to Washington, D. C. in the winter of 1963 to lobby for a better political job, and to remove Victor Smith from the post of Customs Collector. He didn't get the job, but did remove Smith. While there he lived at the White House and visited the war zone at the Potomac with Lincoln. He also shepherded the creation of Idaho Territory through Congress, and his reward was the appointment of Alleck Smith as a Justice of the Idaho Territorial Supreme Court. When Lincoln was re-elected, Abe sent for Anson, and he returned to D. C. in December of 1864, escorting Mrs. Lincoln to the official counting of the electoral vote.</p>
									<p>In January he was told he would not be appointed Commissioner of Indian Affairs, and went to Richmond VA, which is where he was when informed Lincoln was assassinated. He was in the funeral procession with Mrs. Lincoln, and stayed six weeks comforting her, and took her to Chicago. He left for home via Panama, and on the leg from San Francisco to Victoria, the Brother Jonathan ran aground on rocks off Crescent City, CA, with 110 passengers drowned, including Anson. Also drowned was Victor Smith, his arch rival. The California newspapers reported that Anson had been recently appointed Governor of Washington in their reports of the shipwreck. His body was never recovered, but there is a bronze plaque at the Tumwater IOOF Cemetery next to his wife. (biography) This is the maintained version of this information.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Herbert, Clement Lafayette	Mineral Surveys	#REF!	USDMS			Buried in Golden Gate National Cemetery, San Bruno, California	photo	1874-1953	Before he left, Preston awarded Survey Contract 38 to Anson in September of 1853. He completed T2S R3W, including the Chehalem Mountains, northwest of Newberg during December. Anson was compassman and Francis Loehr, a future Deputy Surveyor, was chainman. In February he surveyed T1S R2E encompassing most of the area between Gresham and Milwaukie, all relatively flat. The crew included future Deputy Surveyor Sewall Truax as compassman and future Deputy Surveyor Lewis Van Vleet as one of the chainmen. They were finished on February 21, 1854. Next was T1N R1W, beginning on February 29th. It was the township immediately northwest of the Initial Point of the Willamette River, going from the Sunset Highway to the St Johns Bridge. This was steep wooded ground and included a portion of the Willamette River.
Herron, David A.	Mineral Surveys	1894	USDMS	yes, from passport		Buried in Lone Tree Cemetery, San Miguel County, Colorado.	photo Gps of tombstone by Jerry Olson from Billion Graves 37°56'07.9"N 107°48'01.0" W ± 7 ft.	1860-1920	Born in India in 1860, David came to the United States in 1863 with his family. He was in Idaho 1893-97, where he surveyed 59 Mining Claims in Dahlenega Mining "District in Lemhi County. David worked in Montana from 1898-1908, and in Colorado from 1916-17. At that time he was the manager of a gold mining company, and secured a passport to travel on business. He was still the manager of a gold mine in 1920 when he died.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hesse, Ernest Hermann "EHH"	Clerk	1892	USDS Dr/Clerk			Buried in Pioneer Cemetery, Boise, Idaho with Nina and the rest of his family, Block 2, Lot 36, space 6	photo Gps of tombstone from Google Earth: 43°36'38.5" 116°1119.2" ± 10 ft.	1845-1901	Born in Germany, Ernest was living in St. Louis, Missouri in 1870 as the Custodian of the Missouri Archives. He had married Annie Mary "Nina" Mossberger in 1868 in Missouri, and her mother and two siblings were living in their house. While in St Louis, Ernest was a member of the Missouri Legislature in 1874. Ernest was a Mineral Draftsman in the Surveyor General's Office in Salt Lake City in 1879-80 with Annie and four sons, including Ernest Hesse and William A. Hesse. He received Idaho Contract 113 in 1885 to survey the boundaries of the Coeur d'Alene Indian Reservation and was examined by H. B. Martin in 1887. Ernest did such a poor job that he was debarred from any more federal surveys.
									Ernest was living in Boise in 1892 as a draftsman in the Surveyor General's Office of Willis Pettit and in the Surveyor General's Office of Joseph Perrault from at least 1899-1901. He died in Boise in 1901.
Hesse, Ernest George "Ernest S."		1905	USDS USDMS		Buried in Pioneer Cemetery, Boise, Idaho in the family plot.	No marker Gps of gravesite from Google Earth: 43°36'38.5" 116°1119.2" ± 10 ft.	1870-1911	1870-1911	Born in Missouri, the oldest son of Ernest Hermann Hesse, He was listed as Ernest G. Hesse in the genealogy and interment records,, but went by "Ernest S." in all his surveying and engineering records. However, the birth and death dates and places are the same for both. Ernest left home and was living on his own as a surveyor in Bear, Idaho in 1900; surveyed the town of Decorah in 1901; and surveyed a large placer project on Grouse Creek in 1903. He was affiliated with Darwin Utter, the future Surveyor General, on irrigation projects in 1904.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Ernest surveyed three Mineral Surveys in Adams County in 1905-06 and a small Contract by Special Instructions of an island on the Snake River in 1907. He left Idaho for engineering projects in Mexico and Alaska, returning after a period of time. His parents had filed a Homestead Entry Claim about ten miles South of Boise at some time. His father died in 1901 and his mother was trying to prove up on the Claim to get the patent.
									Ernest returned to help his mother, and was living with her on the Claim. She went to Boise one day for provisions, leaving Ernest behind. She returned on the last train, late at night, and Ernest met her at the station. While walking in the dark across country, she mentioned that she was tired. He said that he was "tired also and tired of life." Ernest then pulled a gun out of his pocket and shot himself in the head. His horrified mother guarded his body the rest of the night. She did persist on the Claim and received a patent in 1915, a year before she died. It appears Ernest never married.
Hesse, William Albert	Mineral Survey	1901	USDMS	yes, from passport	Buried in Los Angeles National Cemetery, Los Angeles, California	photo Gps of Gravestone by Jerry Olson from Billion Graves: 34°03'42.6" 118°27'06.3" ± 10 ft	1878-1956	1878-1956	Born in Utah, the son of Ernest H. Hesse, William attended college for three years and lived in Wallace, Idaho in 1900-01 as a Surveyor when he was bonded as a U. S. Deputy Mineral Surveyor. He surveyed two Mineral Surveys there at that time and formed a partnership with USDMS John H. Nordquist. He was living in Alaska from at least 1903-42 and was a surveyor on the Kenai Peninsula in 1910.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									William enlisted in the Army Corps of Engineers as a 1st Lieutenant for five months from 1918-19. He received a passport in 1924 to travel to British Giana to "examine mineral resources". William had married by 1930 when he was a mining engineer for a gold mine outside of Fairbanks and lived in Juneau in at least 1940-42 as an engineer for the Highway Department. William joined his wife in Los Angeles and died there in 1956.
Hill, Walter Hovey	Mineral Surveys	1901	USDMS	Mineral Survey	Buried in Prairieview Cemetery, Grangeville, Idaho	photo	1868-1951	1868-1951	ID PLS 33. ID CE 102. Member AIME & ASCE. Born in New York the son of a shirt manufacturer, Walter attended college for one year and worked for AT&SFRW, GNRR, NPRR, and Lewiston and Southeastern RW over time. He was a surveyor, mining engineer and civil engineer in Idaho County from at least 1894 until 1951 when he died. He surveyed 10 Mineral Surveys in Idaho from 1902-1911 and 20 more surveys from 1911-1938. Walter was the superintendent and manager of quartz and gravel mines in Idaho, Nevada, Canada and Alaska at various times in his career.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hinsdale, Theodore Rockwell	Special Instructions	1895	Dem SES		By Jerry Olson, Go To: http://www.olsonengr.com/download/globios/hinsdaletheodororbio.pdf	Died in Seattle. Cremated		1865-1941	<p>Theodore was born in Maryland, the son of a Treasury Department official, attended Rittenhouse Academy in Washington D. C. and then the prestigious Rensselaer Polytechnic Institute in Troy, New York in 1882, where he was valedictorian. After he graduated in 1886, he married Frances Crandall in 1887, the daughter of a politician, editor and publisher, and worked out of Washington, D. C. as a civil engineer for several railroads. He was chief engineer for an underground electric trolley in D. C. and spent three years as the Business Manager of a D. C. Newspaper.</p> <p>By 1892 he was a Clerk in the General Land Office. In that capacity he helped write a new Manual of Instructions, surveyed Rock Creek National Park in D. C., and was involved in the boundaries of Yellowstone Park and the Klamath and Red Lake Indian Reservations. Theodore was appointed a Special Examiner of Surveys in Oregon, California, Montana, Idaho, Wyoming and Washington in April 1895 and arrived in Olympia on April 30, 1895.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He began by examining Contract 414 of Robert Webster, and the exam resulted in a suspension of the Contract. Webster resurveyed half of the work even though Hinsdale said it was "good, considering the terrain." He surveyed 12 exams in Oregon in 1896 and 19 exams in Washington from 1895-98. He left for Montana in 1895, keeping his position of Special Examiner. From 1899-1903, he was County Surveyor of Lewis and Clarke County, Montana. As a Christian Scientist, he and his wife organized a church in Helena, Montana in 1900 and advertised as instructors in the religion. Hinsdale then came back to King County by 1910 and stayed until his death in Seattle, except for 1940 when he was in Miami. He was always listed as a civil engineer. (biography)</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hobart, Azelle Erwin	Mineral Surveys	1906				Buried in Forest Lawn Memorial Park, Bedale, California		1867-1934	Born in Illinois the son of a father in the harness business, Axelle was with is family in Manhattan in 1880 and lived in Combination, Montana in 1895 when he married Elizabeth H. Bowen in Butte. He lived in Butte in 1900 as a surveyor and was still in Butte in 1910 as a mining engineer. Azelle purchased a home in Butte in 1906 and added a second story to it in 1908. The house is now on the Historic Register. From 1906-1909, Azelle surveyed seven Mineral surveys in the Dahlenaga Mining District in Idaho in Lemhi County. He was in Butte in 1920 as a surveyor, but moved to Los Angeles by 1930, where he was the manager of an apartment house. Azelle died there in 1934, and is buried in Glendale, California.
Holley, Robert Aubrey "Aubrey"	=GLOSurveyors!D1264	1909		yes	yes, from Wikitree	There is either a gravestone or cenotaph in Greenwood Hills Cemetery listing Robert, along with his parents and two siblings	photo	1879-1936	Born in Kansas, the son of a stock dealer, Robert was living in Salt Lake City in 1880 with his family at age 1. His father died when he was 13, and Robert graduated form the University of California at Berkeley in 1902. He married Helen Alberta Bostwick in Butte, Montana in 1907, and they divorced in 1908, with Helen charging cruelty. He was still in Butte, Montana in 1909 as a "practical miner" for the GLO, a Mineral Examiner for the Department of the Interior in Boise in 1910, and in Salt Lake City in 1920.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Robert had married Alice Scarborough in 1911 in Boise, and they had four children. Robert was examining mineral land for the General Land Office in at least Idaho, Montana, Utah Arizona, California and Oregon from at least 1910 to 1929. Robert was living in San Diego from 1925-28, and moved to Portland, Oregon in 1929 where he was living alone in a hotel as a divorced Mining Engineer for a mining company in 1930. He remarried again to Flora B. Thorson in Vancouver, Washington in February, 1936 and died four months later in Portland. Robert was the County Surveyor of Silver Bow County in Montana when he lived there and was appointed a U. S. Deputy Mineral Surveyor somewhere at an unknown time.
Holley, Robert Aubrey "Aubrey"	Clerk	1909	Dr/Clerk SES USDMS	yes	yes, from Wikitree	There is either a gravestone or cenotaph in Greenwood Hills Cemetery listing Robert, along with his parents and two siblings	photo	1879-1936	Born in Kansas, the son of a stock dealer, Robert was living in Salt Lake City in 1880 with his family at age 1. His father died when he was 13, and Robert graduated from the University of California at Berkeley in 1902. He married Helen Alberta Bostwick in Butte, Montana in 1907, and they divorced in 1908, with Helen charging cruelty. He was still in Butte, Montana in 1909 as a "practical miner" for the GLO, a Mineral Examiner for the Department of the Interior in Boise in 1910, and in Salt Lake City in 1920.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Robert had married Alice Scarborough in 1911 in Boise, and they had four children. Robert was examining mineral land for the General Land Office in at least Idaho, Montana, Utah Arizona, California and Oregon from at least 1910 to 1929. Robert was living in San Diego from 1925-28, and moved to Portland, Oregon in 1929 where he was living alone in a hotel as a divorced Mining Engineer for a mining company in 1930. He remarried again to Flora B. Thorson in Vancouver, Washington in February, 1936 and died four months later in Portland. Robert was the County Surveyor of Silver Bow County in Montana when he lived there and was appointed a U. S. Deputy Mineral Surveyor somewhere at an unknown time.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hollyday, Henry Brooke Powell	Special Instructions	1895	SES			Buried in Spring Hill Cemetery, Eason, Maryland	photo	1859-1924	Born in Maryland, the son of a farmer and lawyer that was wealthy enough to have two live-in servants in 1880, Henry married Anna Sophia Tilghman in Philadelphia in 1885, eight years his senior. They had no children. Henry was for years a civil engineer associated with the supervising architect of the Treasury Department. He was listed as a Special Examiner of Surveys out of Washington D. C. in 1895, and examined 16 survey Contracts in Idaho in 1895-97. He was divorced or separated from Sophia in 1900, for she was living in a household with her mothers and others. Henry was a retired widower in Winchester, Virginia in 1920. He had been suffering from Rheumatism for years and contracted pneumonia in 1924 and soon died in Winchester.
Horne, Herman Wesley	Mineral Surveys	1902	USDMS			Buried in Forest Lawn Memorial Park, Los Angeles, California, Col. of Constancy, Gardenia Terrace, Lot 0, Space 17699		1861-1947	Born in New Hampshire, Hermon attended 8th grade and had worked for many large mining corporations before arriving in Idaho in 1896. Upon his arrival he worked for Mercury Mines and married Elizabeth E. Ivie in Utah in 1899, and they had two daughters. The 1900 Salt Lake directory listed him as part of Horne and Strange, probably an engineering partnership. He lived in Salt Lake City from at least 1900-1940 as a Mining Engineer, with at least some time at Jarbridge, Nevada. Herman was divorced by 1920 and went to live with his daughter in California after 1940.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Horner, George Wallace "Wallace"	Mineral Surveys	1901	USDMS		yes, a short one from his obituary in the Cornell Engineer.	Died in Belmont, New York, buried in Norton Cemetery, Belmont, New York	photo	1849-1926	Member AIME. Born in New York, George graduated from Cornell in 1873 in Civil Engineering and it was noted in his obituary that he practiced his profession in the West until old age. He was a RR surveyor in Nez Perce, Idaho from at least 1899-1900 and was bonded as a U. S. Deputy Mineral Surveyor in Idaho in 1901 in Mullen, Idaho, George surveyed one Mineral Survey in Shoshone County in 1902 containing 19 Mining Claims. His activities before or after these dates are unknown, except that he returned To Belmont, New York by 1915 when he
Horton, Albert Cary Jr.	Special Instructions	1910	SES	yes		Buried in Grand View Memorial Park, Glendale, California, Section M	photo Gps of gravestone by Jerry Olson from Billion Graves: 34°10'14.8" 118°16'53.0" ± 20 ft.	1883-1959	Born in Michigan, Albert attended Michigan College of Mines for four years. He was a student, living at home in 1900, and a Clerk in the General Land Office in Washington D. C. in 1910, listed as single. He was named a Special Examiner of Surveys in Idaho in 1910 and in 1911-12 in Oregon for 17 examinations. Albert was the poster boy for the new Direct System in 1910, receiving Special Instructions for the first survey under the Direct System in Colorado on July 14, 1910. The GLO reported that he surveyed it quickly and received approval in September, showing how efficient the Direct Surveyors were.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>A resurvey in 1937 found all the corners set by Albert. Soon thereafter, Albert was named the Assistant Supervisor of Surveys (in charge) for District 5 for Arizona and California. He had married Phyllis Dennee by 1918 when they were living in Denver, Colorado. By 1920, he married Anna D Hartrum, a woman 21 years his senior, and was Assistant Supervisor of Surveys in the Direct System in Phoenix, Arizona. He married Sarah "Sally" J. Jacobs in 1922, age 39, and they had two sons in 1923 and 1925, while living in Phoenix. They continued in Phoenix through 1930, when Albert was the Cadastral Engineer, and were in Glendale, California in 1934.</p>
									<p>Albert was a widower working for the Department of Interior in 1940, living in Glendale with his children, working for the Department of the Interior. Albert succeeded Frank Johnson for two years as the Supervisor of Surveys out of Denver for the GLO in 1944 after Frank died. He was living with his ex-wife, Phyllis, in 1948 in Denver and was a resident of Grand Rapids, Michigan in 1949 when he took a cruise to Hawaii with Phyllis. Albert died in Glendale, California in 1959.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hough, Ulysses Bezaleel	Mineral Surveys	1905	USDMS	see Jerry Olson	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/houghulyssesbio.pdf			1863-1947	Member ASCE. WA PLS 74. ID PLS 47. Ulysses was born in Hortonia, Wisconsin and graduated from Valparaiso University in Northern Indiana in 1886 with as B. S. in Civil Engineering. From 1888-89 he was an engineer for Northwestern Land Co., Spokane. By 1890 he was part of Huber and Hough in Spokane, soon changing to Huber, Hough and Trumbull with Skar Huber and Charles Trumbull.
									Ulysses returned to Wisconsin to marry Clara E. Hull in January 1892, and then in 1892-93 he teamed up with Frank Stanley as Stanley and Hough, civil engineers. He was City Engineer of Spokane from 1894-95. Ulysses was awarded Contract 391 for several townships West of Newport in Pend Oreille County in 1892. In February 1893 he sent a letter to the S. G. that he was not going to do the surveys, or execute the bond. The Contract was cancelled and awarded to someone else in 1894.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>From 1896 on, he was involved in mining and construction projects as follows: 1896, Constructing Engineer for Bunker Hill and Sullivan Smelting and Refining Co. at Trail B. C.; 1897-1903 Constructing Engineer for Bunker Hill and Sullivan Mining and Concentrating co., Kellogg, ID; 1903, Superintending Engineer, The Edison Electric Co., Los Angeles, on Kern River Power development; 1904-1910, Superintending Engineer., B. H. and S. Mining and Concentrating Co., Kellogg, ID; and 1910-1930 Consulting Engineer on lead-silver concentration, hydraulic power development and superintending construction out of Spokane.</p>
									<p>Ulysses wrote an article on "Assay Furnaces" in the June, 1905 Engineering and Mining Journal, an article on "Modern Tunnel Practice" in Engineering News in 1905, and an article on "Logging Flumes" in 1928 in ASCE Transactions. Clara died in 1926 in Spokane, and Ulysses was living in Florida in 1938. He died in Spokane in 1947.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hovey, Albert Simeon	Mineral Surveys	1891	USDMS		yes, see Jerry Olson, History of Montana		photo	1850-1936	Albert was born in Ohio, graduated from Willoughby College, and then studied civil engineering at the University of Michigan for three years. He began working for the Cuyahoga County Surveyor in Ohio and then the Valley RR in Cleveland. John M. Wilson was his supervisor as an assistant engineer at Eire for the Corps of Engineers until 1882. Albert moved to Montana to become the Chief Mining Clerk at the Surveyor General's Office at Helena. He was named a U. S. Deputy Mineral Surveyor in Montana in 1886, and married Martha Tregonning in Butte, Montana in 1895.
									Albert was listed as an active Mineral Surveyor in Idaho in 1891, living in Helena. He purchased 640 acres near Helena on speculation for a drainage canal, but that never happened and he lost his down payment. He apparently remained employed as the chief mineral clerk in Helena, because he was transferred to the Portland office in 1907. Albert moved to Tacoma in 1908 and then was appointed resident engineer for an irrigation company at Jerome, Idaho in 1908. For family reasons, he returned to Helena to spend the rest of his life as a practicing civil engineer. Albert and Martha were divorced by 1920, and he never remarried. He was still a civil engineer for the State Highway Department in Helena at age 79.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									There was a trial in Helena in 1908, charging ex-Chief Clerk, D. C. Dallas, ex-Chief Draftsman, J. D. McLeod and Albert S. Hovey of forging field notes for mineral surveys and conspiracy to defraud the government. Albert turned States Evidence and admitted subscribing to a signature he knew was forged, claiming his supervisors made him do it. Albert was dismissed, and the others were tried with a hung jury being the result.
Howey, Alice F. Mrs.	Clerk	1895	Dr/Clerk		Died in North Carolina, Buried in Cedar Hills Cemetery, Newark, Ohio, Wyeth plot.	#REF!	photo	1858-1927	Born in Ohio as Alice Straughn, the daughter of future Chief Clerk, Jesse R. Straughan, and the sister of future Surveyor General, John Straughan, Alice married Charles W. Howey in 1884. He died in 1891, and when her brother was reappointed Surveyor General of Idaho in 1893, Alice was named a Clerk in his office by 1895. Joseph resigned when the Republicans came back in 1899, but returned again in 1903 when Grover Cleveland was re-elected.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Alice kept her job as Clerk, but was dismissed on the first day of new Surveyor General Joseph Perrault in 1897. He fired all the Transcribing Clerks, noting that there was nothing for them to do. They were all under Civil Service by then, and filed complaints. Alice received a settlement of about \$600 in 1904. She was rehired eventually by 1904, probably when the Republicans returned to the position in 1902. She resigned in 1907 at the end of Ern Eagleson's term and remarried to 69-year-old Bank President, Augustus Greenleaf Wyeth, in 1909 in Licking, Ohio. He died in 1914. and Alice died in 1927 at age 69 in North Carolina, where she had lived with her first husband.</p>
<p>Hudson, Francis "Frank"</p>	<p>Special Instructions</p>	<p>1859</p>	<p>USS</p>					<p>1831-</p>	<p>Born in Pennsylvania in about 1831, Francis showed up in the 1850 Census as a boarded student in Carlisle, Pennsylvania at age 17. He next was listed as a Surveyor in the 1860 Census in the Bitterroot Valley with the rest of the Boundary Commission. He was appointed in 1859, and had been with the Coast and Geodetic Survey before that. Francis was noted as a contributor of survey data with others, in the margin of the maps prepared of the Boundary by the Commission and was noted as a mathematician in several places in various reports of the Commission. Francis and John Major would do the calculations as the field work went on the then compare the results before moving on. Francis left the survey at the end of field work in 1861, and no more is found of him for sure in the records..</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hudson, George P.	Mineral Surveys	1884	Rep USDS					1853-	Allen M. Thompson received Contract 86 to survey the Townsite of Ketcham on 7/1/1881. He only did a perimeter survey per the notes, but the plat on file at BLM lists George P. Hudson as the Surveyor of the subdivision on 7/12/1881. Thompson's survey began 8/24/1882 and finished 9/9/1882. George P. Hudson was born in New York and was a Civil Engineer and Justice of the Peace in Ketchum from at least 1881-1900.
									George was listed in the 1900 Censsu in Detchum, Idaho as a Justice of the Peace, born in New York in 1853, with his father born in England and his mother in France. His parents came to the U. S between 1850 and 1853. His father died by 1870, and George was working in a lumber yard in 1870. He was in Idaho by 1880 and ran successfully for Justice of the Peace several times until at least 1900. Nothing has been determined about George after that.
Hulett, Franklin W.	Contract 115	1886	Dem USDMS USDS			Died in Silver City, Idaho, Buried in IOOF Cemetery, Silver City, Idaho		1842-1919	ID PLS. Born in Vermont, Frank was in Owyhee County, Idaho in 1881 as the Owyhee County Surveyor and continued at that until he retired sometime after 1910. He surveyed a Mineral Survey of the Stoddard Lode in T5S R4W 1884 and went on to do 118 more Mineral Surveys in Owyhee County from 1885-1916. He was living in Silver City or Marsing from at least 1881-1919. Frank received Contract 115 in 1886 for 10 townships in Owyhee County during the height of the Special Deposit crackdown.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									It was not approved for survey by the Commissioner due to lack of settlement and poor agricultural lands. Frank also received Contract 139 for 9 townships in Owyhee County that was surveyed by Frank but rejected. The rejected notes are in the BLM records. It appears he never married and died in Silver City in 1919
Hungate, Stephen A. D.	Contract 258 (with Attrese M. Kirchem)	1905	USDS	see Jerry Olson	See Jerry Olson, from obit.	Died in Molalla, Clackamas, Oregon, buried in Adams Cemetery, Molalla, Oregon. Space North of Beatty and South of Ratty, West of Surie.	No Marker Gps of gravesite by Jerry Olson: 45°07'25.0" 122°32'41.8" ± 10 ft.	1866-1943	Stephen was born and raised near Molalla, Oregon, the son of a pioneer farmer. He is probably named for Stephen Arnold Douglas, the U. S. Senator from Illinois, Presidential Candidate against Lincoln, and famous for the Lincoln/Douglas debates. The family of Stephen was from Illinois. In 1898 he was a U. S. Deputy surveyor, holding a Joint Contract with Sidney Smyth in Southeastern Oregon. In 1901 he was awarded Joint Contract 730 in Oregon by Surveyor General Habersham with Don Meldrum, Henry Meldrum's 17-year-old son.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Hungate surveyed all of the work, and the notes are in the mimeo format. The notes were submitted in 1901 and between 1901 and 1913, it was examined by D. W. Kinnaird in 1901, Henry L. Chandler in 1902, N. B. Sweitzer in 1903, S. E. Blout in 1904, D. D. Kirkpatrick in 1907, W. B. Douglass in 1908, and J. Scott Harrison in 1909. The Contract was suspended in 1903 and the suspension was soon questioned by Senator Fulton and Senator John H. Mitchell, later indicted, advocating for Hungate. Five out of the ten original townships were rejected, and the plats for the other four were not filed for settlement in the Land Office until 1913. Henry L. Chandler was hired as compassman to fix the survey, but that did not happen, and the five townships were surveyed by Charles M. Collier under the Direct System in 1912 with orders to destroy all of Hungate's corners.</p>
									<p>From 1900-03, Henry Meldrum had created a group of surveyors and notaries to forge entryman applications for surveys to create the need for survey Contracts in arid worthless areas. A Contract would then be awarded out of the group, and the Notaries would be paid. Contract 730 was one of those Contracts, with 36 applications for survey for 12 townships. Henry created at least 19 of them and forged the signatures on at least 20. Hungate created 12 application, and forged one. Hungate, Don and Henry Meldrum, and Chief Clerk George Waggoner were all charged with criminal fraud for this Contract.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>This was going on at a time that Don's father, Henry, was being indicted and convicted of fraud connected with his surveys. Stephen surveyed the Molalla River from Dickey Prairie to the Willamette in 1901, and petitioned the County Commissioners to declare it not navigable so that he might use it for commercial purposes. Stephen had Contract 739 on his own in 1902 for 12 townships between Basque and the Idaho Border, including portions of the Owyhee Desert in very Southeastern Oregon. It proceeded in a similar way to the previous Contract, with forged applications for a survey. Henry Meldrum forged five signatures and Stephen forged one. Meldrum filled out 12 of the applications, Stephen one, and Notary Frank Dungan 13. Notary Levy Stipp admitted that he never saw the field crew sign their oaths.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>In October 1902, the Commissioner, soon-to-be-indicted Binger Hermann, approved David Kinnaird (complicit) to be the examiner of the survey. No notes existed at this time, except pencil sketches, and in March the examination was forwarded to Marion McCoy, who requested more information, which continued until at least May, 18, 1903. The field books were filed under this Contract Dec. 22, 1903 after new affidavits were requested and furnished. An employee in the Surveyor General's Office, Mrs. White, noted that they were in the handwriting of Surveyor General Henry Meldrum. They were also in the mimeo note format. A dependent survey in 1987 found the original marked stones in about the correct positions.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Stephen received Joint Contracts 258 and 259 in Idaho with Atress Kitchem in 1905 near Lake Coeur d'Alene. He obtained another Joint Contract in Idaho in 1906 with William Califf for 14 townships South of Salmon. Apparently on his way to Idaho in 1905, he was asked by Hezekiah Johnson to retrace the North line of the Spokane Reservation that Johnson may have surveyed the year before. He found many of the corners of Benson Surveyors Wencel Plachy and James Hull from 1883. At 44 years old, he married in 1910 to a 20-year-old girl with a brand new baby. He worked in the Clackamas County Surveyor's Office at that time. He was a farmer at Dickey Prairie in 1920, divorced by 1930 in Molalla, and remained there until 1943 when he died. For a number of years, he maintained a restaurant in Molalla. This is the maintained version of this information. (unfinished)
Hurlburt, Thomas M.	Special Instructions	1901	SES	see Jerry Olson	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/hurlburtthomasmbio.pdf	Died of a severe cold in Portland. Buried in Riverside Cemetery, Portland. Section 13, Lot 54, sp.3	See Jerry Olson Gps location of gravestone by Jerry Olson: 45°27'50.5" 122°40'19.8" ± 9 ft.	1860-1931	OR PE 684. Member ASCE. Thomas was the son of Oregon GLO Surveyor and long time RR engineer, John Quincy Adams Hurlburt, and worked for him as an engineer after he graduated from high school. That work involved the O & C RR from St. Joseph to Roseburg, and from Albany to Lebanon. In 1881 he ran a preliminary RR line from Roseburg to Grants Pass, and then one for NPRR from the Stampede Pass Tunnel to Ellensburg.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Tom married Clara L. Files in Ashland in 1884, and they had three children. He made a reconnaissance survey of the source of the Bull Run Water System for Portland in 1890. In 1896 he was in charge of surveying the RR from Goble to Astoria. He was appointed Special Examiner of Surveys 1896-1907, over several western states at different times. There were 9 examinations in Washington, all in 1901.</p>
									<p>Thomas was: East Portland Surveyor, 1885; Multnomah County Surveyor 1886-1891; Portland City Engineer 1891-96, 1907-09, 1911-13; USDS in Idaho, 1906; Principal Assnt. City Engineer in Portland from 1909-1911; Hurlburt and Rands with Harold Rands in 1914; and Multnomah County Sheriff from 1914-31. After Clara died in 1913, Thomas remarried to widow Aina Winqvist Dart in Vancouver in 1915. He died while holding the office of sheriff in Portland in 1931. (biography)</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Hyde, George Warren	Chief Clerk	1851	Dem Rep Ch Clerk	See Kay Atwood for book "Chaining Oregon"	See Jerry Olson, from obituary on web, Go To: http://www.olsonengr.com/download/globios/hydegeorgewbio.pdf	Oakwood Cemetery in Joliet, Illinois	See Jerry Olson	1823-1891	George was born in New York and lived with a maternal uncle after he and his sister, Julia, were abandoned by their parents, He learned the flour milling trade with his uncle. George and Julia came to Oregon from Lockport, IL, with John Preston in 1851, travelling via Panama. They were the siblings of Preston's wife, Lucy. He was the first Chief Clerk in the Oregon Surveyor General's Office under John Preston. In order to receive Contract 6, the first Contract in Oregon for the subdivision of townships, he resigned as Chief Clerk and spent the rest of his time in Oregon surveying Contracts.
									Most of his Contracts were in Oregon, beginning in 1851 with Contract 6 near Salem, surveying township subdivisions. He continued near Mt. Angel, Silverton, Lebanon and Philomath in 1852 and 1853, and at the last, near Grants Pass and Medford in 1854-55. These were Joint Contracts with Butler Ives and Wells Lake, with George McFall as compassman. George surveyed one Joint Contract with Josiah Preston, the brother of John Preston, in Washington near Olympia in 1853, also with George McFall as compassman. George returned East to Joliet, Illinois in 1855 and worked as a surveyor for John Preston on the Michigan and Illinois Canal. He married Mary Amanda Howard in 1857, soon after returning, and they had six children. He then ran and owned a flour mill until 1887 when he retired. (biography)

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Irwin, Charles H.	Clerk	1898	Rep Dr/Clerk			Died in Boise, Idaho, buried in Irwin Cemetery, Tennessee. Disinterred and moved to New Loyston Cemetery, Knoxville, Tennessee because of Norris Reservoir construction in 1935		1832-1906	Born in England, Charles was in the U. S. in 1860 as a civil engineer in Wayne, Michigan. He had a wife, Isabella, that was born in England and a daughter born in Mississippi. Charles enlisted in the Ninth Michigan Infantry in 1861 and was named Adjutant. He served through the War. Charles was in Idaho by 1894 when he put out a notice that the Phyllis Canal would not have water until April 25, signing as Manager and Watermaster. In 1894, along with H. P. Handy, he made a report to the Caldwell Commissioners about the awarding of two bridge contracts to the various contractors, obviously from an engineering prospective.
									Charles was paid by Blaine County in 1896 for making maps. He was appointed a Mineral Draftsman in the Surveyor General's Office of Joseph Perrault from October, 1898 to April, 1899. A controversy erupted, because he and others replaced some civil service employees. Charles was serving at the same time as an officer of the Idaho State Republican Party along with Joseph Perrault. Together with John K. Ashley, Charles was appointed a Member of the State Board of Mineral Surveyors in 1903. He was fired as a consulting engineer by the City of Boise in 1906, along with all six of the appointed employees, and Charles died in November, 1906 in Boise of T. B.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Jessen, Adolph	Mineral Surveys	1881	USDMS	photo from Find a Grave		Buried in Mt. Olivet Cemetery, Salt Lake City, Utah	photo	1850-1904	Born in Germany, Adolphe came to the United States in 1876 and to Utah in 1880. He married Rose Augusta Erhardt in Utah in 1881, and they had several children together. He was a Danish Consul, a United States Deputy Surveyor, and a United States deputy Mineral Surveyor in Utah and Idaho for many years. He died in 1904 at Bingham, Utah by being electrocuted by his own survey measuring tape. He was surveying a Mining Claim on a steep mountain side, and when he and his chainman pulled the tape taut, it elevated enough to contact a 5000 volt electric line, killing both Adolphe and his chainman.
Jewell, James Edward	Mineral Surveys	1903	USDMS		yes, from obituary	Buried in Mount Olivet Cemetery, Salt Lake City, Utah, T 86 11	photo	1876-1915	Born in Salubria in Washington County, Idaho, James was attending the University of Idaho in 1898. He joined the Army in 1898 and served as a Corporal, and was a civil engineer in Boise in 1900. James married Daisy Bartlett Reavis in Cambridge in 1902 and surveyed one Mineral Claim North of his home town in 1903. He was involved in managing mining operations in Idaho County in 1903-04. He was a Forest Ranger in St. George, Utah in 1910, working for the Forest Service. He kept with that profession his entire career, working in Wyoming also at Afton. He had gone to Salt Lake City after he resigned in about 1915 and died there in 1915 at age 38 of heart disease.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Johnson, Hezekiah Harris "Ki"	Contract 105	1884	Rep Comp USDS		see Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/johnsonhezekiahbio.pdf	Buried in Clackamas Cemetery, Clackamas, Oregon	Photo GPS of gravestone by Jerry Olson: 45°25'24.5" 122°34'33.2" ± 7'	1849-1923	OR PE 539. Hezekiah was the nephew of Jasper Johnson, and the son of pioneer minister, Hezekiah Johnson. His father came across the Oregon Trail in 1845, and settled near Molalla, OR. Hezekiah was born in Oregon City in 1849, was elected Clackamas County Surveyor for 1886-88 and 1915-20, and worked as deputy county surveyor many times in between. He was a U. S. Deputy Surveyor in Idaho on his own in 1884, received a Joint Contract in Idaho with Ernest Rands from Oregon City in 1896, and another in Idaho with Harold Rands in 1897. Hezekiah also was elected Clackamas County Clerk 1888-1892. He was awarded a Joint Contract in 1895 with Ernest Rands East of Salem, where they shared the work.
									He received another Joint Contract with John David in 1898 for four townships in Malheur County, and they both signed all the oaths. He had a Joint Contract in 1899 with Hugh Smyth in Malheur County for seven townships. Hezekiah surveyed one of the townships, and the rest were surveyed by both. After a Contract on his own in 1900 near Roseburg, he was awarded a Joint Contract again with Rands in the very Southeastern corner of the state. They shared the work.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>In 1903 Hezekiah contracted for 15 townships within the Spokane Indian Reservation, with his success due to being the low bid, and against the recommendations of the Surveyor General, who was in favor of Alfred Ruth and Elmer Lenfest. His subdivisions of T29N R40E disclosed a previous error by Benson Surveyor, James Hull, of 2000 feet in the meanders of Chemokane Creek, which is the Eastern boundary of the Reservation. He needed to do a retracement of the North Boundary of the Reservation in 1905, and used Stephen Hungate, an experienced Deputy Surveyor, as compassman.</p>
									<p>Hezekiah was a partner on a Joint Contract with Attrass M. Kirchem and his compassman, Stephen Hungate, in 1905 in Idaho. Hezekiah married Anna Josephine Day in Clackamas County in 1886, had daughters in 1887 and 1888, and lost one of the daughters in 1888 and his wife in 1889. He and his first daughter, Violet, were living with his sister, Amy, in 1910, and he lived alone in 1920, at both times working as a surveyor for Clackamas County. He died in Clackamas County and shares a headstone with his sister Amy next to the tombstone of their parents. (biography) This is the maintained version of this information.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Joseph, Harry Sheridan	Mineral surveys	1896	Rep USDMS	yes		Buried in Mount Olivet Cemetery, Salt Lake City, Utah, R 156 2F. Mamie in U 174 1		1866-1947	Born in Ohio the son of a German immigrant tailor, Harry was living with an uncle in Ohio in 1880, and completed four years of college at the University of Cincinnati in 1887. Harry married Mamie Morris, the daughter of a grocer and another college graduate, in Utah in 1894, and they had no children. He surveyed five Mining Claims in Lemhi County, Idaho in 1896-97.
									Harry was listed as a grocer in Salt Lake City in 1900. He was in Mining in 1910 and generally worked as a mining engineer in Utah until he died there in 1943.
Joy, Francis Eugene	Special Instructions	1904	USS			Buried in Cypress Lawn Memorial Park, Colma, California, Rose, Lot 267		1874-1947	Born in Missouri, the son of a merchant, Francis attended College for two years and married Elizabeth Stingley in 1900 in Missouri. He was a civil engineer in Missouri in 1900, was surveying on the Pocatello Forest Reserve for USGS in Idaho in 1904, and was then a forest ranger in Colorado in 1910. He worked under the Direct System for the GLO in Santa Fe in 1918 and in Belmont, California in 1920. Francis was listed as a civil engineer in Belmont in 1930 and retired there in 1940.
K., L. H.	Clerk	1908	Dr/Clerk						Compared notes in the Surveyor General's Office
K., S. S.	Clerk	1904	Dr/Clerk						Initials in field notes of Clyde W. Riddell for Contract 247 in 1904.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Kelley, Fred Grant	Mineral Surveys	1905	USDMS	yes, from obituary	Buried in Mountain View Cemetery, Oakland, California	Buried in Mountain View Cemetery, Oakland, California	photo	1877-1961	ID PLS. Born in Colorado, Fred graduated from the Colorado School of Mines, Class of 1899, and married Gertrude Pearl Webster in 1901. He surveyed three Mineral Surveys in Boise County, Idaho in 1905 and was a civil engineer in Oakland in 1930, Fred was retired in Oakland in 1940 and 1942 and died there in 1961.
Kello, Richard Henry	Contract ??	1888	USDS	yes, from VMI database	Buried in Greenacres Cemetery, Muskogee, Oklahoma	Buried in Greenacres Cemetery, Muskogee, Oklahoma	photo	1853-1908	Born in Virginia the son of a farmer, Richard graduated from VMI in civil and mining engineering in 1871, placing 42nd of 44 in his class. However, there was a 50% dropout rate in that class. After graduation he worked as follows: 1871-74 civil engineer for AM&O RW; 1875 taught school in Louisa Co., VA; 1876 Reserve Engineer for Denver, South Park & Pacific RW in Colorado; 1877-80 Deputy Mineral Surveyor in Deadwood ND; 1878-80 City Engineer of Deadwood; and from 1881-84 Assistant Engineer UPRW, Utah Northern and Oregon Short Line. Richard married Myrtle Elizabeth Rogers in Missouri in 1882 and they had four children. .

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Richard continued being employed as: 1885 farmer and stock raiser in Carroll Co., MO; 1886-87 Division Engineer UPRW, Pocatello, ID; 1888-89 U. S. Deputy Surveyor Coeur d'Alene, ID; 1889 Chief Engineer of Canon Creek Branch, Coeur d'Alene, ID; 1890 Locating and Construction Engineer and Engineer in Charge of Atlantic and Danville RW, VA; 1891-92 in private practice, Radford, VA; 1893-94 City Engineer in Radford, VA; 1895-96 Chief Engineer in Hinton New River & Western, VA; 1897 and part of 1898 Engineer for Matheson Alkai Works, Saltville, VA; 1898-99 Division Engineer for RPC RW, VA;</p>
									<p>(cont.) 1900 Engineer in charge of Cumberland Branch of OSI RW, Wyoming; 1901-02 U. S. Deputy Surveyor and Mining Engineer Salt Lake City, Utah; and 1903-08 Locating and Reserve Engineer for Muskogee Southern RW, Oklahoma. Richard died in 1908 in Muskogee, Oklahoma.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Kellogg, Edwin Hosmer	Mineral Surveys	1891	USDMS	yes, from obituary	#REF!	Died in San Bernadino, California		1844-1927	<p>Born in Michigan, the son of a lumberman, the family moved to Ann Arbor where Edwin attended the University of Michigan. He moved to Colorado in 1865 to become the private secretary of Governor Hunt. Edwin married his wife, May Ayres, a graduate of Ohio Female College, in about 1869, an they had four children. Edwin was a U. S. Deputy Surveyor beginning in 1869 in Colorado, and worked at that continuously until about 1881, and then again from 1895-1901. After 1881, he was a civil engineer in Hydraulic work in Texas, New Mexico and Idaho.</p> <p>Edwin was appointed a United States Deputy Mineral Surveyor in Idaho on November 24, 1891 in Salmon City, Idaho and surveyed seven Mineral Surveys containing about 35 Mining Claims there in 1892. Edwin came to San Bernadino, California in 1894 as the Chief Engineer of the Arrowhead Reservoir and Power Company and stayed until completion. In later years he occupied himself with serving as the secretary to the Elks Club in San Bernadino.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Kellogg, Germaine Almond	Mineral Surveys	1882	Rep USDMS			Buried in Fair Haven Union Cemetery, Fair Haven, Connecticut	photo, broken tombstone	1848-1890	<p>Born in Connecticut, the son of a blacksmith, Germaine and the family moved to New York by 1858. He was appointed to the U. S. Naval Academy in 1865, but eventually resigned before graduation, after an unknown stay. He was awarded a Joint Contract with D. L. McFarland in Montana in 1874, and continued in Montana until his death. He was single and a boarder in Deer Lodge in 1880, and lived there except for brief times until 1890. He built a brick office in Deer Lodge with an apartment in the back. Germaine was appointed County surveyor in 1880, and kept that position as a Republican for some time. In 1883 as Deer Lodge County Surveyor, he ran a 9-man party to survey the line between Deer Lodge and Missoula Counties. after 38 miles, the reached the mountains in November and quit.</p> <p>His first Mineral Survey in Idaho was in Lemhi county in 1882. Germaine was the engineer for the Drummond and Phillipsburg RR in 1886 and built a new office in Phillipsburg. Germain had periods of illness after 1887 and contracted influenza in 1890. That developed into pneumonia and he died, leaving his estate to his brother. He never married, and his board bill at a restaurant in Deer Lodge at his death showed he loved oysters.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Kempf, John W.	Clerk	1895	Dem Dr/Clerk			Died in Anchorage, Alaska		1857-1930	Born in Wisconsin, John was the son of a German immigrant physician and his German wife. He was a Clerk in the brokerage office of his mother's brother or nephew in St. Paul, Minnesota in 1883-85, and from 1886-89 he was in partnership with J. P. Frye, probably the same relative. They sold real estate as Kempf and Frye in St. Paul. John first showed up in the Boise City Directory in 1893. He was appointed a Transcribing Clerk in the Surveyor General's Office of Joseph Straughn by 1895, and served until 1897 when Joseph Perrault took over and asked for his resignation.
									The Office was under Civil Service by then, and several of the Clerks sued and received back pay. John's brother, Jacob, died in Boise in 1897. There was a John W. Kempf that went on to prospect in Alaska and British Columbia by 1899 and died in Anchorage in 1930, but it is unknown whether this is the same person. He was the right age, was born in the U. S, and some genealogical resources pin him to this John W. Kempf.
Kendall, Lyman Bowles	Contract 153	1893	USDS	yes	yes. From obituary	#REF!		1869-1929	"Alimony King". Born in Maryland the son of a furniture dealer, Lyman was living in New York with his parents in 1880. He probably attended college and showed up in the Geological Survey in 1890 as an assistant topographer in New Mexico. In that position he mapped quadrangles along the Snake River in Idaho until 1893 when he resigned.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Lyman was awarded Contract 153 in Idaho in early 1893 for five townships North of Orofino and was examined by Henry Collier in 1894. He received another Contract in 1894 for 14 townships generally South of Boise in 1894 and was examined by Hollyday in 1895. Lyman married Ellen "Nellie" Truesdale Ballentine, the daughter of the former Governor of Idaho in 1895 in Boise. Another Contract for three townships North of Orofino and four townships North of Twin Falls were examined again by Hollyday in 1896 and 1897. Four townships under a Joint Contract with Frank Shirley North of Boise were examined also in 1897.</p>
									<p>His last Contract was for six townships North of Twin Falls and three townships near Boise in 1896. He was not examined, but the Surveyor General did noted that Lyman paid the Clerks overtime to examine his notes in a hurry. Nellie was buying New York newspapers, dreaming of society, and Lyman began reading the Wall Street section to learn about investing. Lyman and Nellie moved to Manhattan by 1900 where Lyman was an "investor". They travelled to Europe in 1906 and had a daughter in 1909. Lyman would be in banking the rest of his life, accumulating a lot of money.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He kept ties to Idaho and served on the Board of Directors for several Idaho companies that he invested in. He travelled to Europe again in 1910. By about 1916, the Kendall fortune had grown to be about \$20,000,000 due to the genius Lyman had with the stock market. Nellie and Lyman were divorced in 1918 with Nellie being awarded \$4,500,000 in alimony plus an annual stipend of \$100,000. The cause noted in the newspaper was Nellie's "social climbing".</p>
									<p>Lyman soon remarried in early 1919 to Catherine Elizabeth "Betty Lee" Coyle, a singer that went under the stage name of Betty Lee. Nellie remarried in 1920 at age 51 to her chauffer, a man 21 years her junior, and died in 1923, nearly broke. Lyman continued in banking and investing until he died of a heart attack in 1929 at age 59, six months before the stock market crash.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Kerr, Sarah Blanch "Blanch" Miss "KBS"	Clerk	1905	Dr/Clerk			Buried in Morris Hill Cemetery, A 35, 6	photo	1884-1948	Born in Ohio, the daughter of a medical doctor, Blanche graduated from high school. She was in Ohio with her family in 1880 and was appointed a stenographer in the Boise Surveyor General's Office of Ern Eagleson by 1905. Blanche initialed notes as BSK. She continued in the Surveyor General's Office of Darwin Utter as a typewriter in 1909 to at least 1915. Blanche married Demetrius Bagley in 1915 in Boise, a surveyor or draftsman for the Federal Government. in Boise, and they had two daughters. Murray continued in that profession in Boise for the Federal Government until he retired after 1945. Blanche died in Boise in 1948.
Kimball, Nelson Freeman	Clerk	1878	Dr/Clerk Ch Clerk			Buried in Hillcrest Cemetery, Weiser, Idaho	photo	1843-17	Born in New Hampshire, Nelson enlisted in the Illinois Infantry in 1862. He was imprisoned in March, 1865 and mustered out in May 1865. Nelson a bookkeeper living at home in Illinois in 1870 and was lodging with Clerks, Thomas Conroy and Theopollis Randall, in 1880 in Boise. He noted that he was a bookkeeper in the Surveyor General's Office. He was a draftsman there from 1878-1883 and Chief Clerk from 1883-85, all under William M. Chandler. Nelson married Sallie French in Boise in 1883, and she was noted as a Transcribing Clerk in the Surveyor General's Office from at least 1883-85. They had one son in 1885. Nelson was a coal dealer in 1900, a farmer in 1910, and died in 1917 of liver cancer, all in Weiser, Idaho

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Kimball, Sallie French Mrs.	Clerk	1883	Dr/Clerk				photo		Born in New York, the daughter of a druggist and physician, Sally became a school teacher by 1870. She was in Boise, Idaho by 1883 when she married Nelson Freeman Kimball and was appointed a Transcribing Clerk the same year in the Surveyor General's Office of William M. Chandler. Her husband was the Chief Clerk in the Office at the time. They had a son in 1885. Sallie was with her husband and son in Weiser, Idaho in 1900 and 1910 and died there in 1922.
Kimmell, Albinus Nance	Contract 203	1899	USDS	yes			photo		ID PLS. Born in Nebraska, the brother of William B. Kimmell, Albinus graduated from the University of Indiana and married Lois G. Bruno in Boise in 1897. They had four children, including two sons that went on to be surveyors in the Direct System. He was awarded Contract 203 in 1899 for four townships North of Weiser and was examined by Frank Brigham.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Two Joint Contracts with William Alley followed for ten townships in Western Idaho in 1899 and 1901, on which Albinus used future Deputy Surveyor George W. Fenley as a chainman. Albinus had seven more Contracts in Idaho through 1908 on his own and as Joint Contracts with Frank Maxwell, Leonard Deihl and William Rafferty, mostly in Western Idaho totalling 63 townships. After working as a USDS in Idaho from 1899-1908, he went to work for the Direct System in 1911. He was still in Boise as a surveyor with the GLO in 1918 with Lois. They had moved to Denver by 1920, and Lois died there in 1924. Albinus remarried to Clara Glaskin in 1925. He was a Cadastral Engineer in Denver in 1930 and retired to Glendale, California in 1935-1941.
Kimmell, William Blanchard	Contract 162 (with Samuel G. Rhodes)	1894	USDS	yes			photo		ID PLS. Born in Indiana, the brother of Albinus Nance Kimmell, William moved to Nebraska with his family by 1873 and graduated from high school. They were in Gunnison, Colorado from at least 1882-87. He married Jesse V. Donley in Boise in 1892, and they produced three children. William received Joint Contract 162 with Samuel G. Rhodes in 1894 for 14 townships Northeast of Weiser , and they were examined by H. B. P. Hollyday.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He had three more Contracts with Rhodes from 1895-97 for 42 townships all over Southern Idaho, and they were examined partly by Thomas Gerdine and George Ball. William joined the Army as a surveyor for the U. S. Engineers in 1898, attaining the rank of sergeant. William and Jessie were divorced in September, 1899 He was a divorced surveyor in Rea, Idaho in 1900, living with another surveyor and a cook. William was also listed living with Albinus in Boise along with William's daughter, Jesse. William patented a sophisticated camp stove in 1907.</p>
									<p>William was alone as a civil engineer in Boise in 1910, but it appears someone else filled out the data, because of all the unknowns. He remarried to Margarite Case in Los Angeles in 1919. They were in Oakland in 1920 where William was listed as a civil engineer. After one son in 1926, they must have divorced, because William remarried again to a Mexican immigrant, Josefina Gutierrez, in Santa Cruz, Arizona, and they had two daughters, even though William was past 62+. William performed surveys for the Direct System in Arizona from 1914-28. He must have retired, because he was a prospector in 1930, retired in 1940, and died in 1943, all in Santa Cruz.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
King, Charles Adeniram	Mineral Surveys	1904	USDMS				photo		ID PLS 54. Born in Pennsylvania, the son of a barber, Charles was living at home as a farmer in Pennsylvania in 1870. He married Alice May Damon in 1871, and they had two daughters. They were all in Colorado with Charles as a cattle rancher in 1880, but Charles and Alice were divorced in 1894. Charles surveyed two Mineral Surveys well North of Weiser in 1904 and surveyed four more in the same vicinity in 1905. He was living with his brother, Frank, in Boise, Idaho in 1910 as a civil engineer and died there of a cerebral haemorrhage in 1913.
Kinnaird, David W.	Special Instructions	1899	SES		see Jerry Olson, from obit. From Clallam County Genealogical Society. Go To: http://www.olsonengr.com/download/globios/kinnairddavidwbio.pdf		See Jerry Olson, No Marker on gravesite in family plot for either David or Rena Gps of gravesite by Jerry Olson: 45°20'35.6" 122°35'16.7" ± 10		David was born in Saratoga Springs, New York and graduated from Union College at Schenectady, NY. His family moved to Illinois and Iowa, after 1864, and his father died before 1880. Shortly after graduating, he worked for the Corps of Engineers in Missouri, North Dakota and Arkansas from 1879-80 before he came over the Oregon Trail in 1880 to Oregon. By 1890, his widowed mother and his sister, Louise, were living in Portland, and he lived with them in 1896. In that year he was appointed a U. S. Deputy Mineral Surveyor, but has no plats in the record. He had a brother T. J. that worked for the RR in OR and WA, and another brother William H. that was a Deputy Surveyor in Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>David was elected Clackamas County Surveyor 1894-96. He was named as a Special Examiner of Surveys in Oregon, Washington and Idaho from 1897-1902, including 69 exams in Oregon, 17 exams in Washington and at least 4 exams in Idaho. His notes are available for his exams of many townships under Contracts 713 and 714 in Oregon. They were in a township which had fraud perpetrated in order to facilitate the surveys. Nearly all the entrymen's applications were fraudulent because the land was arid and barren. He examined Henry Meldrum in 1901 and noted it as first class work. His corner locations noted Nickerson's with in a few links. Regardless, the Contract was suspended for probable criminal reasons. The exam of 713 of George Nickerson went a similar path. In 1900 he married Rena Strange, a widow with three children. They had one son in 1903.</p>
									<p>During 1902, it was alleged that he fraudulently affirmed the existence of fictitious entrymen noted by the Deputy Surveyor, Rufus Moore, in T27S R26-30E in Oregon. For that he was indicted for surveying fraud by the Feds in 1905, along with Henry Meldrum, Rufus Moore, and Frank Van Winkle. Henry Meldrum was sentenced to three years at McNeil Island Federal Penitentiary, but the fate of the others is unknown.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									David surveyed many private plats in Eastern Washington from 1907-1914 in Kittitas, Grant, Adams, Whitman, and Spokane Counties, and was elected Spokane County Surveyor in 1913. In about 1908, he was a townsite engineer for the CM&SPRW, and then surveyed the Seattle, Port Angeles and Lake Crescent RR at about the same time. David was a civil engineer in Seattle in 1910, was appointed Port Angeles City Engineer in 1916, and died in Port Angeles in 1916. He and Rena are buried in unmarked graves at Mountain View Cemetery, Oregon City, Oregon. (biography) This is the maintained version of this information.
Kinnaird, William H.	Contract 194	1897	USDS				Divorced in 1907 in Butte, Montana, probably dead by 1916.		Brother of David Kinnaird. William received Contract 194 for two townships North of Weiser in 1897. He surveyed them in 1898 using future USDS Don Meldrum as a chainman. He was crewman for David Kinnaird in Idaho and Montana in 1899 on examination surveys, and was noted as coming out of Oregon. William married divorcee Elvidora Smithers Phillips in Butte, Montana in 1906, and she was listed as divorced in 1910 in Butte. That is the last found on William, except that he was not listed as a surviving relative in David Kinnaird's obituary in 1916.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Kirchem, Attrass M.	Contract 258 (with Stephen A. D. Hungate)	1905	Dem USDS			Redland Pioneer Cemetery, Clackamas County, Oregon	Photo	1864-1951	Born in Oregon, Attrass completed 4 years of high school, married Augusta E. "Gusta" Funk there in 1891, and they had two children.. He was a crewman for David Kinnaird in Idaho and Montana in 1899. He received Joint Contracts 258 and 259 in Idaho in 1905 for 14 townships near the Coeur d'Alene Reservation with Stephen Hungate, also from Clackamas County. By 1910 he was back in Clackamas County as a farmer, and continued that until 1951 when he died there. Gusta died in 1948. He ran unsuccessfully for Clackamas County Commissioner in 1932.
Klippel, Henry V.	Contract 204 (with Emery Oliver)	1899	USDS		yes, from obituary	Buried in River View Cemetery, Portland, Oregon , Sec 104, Lot 79, grave 3	photo	1875-1913	Born in Jacksonville, Oregon, the son of Henry S. Klippel., Henry was part of the Engineering Department of the City of Portland and later went into the RR contracting business. His first wife, Florence Elizabeth Sterling, died in 1910 of pneumonia, and he remarried to Ella H. At the time of his death, he was a member of the Klippel-McLean Company, doing extensive work in Northern California. He had been living in Los Angeles trying to recover from TB.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Koch, Edward Cabot	Mineral Survey	1891	Rep USDMS			Buried in Woodlawn Cemetery, Bronx, New York		1859-1898	Member AIME. Born in New York, the son of a tailor, Edward graduated from Columbia University School of Mines in 1879. He began in Colorado after school, being employed first as an assayer and chemist for smelters in Leadville Colorado. He was then surveyor and assistant superintendent for the Little Annie Gold Mining Company at Summitville. He was in Rocky Bar, Idaho as Assistant General Manager for the Elmore Gold Mining Company from 1889-1892, living in Rocky Bar. He examined mining properties in Idaho until 1897, until he returned to New York, where he was named a member of the Institute at Columbia. He was soon diagnosed with a malignant tumor that could not be removed and died of cancer in 1898.
Kornberg, Gustave Adolf "Gus"	Mineral Surveys	1891	USDMS		yes, from obituary		photo		Born in Germany, Gustave immigrated to the U. S. in 1887 as a civil engineer and was naturalized in Butte, Montana in 1892. He surveyed six Mineral Surveys in Lemhi County, Idaho in 1890 and also surveyed Contract 240 in Montana in 1890 for \$110 for the exteriors of one township. Gus appears to have cooperated with Oregon USDMS John Hagel to create a detailed map of Silver Bow County, Montana, in 1890. He was listed as an active Mineral Surveyor in Idaho in 1891, living in Butte.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Gustave was also in the Directory of Butte in 1891-92 as part of Kornberg and Hanson. Gus and a partner leased the Hibernia Mine and cleared \$120,000 on the venture. A He lived in San Francisco in 1897 and was a corporate officer of the Royal Eagle Distilling Company in Oakland in 1898, that was affiliated with the Pabst Brewing Company. The 1899 Directory named him a mining engineer in Fruitvale, outside of Oakland, California. He purchased a half interest in a dredging patent in Oakland in 1900.
									Gus was a mining engineer in the Directory of San Francisco in 1901, but returned to Butte because of poor health due to a heart condition. He died in Boise in April, and was buried in Butte in 1901. A court case in 1907, long after his death, revealed the charge of fraudulent activity involving a mine in Butte in 1891 by Gustave. Gus had a brother that preceded him to Idaho, a former wife in San Francisco, and a sister that travelled to his funeral.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Kribs, Edwin P.	Mineral Surveys	1907	USDMS			Died in Wallace, Idaho, buried in Riverside Cemetery, Spokane, Washington		1872-1962	Born in Wisconsin the son of a tinner, Edwin attended college for four years, and was living with his parents in Iowa in 1893. He was a liveryman in Sun Prairie, Wisconsin in 1900 and married Mary Hazel Pauol in Minnesota in 1904. Edwin surveyed Mineral Survey 2344 in Northern Idaho in 1907, but was a store clerk in a hardware store in Wallace, Idaho in 1910. He was listed at a stock control clerk for Coeur d'Alene Hardware and Fndy Company in Wallace in every census and directory after that through 1940. He was noted as a mining engineer as his usual occupation on his death certificate in Wallace in 1962.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Lake, Wells	Chief Clerk Oregon Surveyor General's Office (3/25/1852)	1852	Whig Dem Dr/Clerk Ch Clerk			Died in Evanston, Illinois		1816-1884	<p>Born in New York, Wells came to Chicago as a young man, and resided there promoting wheat transportation by railroad per Kay Atwood. He helped unload a locomotive in 1848, and was an assistant engineer for a RR from Chicago to Fox River. His uncle and namesake was a New York Politician. Wells had travelled to California by December 1850 when he was bidding on street construction in Sacramento. In December of 1851 he was asked by Preston to come to Oregon to fill a position in Preston's Surveyor General's Office. Lake knew the Prestons and Robert Elder in Illinois. He became Chief Clerk in April, 1852 when Robert Elder received his first Contract, a job Wells held until February, 1855, with one gap when he was in the lumbering business. He was in a party that made the first ascent of Mt. Hood in 1854 in Oregon.</p> <p>They had two children, one of whom died as an infant. He was a member of the Chicago Board of Trade and formed partnerships with a Mr. Turpin in 1861 and his brother, David, in 1863. He moved to Evanston, Illinois in 1867 to be a bookkeeper in a bank. Wells stayed in Evanston, mostly in partnership with a Mr. Ashley, as merchants in grain and pressed hay. He died there in 1885. See OR GLO Surveyors for the maintained version of this information.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Lackland, Samuel Watkins	Contract 108 (as compassman for Allen M. Thompson for portions)	1884	Comp		short one from ancestor book	Died in Portland, Oregon, buried in Zion Episcopal Churchyard, Charles Town, West Virginia		1857-1928	Sam was born in West Virginia into a prominent family, and his grandfather had owned about 30 slaves in 1850. He came West to Jacksonville, Oregon by 1880 where he was listed as a gold miner, and may have gone West as early as 1875 with a friend. He received GLO Contracts in 1880 and 1881 at Canyon City in Grant County, and also worked his mine on Palmer Creek near Jacksonville. The first of those Contracts was a Joint Contract with Bamford Robb, and they shared the work. Bamford was the Notary on the second. He married Kate Dorwin, the stepdaughter of Judge H. K. Hanna, in March, 1881 in Jacksonville. Sam was part owner of a door and sash business in December, 1881 in Portland. Their daughter, Roberta was born in Portland in October, 1882, and Kate appears to have moved back east after that. Sam travelled back at times, and their two sons were born in Virginia and West Virginia in 1884 and 1886. Kate received a position in the U. S. Printer's Office in 1890, thanks to her step-father and Senator Mitchell from Oregon. She had a government job in Washington, D. C. in both 1900 and 1910, and was living with her children.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Sam received Contract 458 for 8 townships in the middle Oregon high Cascades in July of 1882. He had just finished another Contract on the California border. For that Contract Southeast of Cave Junction for T41S R3,4W, he failed to run the closing lines to the State Boundary, and reported distances that were up to 26 chains in error as disclosed by Fred Rodolf. In his defense, the State Boundary had been so poorly surveyed by Daniel Major, that it would have been very difficult to recover in the mountains. Sam was a surveyor and living as a roomer in Portland from 1884 until at least 1920. Allen Thompson used him as the compassman for T48N R1E, Boise Meridian in Idaho in 1885. Later surveyors cannot find any corners, and the topog calls do not match. He had travelled to Virginia in 1887, and to Spokane and San Francisco in 1888. His younger brother was with him in 1889 in Portland.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Lancaster, Henry McKee	Mineral Surveys	1902	USDMS						ID PLS 39.. Born in Iowa the son of an immigrant English farmer, Henry was attending the University of Idaho in 1900, while his parents were in Rathdrum, Idaho. He graduated in 1902 with a degree in Mining Engineering. Henry married Grace M. Baldwin in Spokane in 1905 and had an office there in 1906. He was a mining engineer in Wallace, Idaho in 1906 and 1910, still married to Grace. While in Wallace, Henry and Grace were sued for money, and had pending foeclosure sales in 1913. Henry was leasing the St. Lawrence Mine as a mining engineer in Saltese, Montana in 1918, shortly after he had remarried to Elsie Knudson in Chicago. Elsie had recently lived in Spokane. The 1930 census included him as a mining engineer in Portland, Oregon.
Latimer, Thomas Hardy	Mineral Surveys	1891	USDMS	yes			photo		Born in Utah, the son of a carpenter, Thomas was still living at home in 1880 working as an assayer. He married Ann America Gant in Salt Lake City in 1881, and they had five children. Thomas was listed as an active Mineral Surveyor in 1891 living in Challis, Idaho, but resigned in 1892 per the Surveyor General's report in Idaho. He was a metallurgist in Salt Lake in 1900 and mining engineer there in 1910 and 1930. Ann died in 1918, and Thomas died in Salt Lake in 1933.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Lee, Robert Henry	Mineral Surveys	1882	USDMS	yes	yes, from Salmon Arm, British Columbia Museum and Kamloops Museum and Archives		photo		<p>Born in Ohio, the son of a farmer, Robert left home at age 16 to join a RR survey crew. By age 19 in 1879 with both parents dead, he was running a RR survey crew on his own. In that year he was a deputy civil engineer in Leadville, Colorado. He then moved to the Pacific Northwest to work on branches of NPRR and UPRR in several locations.</p>
									<p>Robert was appointed a USDMS in Idaho by late 1882 and surveyed four Mineral Claims West of Hailey. Later in the year he surveyed one more Mineral Survey at Wallace, Idaho. Robert was in Kamloops, British Columbia surveying by 1884, probably for the railroads. He opened an office as a Provincial Land Surveyor and Engineer and also advertised as an architect for the next 20 years, designing many buildings in Kamloops. He opened an assay office for a year and then a grocery and feed store for a year. Robert was a founder of the Hidden Treasure Mining Company and then married Violet Tite in Victoria in 1889. They soon had twin daughters.</p>
									<p>Robert was involved in the community, and when the City of Kamloops incorporated in 1893, he became an Alderman. He served two terms as Mayor, and when that ended, he was named City Engineer of Kamloops, lasting until he retired in 1934. Violet died in 1928 and Robert died of an accident at home in 1935. His records and diaries are in the Kamloops Museum and Archives.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Lellman, Paul C.	Clerk	1893	Dr/Clerk						<p>Born in New York, Paul was boarding with an unknown family in New York in 1870 while he was in school. He was named a draftsman in 1893 in the newly formed Office of Democrat Surveyor General Joseph C. Straughn. When the Republicans took control in 1897, Joseph Perrault, a Boise A Businessman, was named Surveyor General. He dismissed at least five of the staff in cluding Paul, saying the work load made them unnecessary. They all filed a complaint with the Civil Service Commission, and eventually won back pay.</p>
									<p>Paul was appointed State Engineer in 1898, replacing Fred J. Mills, who joined the Army for the Spanish American War. He was in Weiser, Idaho in 1900 as a draftsman for the P&IN RR. Paul moved to Salt Lake City in 1901 and was a widower and a civil engineer in all the censuses through 1930. He died there in 1933, noted as an employee of the Salt Lake City Hospital. While in Salt Lake, Paul was always a roomer and single. The details about his previous marriage are unknown at this time.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Leonard, Ella Fay "Fay" "L. F." Miss	Clerk	1909	Dr/Clerk				photo		Born in California, Fay attended three years of high school. She was a Clerk in the Surveyor General's Office of Ern Eagleson in 1907 and for Darwin Utter in 1909. Her initials are found on many sets of field notes during that time. She married civil engineer, Henry Ray McBirney, in Boise in 1911, and they had three children. Harry had studied civil engineering at the University of Iowa from 1904-08 and was a civil engineer and draftsman for the Bureau of Reclamation in Idaho until at least 1923. After that time he transferred to Denver, Colorado, where he continued with USBR until he retired in 1950.
									He was a renowned hydrologist and a member of ASCE, creating policies adopted by UBBR on canal design and concrete erosion, among others. Fay became a housewife after her children were born. She died in 1959 and Harry in 1875, both in Denver, and they are buried in Boise.
Leonard, Lucia W, Miss	Clerk	1897	Dr/Clerk	yes			photo		Born in Idaho, the daughter of a merchant, Lucia was a stenographer in 1900 in Boise for the State Supreme Court and was a typewriter in the Surveyor General's Office of Ern Eagleson in 1903-1905. Lucia left the Surveyor General's Office by 1906 when he married Boise Attorney, Joseph T. Pence in Boise, and they had three children, two of which died as new babies.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Joseph kept his practice up in Boise and was elected Mayor in 1909 as a Democrat. They continued in Boise through at least 1920, living through the deaths of two newborn children. The three were in Salt Lake City in 1930. Lucia was in San Bernadino at the home of her sister in 1933 where she died trying to recuperate from a long illness and is buried in San Bernadino. Joseph is buried with his parents in Wyoming.
Le Prohon, Edward M.	Mineral Surveys	1901	Rep USDMS				photo		Born in Rhode Island, the son of the French Consul, Edward served in the Army from 1864-65 in the Civil War. Edward married a lady named Mary in 1887, and they had one son. He came to Utah by 1890, noted and was named an appointee as a cement examiner in 1891 for the City. Edward was surveying Mineral Surveys in Utah at least by 1895. He was active in Republican politics in Salt Lake City, beginning by 1895 and eventually won a City Council Seat in about 1906.
									Edward lived in Salt Lake City in 1901 when he was appointed a U. S. Deputy Surveyor in Idaho, and late in the year he received instructions for five Mineral Surveys just North of Pocatello. That was followed by 12 more Mineral Surveys in the next three years, mostly in Owyhee County, Idaho. He was bitten by a poisonous insect in Idaho in 190 and developed blood poisoning. Edward was unconscious for ten days in Salt Lake before dying of infection at age 60.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Lloyd, George Wilder	Mineral Surveys	1904	USDMS		yes, from History of Nevada				born in Massachusetts, George was educated in the public schools and served five years in the Boston City Surveyor's Office. He moved to Iowa in 1876 to enter RR construction, and then moved to Leadville, Colorado in 1879 where he was appointed a Deputy Mineral Surveyor in 1880. George married Lillie May Fossum in 1891, and they had one daughter. George eventually moved to Idaho in 1900 where he surveyed three Mineral Surveys in Northern Boise County. He relocated again to Nevada in 1906 where he superintended a mine for a year before moving to Reno in 1908. He was noted as a mining engineer in the 1910 and 1920 censuses in Nevada, and Lillie was a widow in 1930.
Locke, Walter Coutant	Mineral Surveys	1910	USDMS		yes, from obituary		photo		Born in Illinois, Walter attended the University of Illinois in Civil Engineering and graduated in 1909. He moved to Centerville, Idaho in 1910, where he began working for the Centerville Mine and Milling Company. He soon married to Lois Weber, a friend from college, and they had three children. While in Centerville, Walter surveyed four Mineral Surveys in 1910-11 before returning to Illinois in 1912. He worked for the State Highway Department for five years and then accepted a position with the Salina Coal Company. Walter continued there until he was killed in a mining accident in 1921.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Long, John A.	Clerk	1890	Dr/Clerk USDS		yes, from local genealogy in Kansas				John was born in Leavenworth, Kansas and attended the local schools until age 14 when he apprenticed as a printer with The Times in Leavenworth. He went to Santa Fe, New Mexico when still young where he edited the New Mexican, the first paper printed in Santa Fe. John decided to become a civil engineer, and self taught himself, with some help from The Scranton Correspondence School and the Kansas State Agricultural College. He served in the office of Surveyor General Clarence Pullen as a draftsman in at least 1885 and then was Chief Draftsman for Surveyor General George W. Julian in Santa Fe at least in 1889.
									John received a Joint GLO Contract in New Mexico with John Diehl in 1882 for about 50 townships. He was in Idaho to receive three Contracts in 1890-91. The first was a Joint Contract with Samuel G. Rhodes for 18 townships and a Standard Parallel. They both signed the oaths, and used Joseph Munn as compassman for portions. The next two Contracts were Joint Contracts with Oscar Sonnenkalb for 61 townships, mostly in the Panhandle. They were examined by George Ball and John Stephens and mostly were surveyed by Sonnenkalb. He again used Joseph Munn as compassman for portions.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Returning to Leavenworth from Idaho in 1897, John worked in the city engineering office, and was County Surveyor. At some time he occupied a position for 30 years as an engineer in the sewer department of Kansas City, while living in St. Joseph, Missouri. John briefly moved to Detroit, Michigan and died in Michigan, but is buried in Leavenworth. It appears he never married, but lived with his sister, Mary, for many years.
Long, Walter DeVillo	Contract 285		USDS		see Jerry Olson, from obituary, Go To: http://www.olsonengr.com/download/globios/longwalterdbio.pdf		See Jerry Olson Gps position of gravestone by Jerry Olson: 47°00'47.2" 122°53'35.9"		Born in Ohio, the son of a farmer, Walter came to Oregon before 1891 with his family. He was a student at Yamhill in 1900, and the 1940 census listed him as having completed 7 years of college. That school was the University of Oregon, where he was in the Engineering Club in 1904-05. He worked on surveys with 4 Deputy Surveyors from 1904-07 that were graduates of the U of O. He was a axeman for Milton Germond (U of O, 1906), in 1904 on his Joint Contract 611 with George R. Campbell (U of O, 1901), in the very Northeast corner of Spokane County.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Walter, George R. Campbell, and Milton Germond were the successful low bidders on a very large Contract of about 40 townships in the Yakima Indian Reservation in 1905. Walter was untested, so the award was provisional until he proved himself. They were actually second to Charles L. Campbell, George's brother, (U of O, 04) but the Contract was too large for one person by the rules then in place, so the second lowest bid was chosen. Charles, the brother of George, worked as a chainman for Walter.</p>
									<p>The work was divided up between the surveyors, with Walter getting the largest share. He surveyed 3 townships on the upper Klickitat River and 14 townships Southeast of White Swan, in the sagebrush desert. The work was examined by Louis Dent, and George Campbell had to resurvey 1 mile of line in 1907 and 5 miles of line in 1910 of Walter's survey. As part of his work, he retraced several miles of the South Boundary of the Reservation, but in 1905, a court decision moved the line to the South, and his line was for naught. He ended up surveying the new line in 1915 as an employee of the Direct System. They were still trying to get part of their pay from Contract 632 from Congress in 1922. In 1907, the same surveyors received another Contract on the Reservation, but it is unknown where that was.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Walter surveyed one township on his own in Idaho in 1907. Walter may have been in ROTC at the U of O, for in 1907 he enlisted in the Army and was commissioned an officer. He married Cora Crone in 1912, and in 1914 Walter moved from Cle Elum, Washington to Olympia to join the GLO survey crews headquartered there. After the Contract Era for the GLO ended in 1910, Long worked for the GLO and the BLM as a direct employee from at least 1911-42, mostly out of the Olympia office. He did one survey in Arizona in 1915 as a U. S. Surveyor. Cora divorced him in January, 1921, but they remarried in April. She filed for divorce again in April, but they somehow stayed together. Cora was a long time dog breeder and participant in dog shows out of Olympia. Walter was of medium height, of stout build, with blue eyes and light brown hair. (biography)</p>
<p>Lord, Harrison Springstead</p>	<p>Mineral Surveys</p>		<p>USDMS</p>				<p>photo</p>		<p>Born in Nebraska the son of a farmer, Harrison attended college for four years. He was a civil engineer in Anaconda, Montana in 1900 and married Elizabeth Jane Fletcher there in about 1903. Harrison surveyed one Mineral Survey in Lemhi County, Idaho in 1904 and was a bridge contractor in Missoula in 1920. Harrison moved to California and was noted as a bridge builder in Sacramento in 1930 and a civil engineer/owner of a gold mine in California in 1940. Harrison died in Sacramento in 1962 and Elizabeth died 2 months later.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Loring, Frank Curtis		#REF!	USDMS	see Jerry Olson	Yes, from obituary				Member AIME. Frank was born in Valparaiso, Chile, South America, where his father, Charles, represented Loring Brothers, the American family business involved in banking, shipping and mining. His family moved to Central City, Colorado in 1867 where his father was into mining. Frank was a farm laborer North of Denver in July, 1880, and graduated from the University of Colorado in 1883. He married his wife, Charlotte, and had their first child there in the early 1880's. He was in Wallace, Idaho in 1882-91.
									Frank was in Wardner, ID, just South of Kellogg, as a mining engineer from 1886-1891, where his daughter was born. From 1882-93 Frank surveyed 46 Mining Claims in the Idaho Panhandle, mostly near Wallace. He moved to Spokane by 1893, again as a mining engineer, and in 1895 managed the Josie Gold Mines, processor of Le Roi No. 2 at Rossland, B. C. Frank was also a USDS in Oregon and Idaho. Between 1893 and 1895, he surveyed 11 Mining Claims at Kettle Falls, Colville, and Northport. He then partnered with George Crane in mining interests until 1901 when Crane bought the Hill Shoe Company in Spokane, and Frank was listed as the manager. He maintained an office as a Mining Engineer in the Empire State Building in Spokane, and again managed the Crane Shoe Company in 1905.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									His wife Charlotte left for Europe for two years in 1900 with the two children, and his daughter, Frances, studied Art in Europe before enrolling in the Art Institute of Chicago in 1905, where she met her life partner, sculptor Florence Wyle. Together, they moved to New York from 1909-1912 where they lived with Charlotte, and then to Toronto in 1912, where they established a sculpture studio. They died in Toronto, only three weeks apart in 1968. His son, Ernest, graduated from MIT in 1909 in mining engineering.
Luck, Charles Washington	Mineral Surveys	1902	USDMS USDS	yes, from Find a Grave			photo	1857-1945	
Lunde, Sigurd Gulbrandsson	Mineral Survey	1886	USS	See Jerry Olson			See Jerry Olson		Sigurd was born in Rubicon, Wisconsin, the son of a Postal Supervisor. He graduated from the University of Wisconsin in 1908 in Civil Engineering, and lived with his brother in 1907 outside of Madison. He was a junior topographer for the USGS in Sacramento in 1908, and was stationed in Washington in 1909, 1916, 1919, and in Idaho in 1911. Sigurd was a topographer for Samuel Gannett on the survey of the Washington/Idaho border in 1909, retracing about 17 miles of line North from Newport, WA, and then mapped several other sections.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He married Ellen Dorthea Hanson in 1908, and in 1910, Sigurd was Assistant Topographer for part of the surveys for the Fairbanks Meridian and Baseline for the USGS. This was a controversial survey in that it caused sparks between the GLO and the USGS, and the USGS said it would not do GLO surveys after that. USGS had used triangulation to control the survey, rather than the cardinal line running by the GLO. R. H. Sargent of the USGS wrote a letter to Washington, D. C. in the fall of 1910 in which he discussed the error of Lunde and how they might isolate it. Amherst Barber wrote a critical examination of the survey as a Clerk for the GLO in Washington, D. C.</p>
									<p>Sigurd was stationed in Baker City, Oregon for the summer of 1911, from which he surveyed the Clearwater Forest in Idaho in 1911, and some valleys near Baker. The fall of 1913 was spent doing a power survey of the Middle Fork of the Willamette River. He surveyed quadrangles in Brewster County, Texas in 1916, and was doing office calculations in 1918. Sigurd was back in in Rubicon, WI in 1918 as a farmer, and also nearby Ashippan, WI after that, also as a farmer. He continued in the employ of the USGS until retirement in 1950. He died at his farm in Wisconsin in 1951.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
MacConnel, Augustus	Special Instructions (as Assistant Astronomer for A. V. Richards)	1873	Astr				photo	1838-1915	Born in Elmira, New York, the son of a farmer, Augustus was still on the farm in 1850 and was a student at the Cambridge Observatory in 1865 at Harvard University, Cambridge, Massachusetts. He was listed in the 1872 Directory of Cambridge as a dealer in watches. He showed up in the same directory in 1873 as dealing in watches and as an astronomical observer at the Cambridge Observatory. Alvord Van Nes Richards was given a Contract to survey the West Boundary of Wyoming in 1873, and named Augustus as his Astronomer. His task was to determine the location of the intersection of the 45th Parallel and the 34th Meridian..
									Augustus was listed as a scientist in a directory in 1879 and a farmer in 1879 and 1892 in Elmira. He was an astronomer on a survey to fix the ground location of the 100th Meridian and the Red River in 1902. Augustus was a farmer in Elmira from 1909 until 1913 when he was listed as retired. He died there in 1915, and apparently never married.
Macdonald, Malcom Lloyd	Special Instructions	1899	USDMS	yes	yes, from obituary and Who's Who in Nevada.		photo	1865-1911	Born in Nevada, the son of a miner in Comstock, Malcolm lived in Montana by 1870 and was first noted as a mining engineer in Montana in 1887 in the firm of Baker and Harper in Anaconda. \ He was part of the engineering partnership of Harper and MacDonald with Joseph H. Harper in 1900. Malcolm was a single mining engineer in Mammoth, Utah in 1900 and was also bonded as an Idaho USDMS in 1900.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He did no final surveys in Idaho or other surrounding states that could be found, although the newspapers noted surveys made in Montana. He lived in Butte, Montana most of his life and was listed as a consulting engineer from at least 1892-1904. While in Montana, he served as a Director of several mines and was involved in different lawsuits
									In about 1904, Malcom became involved as the Mining Engineer of the Montana-Tonopah Company in Tonopah, Nevada, and his brother, Irving, took his position with Harper and MacDonald. Malcomb became an incorporator in what was noted in the Newspaper as one of the biggest lead and silver mines in the world. By 1905 he was the manager of mines in the area. In 1906 Malcolm was noted as a Director of the Nye and Ormsby County Bank of Tonopah and Goldfield, Nevada, and in 1907 was the President of a Company that owned 15 Claims in the area. He was listed as one of the consulting engineer of the Guggenheim family out of New York. While staying in Los Angeles in 1908, Malcolm was noted as the President of the Nevada First National Bank at Tonopah,

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Malcolm owned a large automobile in 1908 with the purpose of touring investors around the mining properties, using roads he had built. Malcolm also developed telephone and telegraph systems throughout Southern Nevada. The Montgomery-Shoshone Mine was noted as producing \$50,000 of ore per month. Goldfield grew from nothing to 20,000 residents during the decade beginning in 1900. Tonopah grew to 50,000 residents in the same time. Today Goldfield has about 200 residents and Tonopah about 2500. Labor unrest also became a problem at this time, with federal troops called in. The 1910 census noted him as a divorced mining engineer in San Francisco in 1910. Malcolm died of heart disease very suddenly at the Waldorf Astoria in New York late in 1911 at age 46. His body was shipped back to Butte.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Major, Daniel G.	Special Instructions from GLO (with John J. Major as Assistant Astronomer)	1867	Astr USS USDS				No Marker	1832-1889	<p>Born in Ireland, the son of a printer and lithographer, Daniel came to New York with uncle and his family in 1834. He attended Holy Cross, as did his brother, graduating as an astronomer, and received his Masters at Georgetown in 1859. He was taking observations at the U. S. Naval Observatory at Washington, D. C. with Professor James Major in 1851-52. James was his uncle, and had served as a Navy Professor of Mathematics at sea for 8 years before being assigned to the Naval Observatory in 1846. James served until 1860 when he resigned to become a Jesuit Priest, and taught at Boston College and Holy Cross. Daniel was the astronomer for the surveyors, Jones and Brown, on the 1858 survey of the 98th Meridian, the Western boundary of the Chickasaw Nation. They were threatened by Comanches, but finished anyway.</p>
									<p>Daniel postponed the astronomy for the beginning point of the 100th Meridian between Texas and Oklahoma until the next year, however. The monument he created on the Red River in 1859 was determined to be 3700 feet West of the true 100th Meridian by survey in 1902. He was a Naval Officer from 1861-1863, living in Washington, D. C. with 2 aunts and two sisters, occupying the position of Acting Master at the Observatory.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Congress appropriated \$4500 for the survey of the 46th Parallel, the Oregon and Washington Border, in 1860, but the amount was too small. No one would survey it until Daniel accepted in May 1863, with 6 adjacent fractional township surveys thrown in for extra money. They were all adjacent to the State Line, and much of the time they worked under Army security. His brother, John, was with him the whole Contract, in charge of monumenting the line, and Frederick Hesse of the Naval Observatory was an Assistant Astronomer.</p>
									<p>His notes of the townships were reviewed in 1865, and many corrections were requested. When out West and not surveying, he lived in Alameda or San Francisco. In October, 1867, Daniel was awarded the State Line Surveys of Oregon/Idaho and Oregon/California by the Commissioner in Washington, D. C. The OR/ID Border began at the intersection of the Owyhee River and the Snake River, and ran due South to the 42nd Parallel. He finished by June of 1868, and was in San Francisco when he finished his notes.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He began the OR/CA survey in 1868 by astronomically determining the intersection of the 42nd Parallel and the 120th Meridian without the aid of accurate time. The monument he set was 2.4 miles West of the one set by Ives and Houghton in 1863, and he did not note that monument's existence or location in his survey. A subsequent survey by Von Schmidt set a new point 3.3 miles East of Major's corner, and that stood the test of time, a resurvey by USCGS in 1892, and a lawsuit in the 1970's.</p>
									<p>His survey of the OR/CA Border, West to the Pacific Ocean, from 1868-69 varied 500-600 feet North and South of the 42nd Parallel. According to Bud Uzes, Daniel only took three sextant readings for latitude on the way to the Pacific Ocean. He surveyed the South boundary of Idaho and Oregon with brother John, from Utah to California in 1871-73, setting a monument that ended up 3700 feet East of the Southeast corner of Idaho, even though he had accurate time. He ended his survey in 1873 at the NE corner of California and closed on both his original monument and also that of Von Schmidt, finishing 260 feet North.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Daniel, John J. and their father, John, were all in San Francisco from 1875-78, with Daniel and John as surveyors, and their father, John, as a paper hanger. Daniel and John J. were living with their aunts in Washington, D. C. in 1880. He surveyed the Ute Reservation in Colorado, and subdivided it into allotments in 1880-81. He was a GLO Surveyor in Utah in 1882.</p>
									<p>Daniel determined the MT/ND boundary in 1885, beginning by making astronomical observations using telegraph signals near the NPRR location on the Missouri River, in cooperation with the Washburn University Observatory at Madison, Wisconsin. He and his brother, John, surveyed North and South from that position in 1885, reaching the Canadian Border in December, 1885. His line is 500-1000 feet West of the statutory meridian. His notes indicate he was plagued by clouds, unstable setups, and passing trains. He took observations on 18 days in August and September, 1885. Daniel, John and Aunt Mabel were living in Washington, D. C. in 1886. Mabel died in 1890 in D. C., and Daniel and John both died in New York in 1889. It appears that neither Daniel, John or the two aunts ever married.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Major, John J.	Mineral Survey	1886	Astr Comp				No Marker		<p>John was born in New York, the son of a lithographer, and ten years younger than his brother Daniel. Both Daniel and John graduated from Georgetown in surveying and astronomy, Daniel in 1859 and John in 1864. John was appointed Clerk to the Northwest Boundary Commission in 1857, serving until 1864 while they surveyed the North lines of Washington, Idaho and Montana.. His duties were mainly computations and assistant astronomical functions.. He surveyed the following boundaries: after this assignment: 1864, Washington and Oregon as assistant to Daniel; 1868-69, Northern boundary of California as assistant to Daniel; 1871, Utah and Idaho, as assistant to Daniel; 1872, West boundary of</p> <p>Daniel, John J. and their father, John, were all in San Francisco from 1875-78, with Daniel and John as surveyors, and their father, John, as a lithographer. Daniel and John J. were living with their aunts in Washington, D. C. in 1880. Daniel, John and Aunt Mabel were living in Washington, D. C. in 1886. Mabel died in 1890 in D. C., and Daniel and John both died in the Spring of 1889 in New York, but all are buried in Holy Rood Cemetery, Washington, D. C., with Daniel and John having unmarked graves. It appears that neither Daniel, John or the two aunts ever married. John was slightly less than 5' 7" tall. This is the maintained version of this information.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Mandell, Frank Chittenden	Contract 120	1889	Fusion USDS USDMS		Short one in obituary		photo		ID PLS 38. AIME. Born in Michigan the son of a lawyer in Detroit, Frank attended the University of Michigan and graduated in 1881. He was in Ada County, Idaho by 1883 when he began surveying Mineral Surveys as a U. S. Deputy Mineral Surveyor. He continued through that for 195 Mineral Surveys and two Contacts in Idaho by 1906, mostly in Blaine and Elmore Counties. Frank married Martha "Mattie" Johnson in Ada County in 1889, and they had four children.
									Frank was named the first Blaine County Surveyor in 1895 when the County was formed. He lived in Hailey, Idaho in 1891, and continued there until he died in 1906 at age 47 of sudden onset pneumonia. Frank served one term in the Idaho Legislature in 1901. Martha moved to Salt Lake City in 1911 where she taught school, eventually becoming principal of the Ensign School.
Manley, Frank A.	Mineral Surveys	1903	USDMS	yes from Find a Grave	Yes, from Coal Age magazine.	Buried in Evanston City Cemetery, Evanston, Wyoming	photo	1867-1940	ID PLS 9. Born in La Rue, Ohio, the son of a druggist, Frank moved with his family to Nebraska as a child. He attended the public schools there and graduated from the University of Nebraska in Civil Engineering in 1889. After school he worked a minor position at Burlington Road before accepting a job at Union Pacific Coal Co. at Rock Springs, Wyoming. At that time they were expanding on several fronts.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Frank became Chief Engineer of Union Pacific Coal Co. and supervised a transition to electricity for power supply. He moved to Kemerer Coal Co. in Kemerer, Wyoming in 1897 until 1889 when he returned to Union Pacific as Chief Engineer. At this time he married Wood Belle "Woodie" Hocker in Evanston, Wyoming. He felt constrained by the corporate world and hung out his shingle as a mining engineer in Boise, Idaho in 1903. He surveyed some irrigation canals and mining ditches along with two Mineral Surveys in 1903 before returning to Union Pacific Coal Co.
									Frank became General Superintendent of Superior Coal Co. at Rock Springs in 1906 before transitioning to a combined job as General Manager of a combined company with Union Pacific in 1909, and two years later took over as vice president. He was in the Omaha office in 1910. Frank stayed there until 1919 when he joined the O'Gara Coal Company of Chicago. He ended with the Philadelphia and Reading Coal and Iron company in Pottsville, Pennsylvania where he died in 1837.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Manning, William Morley	Mineral Surveys	1908	USDMS		See Jerry Olson, from web, Go to: http://http://www.historylink.org/index.cfm?DisplayPage=output.cfm&file_id=9403	Buried in the Forestvale Cemetery, Helena, MT, Glenwood 14.	See Jerry Olson	1877-1945	Born in Ontario, Canada, William was attending the Mining Engineering program at the University of Toronto in 1898. His father had died when he was 2, and in 1881 he was living with his maternal grandfather. He came to the USA in 1900, was naturalized in 1906, and was an assayer/mining engineer for mining interests in Rossburg, WA from 1900-1902. By 1905 he had started acquiring Indian artifacts, partly through his friendship with Chief Joseph. He was deputy county engineer in 1905, and then Pend Oreille County Engineer 1907-1910. He immediately sued the County Commissioners for their failure to provide him a transit, and he prevailed all the way through the Washington Supreme Court. From 1907-1915, William surveyed 32 Mining Claims in Northeastern Washington and one in Idaho.
Marcellus, Jonta Boen	Contract 265 (with Darwin A. Utter)	1905	USDS			Haviland Cemetery, Haviland, Kansas	photo	1878-1947	Jonta was born in Kansas and attended college for 4 years. He was in Idaho by 1905 when he received Joint Contract 265 with Darwin Utter for 12 townships in various locations in very Western Idaho. Jonta received Special Instructions on his own also in 1905 for one township West of Boise. He married Myrtle Pearl Pyle in 1900 in Kansas, but was back in Boise in 1910, where he was Assistant City Engineer for Boise. He was an engineer in Kansas in 1940 and died in Los Angeles. Lived in Hailey, Idaho in 1900?

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Marsh, John Mason	Mineral Surveys	1884	USDMS					1849-1885	<p>Born in Indiana, John served in the Indiana Light Artillery in the War as a teenager. He married Laura V, Herrick in Helena in 1874, and they had two children. He was a Clerk and Draftsman in the Montana Surveyor General's Office in 1875-77 where his brother, George F. Marsh, was the Chief Clerk, and he was in Butte, Montana in 1880 as a surveyor. Laura died in 1883 at age 25 in Helena of sudden spasms, leaving two young children. John was elected County Surveyor at Fort Benton about this time.</p>
									<p>John surveyed seven Mineral Surveys near Kellogg in Shoshone County, Idaho in 1884-85, but died there in 1885 at age 36 of a brain seizure. His parents took charge of his two children. His father was Norwich University Professor, Benjamin F. Marsh, a Congressman from Illinois, and a U. S. Deputy Surveyor, doing some of the first surveys in Montana Territory in 1867.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Marston, Albert J.	Clerk	1895	Dr/Clerk						Born in Ohio, Albert married Anna Hamilton in Wisconsin in 1861. He lived in Boise from at least 1870-1918 when his wife, Anna, died. He was always a blacksmith and/or a gunsmith, and was the Messenger in the Surveyor General's Office of Joseph Straughn in 1895-97. Albert was dismissed when Joseph Perrault took over as Surveyor General in late 1897, because Albert was a Democrat, not a Republican. He was under Civil Service, and some of those employees in the same boat sued and received compensation a few years later. He was a widower and a merchant in the umbrella market in San Diego in 1920 and died there that year.
Martin, Henry Bascom	Special Instructions	1887	Dem SES	See Jerry Olson	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/martinhensrybbio.pdf		Photo		Born in Indiana, Henry was raised on the family farm until 18 years old. He attended the Cloverdale Seminary for awhile, and self-educated himself in Latin, Greek, higher mathematics and surveying. He surveyed for railroads until 1854, when he went to Iowa, where his family had moved, still working as a surveyor. While in Iowa in 1857-59, he served as a Captain in the Indian wars. Returning to Cloverdale, he married Sidney Victoria Ellen Hart there in 1858.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He enlisted in the army and was mustered in as a private, but was soon commissioned as a Second Lt. His first battle was Barbersville, where he was shot through the thigh, but returned a year later. He served in many campaigns until Chickamanga, where now a Captain, he was shot in the wrist and was disabled again. Henry returned and fought with Sherman on his march.
									He returned to Cloverdale, where he was a farmer, lawyer, and surveyor. He eventually moved to Greencastle to educate his children. In 1871, he was elected to the Indiana Legislature. Henry was appointed a Special Examiner of Surveys in 1885 for Oregon, Washington, Idaho, and New Mexico, by the recently elected Grover Cleveland Administration, and continued at that until 1889 when the Democrats were defeated. There are records of 16 Contracts in Oregon and 13 Contracts in Washington being examined by him, including 3 Benson Syndicate surveys, of David P. Thayer, Harry A. Clarke and James L. Mann, two of which he called "palpably fraudulent".

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									In partnership with his son, in 1892 he founded a newspaper, the Greencastle Democrat, and in 1893-95 he received a request by the second Grover Cleveland Administration to do examination surveys on members of the Benson Syndicate in California. One of those was of 8 townships in Death Valley of Benson surveyor J. W. Fitzpatrick in 1893. Soon after his son died, he sold the Democrat in 1897, and went to San Bernardino, CA, to help his children start a newspaper. His whole family but one was there in 1900, and after four years, he retired to his large farm in Indiana. Most of his surviving children ended up in California, but Henry and his wife, Ellen, died in Cloverdale. (biography) This is the maintained version of this information.
Maughmer, Carl	Mineral Surveys	1905	USDMS	yes, from yearbook	yes, from obituary	Died in Sacramento, California, buried in Sacramento Masonic Lawn Cemetery	photo Gps of gravestone from Billion Graves: 38°3'36.6" 121°30'07.4" ± 15 ft.	1872-1966	ID PLS 26. Born in Missouri, Carl graduated from the University of Missoni in about 1897. He was a civil engineer in Great Falls, Montana, probably for UPRR, in 1900 and moved to Idaho by 1905. He married school teacher Clara E. McDougal in either Montana or Idaho in 1905, and they had at least one child.
									Carl was an engineer for UPRR in Idaho and surveyed five Mining Claims south of Boise in 1905, using only one chainman as a crew. He was an engineer for SPRR in Sacramento by 1910 and worked at that in Sacramento for 40 years, retiring in 1947. Clara died in 1963, and Carl died in Sacramento in 1966 at age 93.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Maxwell, Frank Dillin	Contract 241 (with Albinus N. Kimmell)	1903	USDS HES Comp			Died in Idaho, buried in Cloverdale Memorial Park, Boise, Idaho	photo Gps of gravesite from Billion Graves by Jerry Olson: 43°37'07"7 116°19'56.8 ± 10 ft.	1874-1945	ID PLS 132. Frank was born in Iowa, the son of a farmer, and was on the farm in 1885 with his family and widowed mother. By 1900 he was a recent arrival and a hired hand at a dairy farm in Boise, Idaho. He was a U. S. Deputy Surveyor and received a Joint Contract with A. N. Kimmel for eight townships in North Idaho near Harrison in 1903, another Contract in Idaho in 1906 on his own, and a large Contract in Montana in 1907.
									He had moved to Weiser, Idaho by 1907 and continued there until 1910, operating Weiser Engineering Company. He was one of two Deputy Surveyors surveying about 500,000 acres of irrigation land between Twin Falls and Bruneau, Idaho in 1908. His Contract was a Joint Contract with Walter Talboy. He was a U. S. Deputy Mineral Surveyor and surveyed one Mining Claim in Baker County, Oregon in 1908. Frank married Ann Ruth "Ruth" Pence in Boise in 1909, and they had a daughter in 1910 and a son in 1914. He was selling subdivision lots in Boise on a dozen occasions from 1905-1910.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He received a Contract in Idaho for one township Southeast of Boise in 1909, another for one township in Seven Devils Country, another in 1910, and surveyed two Homestead Entry Surveys in 1909-1910.. Frank was listed as a civil engineer in general practice in Boise in 1910. He signed on as a transitman in the Direct System in 1911 out of Boise, and was a U. S. Surveyor in 1914. He was a surveyor for the Forest Service in 1918, and a Cadastral Engineer for the General Land Office in 1920 and 1930. Frank surveyed 85 more Homestead Entry Surveys between 1911 and 1920 either under the Direct System or for the U. S. Forest Service.
									Frank retired in 1936 and ran for Ada County Surveyor as a Democrat in 1938 and 1940 and lost by a small margin both times. He ran again in 1942 and 1944 against a different candidate and lost by a larger margin. He purchased a farm in 1936 10 miles West of Eagle, and farmed there until he died in 1945.
McArthur, Joseph Wilbur	Contract 272 (with Robert F. Omeg)	1906	USDS	yes		Buried in Lane Memorial Park, Eugene, Oregon	photo	1876-1950	Born in Ohio, the son of a farmer, Joseph was listed as a student at age 24 in Chevauchee, Washington in 1900. He graduated from the University of Oregon in 1906 and was a member of the engineering club, among many other things. He was awarded a Contract in Idaho in 1906 with Robert Omeg for 22 townships in the mountains North of Boise.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Joseph married Eva J. Taylor in December, 1906, a school teacher in Reed, Oregon. For most of the rest of his career, he was an employee of the Eugene Public Works Dept., and in 1930, he was the Water Works Superintendent. There were several J. W. McArthur candidates, but his signature on his draft registration matches those on the oaths.
McCardell, Peter	Mineral Survey	1898	USDMS						Peter was born in New York, the son of a farmer, and lived in Colorado in 1870 as a carpenter. He lived in Prescott, Arizona in 1876, but lived in Idaho from 1897-98 when he was Lemhi County Surveyor. He lost the election in 1898 to J. W. Birdseye. He ran an engineering company with a Mr. Rasor until 1898, when Rasor joined the War. Peter served as a U. S. Deputy Mineral Surveyor in Idaho from 1898-1902 for 17 Mineral Surveys of 61 Mining Claims, mostly in Lemhi County, while living in Salmon City.
									By 1903, he was back in Yavapai County, Arizona as a Deputy Mineral Surveyor. That lasted until 1918 at age 70, when he put his house up for sale, and announced he was moving to Wyoming to go into the oil business. That is the last heard of him so far. There is no mention of him having married.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
McConnell, Fredrick Homer	Special Instructions	1907	Rep USDS	yes	yes from relative on internet		photo		ID PLS 97. Born in Idaho, Fred graduated from the University of Idaho in 1902 in Civil Engineering. He worked as a Clerk for Canyon County, Idaho for two years before joining the Reclamation Service. In 1905 he became the City Engineer of Caldwell, Idaho until 1910. Fred married Ellen Lavinia Harmon in 1907 and soon there after received a Contract by Special Instructions for the Survey of Bridge Island in the Snake River.
									Fred was elected County Surveyor of Canyon County in 1908 and in 1910 entered private practice of his professions of engineering and surveying, still holding public office. Fred was a member of the Caldwell City Council for several years, and Mayor from 1929-31. Fred was a civil engineer for the City of Caldwell just three years before he died.
									"As an engineer, he laid out the towns of Rupert and Minidoka, supervised construction of water systems at Shoshone and Parma, the sewer system at Glens Ferry, and construction of the market road from Challis to MacKay. He was the first watermaster of the Boise River Irrigation District, and held a similar post on the Raft River. He made the preliminary survey of the Idaho-Oregon-Nevada cut off road." (from obituary)

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
McComb, W.	Contract 137 (as compassman for David M. White and W. Clayton Miller for portions)	1894	Comp						W. McComb was listed as a chainman for the survey of the First Standard Parallel South on Contract 137 of David M. White and W. Clayton Miller in Idaho. He was named the compassman for that survey by both Examiners of that survey, who also noted that neither White or Miller were on the job. With such little information, no one can be identified yet for W. McComb.
McConnell, Fredrick Homer	Special Instructions	1907	Rep USDS	yes	yes from relative on internet		photo		ID PLS 97. Born in Idaho, Fred graduated from the University of Idaho in 1902 in Civil Engineering. He worked as a Clerk for Canyon County, Idaho for two years before joining the Reclamation Service. In 1905 he became the City Engineer of Caldwell, Idaho until 1910. Fred married Ellen Lavinia Harmon in 1907 and soon there after received a Contract by Special Instructions for the Survey of Bridge Island in the Snake River.
									Fred was elected County Surveyor of Canyon County in 1908 and in 1910 entered private practice of his professions of engineering and surveying, still holding public office. Fred was a member of the Caldwell City Council for several years, and Mayor from 1929-31. Fred was a civil engineer for the City of Caldwell just three years before he died.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									"As an engineer, he laid out the towns of Rupert and Minidoka, supervised construction of water systems at Shoshone and Parma, the sewer system at Glens Ferry, and construction of the market road from Challis to MacKay. He was the first watermaster of the Boise River Irrigation District, and held a similar post on the Raft River. He made the preliminary survey of the Idaho-Oregon-Nevada cut off road." (from obituary)
McCoy, John L.	Contract 84	1880	USDS	yes	yes, from book		Photo No Marker, marked only with a plain small concrete slab with no inscription. Gps of marker by Shyla Strain: 43°39'31.7" 108°13'00.7" ±7 ft.		John L. McCoy was actually a real person, working as an employee of John Benson of the Benson Syndicate. He did officially have \$26k worth of Contracts in California, but it is unknown if he was really the surveyor on the Contracts that bore his name. He received Contract 292 in Washington in 1883 for 9 townships in a block East of Entiat, Washington comprising most of the Entiat Valley. The work had a bond only, and was cancelled before a Contract was written.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>The exteriors of those townships were listed in Contract 291 in the name of Charles Holcomb, a Benson surveyor, and the subdivisions were in the name of George Gardiner in Contract 293, another Benson surveyor. J. R. Glover and George Perrin, the partners of John A. Benson were the notaries for the field crew in different Contracts in Idaho. They also held contemporary Contracts. He received final approval of Contract 110 in Idaho as late as March, 1886, as did Perrin and Glover.</p>
									<p>John was in Wyoming in the fall of 1884, surveying for five weeks on a Contract he had not yet received, but obviously had been guaranteed. This was between the 9th and 10th Standards North and the 11th and 12th Guides West. He set only a fraction of the corners on the ground. The County Surveyor wrote a letter to the Commissioner complaining about this fraud. There was a February, 1886 directive to Wyoming to suspend McCoy's surveys and to debarr him from future work. At least some of his suspended Idaho work was filed in the record in 1896, after the Benson Syndicate reached a compromise with the GLO. They were allowed to correct the work (which they never did), and were paid for the suspended Contracts.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>The signature on the oaths for his Contracts in Idaho do not match his signature in his biography. McCoy was a United States Commissioner in Nevada, along with J. R. Glover, in 1884. He purchased a cattle ranch in 1884 at Embar, on Owl Creek, near Thermopolis, Wyoming, and raised Hereford and Galloway Cattle. He had surveyed a Contract nearby. John was the largest property owner in Thermopolis, including the Keystone Hotel, the Ives Building which is on the Historic Register, and the Opera House. He held a large block of stock in the First National Bank of Thermopolis.</p>
									<p>In 1900 he was living with his younger brother on his property, the Keystone Ranch. A biography of him was published in 1903 in Wyoming. His ranch was for sale in the newspaper from July-November of 1904, for reasons of poor health. He died in October, and the Thermopolis newspaper was talking about the settling of his estate in June, 1905. His common-law-wife sued for his estate, and according to a Western forum, she prevailed. (biography)</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
McCoy, Marion Poe	Special Instructions	1904	SES	see Jerry Olson	By Jerry Olson, Go To: http://www.onengr.com/download/globios/mccoymarionp/bio.pdf	Died in Haralson County, Georgia, as did his wife Frances. Buried in Hollywood Cemetery, Tallapoosa, Georgia, with his wife.	See Jerry Olson Gps of gravestone by Andy Benefield: 33°44'47.8" 85°17'44.2"	1860-1944	WA PLS 1365. Marion was born and raised in Ohio, and at 20 years of age he was still working on his father's farm in Van Wert County. He completed 4 years of college, and in 1885 he was a deputy county surveyor in Iowa. He returned to Van Wert County and was elected County Surveyor from 1885-88. By 1890 Marion lived in Watonga, OK, being elected as a director of a church. He married Frances Teubner in 1890 in Ohio, filed a Homestead within the city limits of present Watonga, and eventually patented it in 1894. Marion surveyed about 200 townships in Oklahoma from 1895-1898, mostly as a U. S. Surveyor for the USGS. He was elected as a Representative in the Third Oklahoma Territorial Legislature in 1895 from Blaine County, serving on several committees. He was in the Dakotas surveying for the USGS in 1898 on Forest Reserves. McCoy was appointed a Special Examiner of Surveys out of Washington, D. C. in 1899 for several Western states, continuing at that for the next ten years, examining 5 surveys in Oregon and 209 surveys in Washington alone. His work in Oregon on the exams of Contract 747 of George Waggoner and of Contract 748 of Klaetsch and Minton were suspicious. He also performed small original surveys as a

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>While assigned to Seattle he also had the title of Special Disbursing Agent, which allowed him to make out checks from the Federal Treasury, including his own. It was too tempting, and he was caught making out false expense checks to fake vendors, and cashing the checks himself, beginning in 1907. He also started paying himself for work he did not perform such as examinations in Montana. The amount is unknown, but later an amount of \$15,000 was said to be a small part of it. The newspapers said he spent the money on "wild speculation". Federal Investigators caught him in 1909, and he was convicted of embezzlement and sentenced to three years at McNeil Island Federal Penitentiary, beginning September 1909, and ending when paroled in March of 1911. He performed examinations until 1909, but the official record stops at 1908.</p>
									<p>In 1920 he was a civil engineer for the State Highway Department in Spokane, and District Engineer in Brewster in 1925. He then was elected Okanogan County Engineer from 1926-1937. In 1937 at age 77, a newspaper article talked of him supervising the running of level lines in Okanogan County for the future irrigation from Grand Coulee Dam. He and his wife were still in Okanogan in 1940, but he died in Georgia in 1944. His only son was a college graduate and a chemical engineer for a petroleum plant in New Jersey in 1940. This is the maintained version of this information.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
McCracken, Robert McDowell	Clerk	1897	Rep Dr/Clerk	yes	yes, short one from obituary	Died in an auto Accident in 1934 in Gem County, Idaho, buried in Crow Foot Cemetery, Blackfoot, Idaho	photo	1874-1934	Born in Indiana, Robert taught school in Blackfoot, Idaho and then was a Clerk in the Surveyor General's Office of Joseph Perrault from at least 1897-1902. He studied law, was admitted to the bar in 1902 and practiced law in Blackfoot. Robert became Prosecuting Attorney of Bingham county 1904-06 before being elected to the State Legislature in 1908-10 and the U. S. Congress in 1915-17.
									Robert was defeated as an incumbent and returned to his law practice. Robert received a commission as a Captain in WW1 and was a lawyer in 1920 in Boise. He died in a tragic auto accident in 1934 near Emmitt, Idaho while campaigning for a return to Congress.
McCullough, Ernest	Mineral Surveys	1899	USDMS USDS	yes	yes from obituary	Buried in Cypress Hills National Cemetery, Brooklyn, New York, Plot OS 238		1866-1931	Born in New York, Ernest graduated from the Van Der Naillen School of Engineering in San Francisco in 1887. He married Elizabeth Townsend Seymour in San Francisco in 1891, with whom he had three children. He was bonded as a Deputy Mineral Surveyor in 1899, lived in Lewiston, Idaho in 1900, Chicago in 1910, and served in the First World War. Elizabeth died in 1919, and he remarried to Mlle. Therse Claquin at Tours, France. He had an engineering practice at Syracuse, and was an architect in Illinois and a registered engineer in New Jersey.
McDonald, S.	Special Instructions (as compassman for Daniel G.; Major	1871	Comp						No S. McDonald shows up in the 1870 census in Idaho or Utah. There is not enough information to search further at this point.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
McDowell, Robert Morris "Major"	Mineral Surveys	1879	USDMS	yes	yes, from "New York State Men"	Buried in Woodlawn Cemetery, Elmira, New York	photo	1833-1909	<p>Born in New York the son of a farmer, Robert graduated from Oxford seminary in civil engineering and attended Cornell Law School, but was a farmer in Elmira, New York in 1860. He enlisted in the Civil War in 1862, rising up to the rank of Major, and served as an officer on the staff of General Sherman at the end of the War.</p> <p>Robert kept a diary and noted how upset he was with the pillaging by Sherman's forces. Robert had married Arlina C. Buck in Maine in 1860 and was an engraver in Elmira in 1870 with a son. By 1878, he was in Idaho as a mining engineer and was appointed U. S. Deputy Surveyor in Idaho soon thereafter. There are no mineral surveys by Robert on file in Idaho. Robert left Idaho for Nevada and California before returning East in 1878, but was back as a civil engineer in Boise in 1880 to take over running the Elmira Silver Mining Company. He took workers back to Idaho and visited other mining operations along the way. From 1883-1904 Robert was vice president of the Gould Coal company in Missouri and created the coal system of the Missouri Pacific RR. Arlina died in 1894 and Robert returned to Elmira in 1905 and died there in 1909.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
McFarland, Morris	Mineral Surveys	1881	USDMS USDS			Buried in Mount Zion Cemetery and Mausoleum, North Coventry Township, Pennsylvania	photo	1853-1931	Born in Pennsylvania, Morris was in Browns Park, Utah by 1880 and Bellevue and Hailey, Idaho by 1881 to begin Mineral Surveys. He completed about 40 Claims and continued until 1884. Morris took up a Mining Claim 1883 in Wood River and proved up on it in 1883. His mother died in 1884, and his father had moved to Idaho by 1892. Morris married Sarah Neale, a British immigrant, in Boise in 1895, noting that he lived in Owyhee County, and they eventually had three children. Morris proved up on a timber claim in 1893 in 3N.R.6W.
									Morris visited his father in Pennsylvania in 1899 and he moved to Pennsylvania by 1900 when his father died. He probably took over the family farm, and Morris and Sara lived there until Morris died in 1931, being noted all the time as a farmer His death certificate noted he died of a heart attack
McGregor, Reuben	Mineral Surveys	1910	USDS HES		Yes, from obituary, Go To: http://www.ols.onengr.com/download/globios/mcgregorreubenbio.pdf	Elk City Cemetery, Elk City, Idaho	No Marker. The cemetery has very few marks and no records	1875-1952	ID PLS 24. Born in Windom, Minnesota, Reuben came West after graduating from the University of Minnesota School of Mines. From 1898-1908, he surveyed gold mines in the Hump area of North Central Idaho, although never filing a Mineral Survey, and in 1910, he surveyed Homestead Entry Surveys in the same general area. Reuben continued living there in Elk City as a mining engineer, and died in Elk City of cancer in 1952. He was never married. (biography)

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
McIntyre, Horace Lacy	Mineral Surveys	1899	USDMS	see Jerry Olson		Died in Pioche, Nevada, buried in Pioche, Nevada		1867-1914	<p>Born and raised in Colorado of Canadian parents, Horace was living with his large family in 1870, with his father shown as a prosperous lumberman. He was living with an aunt and uncle in 1880 in Douglas County, CO, and also with his mother in Denver. His much older brother, John D. McIntyre, went to Montana from 1882-1890, and engineered and developed several large irrigation projects.</p> <p>By 1889, Horace was a civil engineer in Helena, MT, working there until 1897. Horace received Special Instructions from the Surveyor General of Montana in 1891 to survey an island. He married Mary Alice Searles in Chouteau, Montana in 1894, and in that same year was listed as the Irrigation Supervisor for the Blackfoot Indian Reservation. He had engineered, and constructed, with Indian labor, a system of ditches to irrigate portions of the Reservation. In 1899 Horace came to Spokane, and worked as a mining and civil engineer until at least 1910. While there, he and his brother Charles created an official map of Spokane. Also while there, Horace surveyed 70 Mineral Surveys in Idaho County, containing 101 Claims. He surveyed 9 Mining Claims from 1902-05 near Nespelem, Fruitland and Inchelium in Washington.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Nevada listed him as an officer of a corporation doing business in that State in 1910, and he was noted as the creator of a map of a water right on Cottonwood Creek in Nevada in 1913. He was living in Eagleville, Nevada when he shot and killed himself in 1914 at Pioche, Nevada, leaving a wife and 3 teenage children. He was promoting a colonization project nearby. His wife remarried in 1920. Horace in buried in Ploche, Nevada.
McNutt, William Caperton	Mineral Surveys	1901	Dem USDMS			Died in Lewiston, Idaho, buried in Normal Hill Cemetery, Lewiston, Idaho		1862-1944	Member AIME. Born 1863 in Virginia, William was an orphan by 1864, was raised by his grand parents, and attended a Normal School in Pennsylvania. He worked for several Railroads before he lived in Grangeville, Idaho in 1901. William opened an engineering office in Grangeville in 1902 and worked as a mining engineer in Idaho from a least 1900-1944 when he died in Lewiston. He was Idaho County Surveyor in 1902. It appears he never married.
McQuinn, John Anderson	Contract 103	1884	Dem Comp USDS USDMS	see Jerry Olson		Died in Portland, OR, buried in Riverview Cemetery, Portland, OR.	Photo GPS of Gravestone by Jerry Olson: 45°27'53.4" 122°10'19.6" ±15 ft.	1855-1928	John was born and raised on Sauvie Island, Multnomah County, Oregon. He graduated from the University of Oregon in 1879, and in 1881 married another classmate, Nancy Caroline Cornelius. By 1881 he was a Deputy Surveyor in Oregon at Bridal Veil, and also the Multnomah County Surveyor. He received Oregon Contract 466 for at least 4 townships near Glide, and surveyed them between April and June 29, 1883 with George Collier as compassman.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>There were errors and distortions of over 1300 feet in his work, as disclosed by subsequent surveys. Benson Surveyor James K. Hull, probably fictitious, listed John as the compassman for all 7 townships under WA Contract 290 in 1883, Northeast of the Spokane Indian Reservation. It is John's signature on the oaths. Either he did the work, or he signed several pages of blank oaths to be later filled in by the Syndicate. There were gross distortions of over one half mile in the East Boundary of the Reservation that were corrected in a later survey. He began this survey one week after finishing the previous one in Oregon, and continued into December. This association with the Benson Syndicate and the gross distortion in Oregon Contract 460 place a dark cloud on his legacy.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>The year 1884 brought him Contract 103 in Idaho for 8 townships 100 miles East of Boise. It was finished by the end of the year, but he was still in Boise in 1885. He was not paid until 1888 because the Surveyor General lost the oaths, and the Commissioner would not accept the survey without them. The oaths in the field notes are not original signatures, so he must have prevailed. John is most known for the "McQuinn Line", the result of an 1886-89 Oregon GLO Resurvey of the West and North boundaries of the Warm Springs Reservation. In the middle of this survey, he received a Joint Contract with Frank Campbell to survey the townships adjacent to the North boundary. The new line added about 80,000 acres to the Reservation from the previous survey.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									It was not settled until 1972, with the basic result of affirming McQuinn's line, and deeding most of the area to the Warm Springs Indians. There is no record of any of his work being examined up to this point, but this work was examined by Henry Martin and Alonzo Gesner. He continued to receive small Oregon Contracts from 1891-96, and all were examined. John maintained a survey practice in Portland until 1928 when he died, forming partnerships along the way with Tom Hurlburt in 1887, Herman Gradon in 1889, Eugene Schiller and Robert Bonser in 1897, C. G. Powers in 1928, and others. He had 3 children, with one son dying as a child. He was separated from his wife by 1892, and ultimately divorced. She worked as a teacher until at least 1930, and never remarried.
Meldrum, James Henry, Jr. "Henry"	Contract 26	1871	Rep USDS	See Jerry Olson		Buried in Mountain View Cemetery, Oregon City, Oregon	Photo, Gps of tombstone by Jerry Olson: 45°25'35.11" 122°35'21.91" ± 10 ft.	1852-1928	Henry was born in Pacific County, Washington, where his family had a Donation Claim. He was the brother of John W. Meldrum, the father of Don Meldrum, the brother-in-law of David P. Thompson, and the uncle of Rufus Moore and Malcomb McCown. At age 17 he was a chainman for his brother John and John McClung in 1869 near Bend, and was the compassman on one township. He attended Pacific University and went on to survey 20 Contracts involving 129 townships over a 30 year period.

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									<p>Henry was a chainman for both Samuel Campbell and Isaac Collard in Idaho in 1871. He received his first Contract on his own in Oregon in 1872 for two townships East of Sandy and five townships West of McMinnville. He surveyed T1S R6E East of Sandy in 1872, but made errors and had to redo the subdivisions in 1873 with a different crew, which included future Deputy Surveyor and nephew, Rufus S. Moore. The other townships West of McMinnville were surveyed in 1873 with Charles S. Moore, Rufus' brother, as a chainman. Henry's brother John Meldrum surveyed the exteriors as a compassman. Henry surveyed five townships on the Coast Indian Reservation as compassman for his brother, John, in 1872.</p>
									<p>Henry married Eugenia "Jennie" LaForest in Oregon City in 1874. He received Contract 205 for six townships just West of Ontario in 1874 and Contract 226 for six townships at Ironside in Malheur County in 1875, again using teenage Rufus Moore as a chainman for both. Henry and Rufus were awarded a Joint Contract for 24 townships East of Malheur Lake in 1876 that were all surveyed by Henry in 1877. This was the first Contract for Rufus, who had just graduated from Willamette University.</p>

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Meldrum, James Henry, Jr. "Henry"	Contract 26	1871	Rep USDS	See Jerry Olson		Buried in Mountain View Cemetery, Oregon City, Oregon	Photo, Gps of tombstone by Jerry Olson: 45°25'35.11" 122°35'21.91" " ± 10 ft.	1852-1928	Henry was born in Pacific County, Washington, where his family had a Donation Claim. He was the brother of John W. Meldrum, the father of Don Meldrum, the brother-in-law of David P. Thompson, and the uncle of Rufus Moore and Malcomb McCown. At age 17 he was a chainman for his brother John and John McClung in 1869 near Bend, and was the compassman on one township. He attended Pacific University and went on to survey 20 Contracts involving 129 townships over a 30 year period.

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Meldrum, John William	unkn	unkn	SES	yes	See Jerry Olson: from Portraits and Biographies of Western Oregon, 1904.	Buried in Mountain View Cemetery, Oregon City, Oregon	Photo Gps of gravestone by Jerry Olson: 45°20'35.8" 122°35'13.8" ± 7 ft.	1839-1919	John was born in Iowa, and crossed the Oregon Trail with his family in 1845 to Oregon City. His father filed a Claim at Ilwaco, Washington, but returned to Oregon City in 1856. John was the brother of Henry Meldrum, the brother-in-law of David P. Thompson, and the uncle of Rufus Moore and Malcom McCown. John taught school, read law, and worked a little at mining. After returning to Oregon City in 1857, he taught school and read law for two years, before spending four years in the mines at Florence.

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									<p>He began surveying in 1865 as a chainman for David Thompson, and spent the next 20 years mostly as a Deputy Surveyor in Oregon and Idaho. He received his first Contract in 1866, a Joint Contract with brother-in-law, David Thompson, and former Surveyor General, Bynon Pengra. John and Thompson shared the 27 townships, but left eight of them unsurveyed. The work was in Northern Klamath County. Thompson began the surveying heritage of the family by surveying Contracts just after the appointment of John Preston as Surveyor General in 1851. John was awarded a Contract on his own for 11 townships at Coos Bay in December, 1866.</p>
									<p>From 1868-70, John was awarded several Contracts, all but two as Joint Contracts, with various individuals for a total of 113 townships. He surveyed his share with only one township of his surveyed by Henry Meldrum as compassman. All but three townships were on the East side. John was the compassman for David Thompson in 1871 for two townships South of Biggs, and two townships West of Willamina. Henry Meldrum was his compassman for the boundary of the Coast Indian Reservation, and for surveys for allotments in 1872 near Cape Lookout. He married Georgiana Pope in 1872, a niece of the Governor. Their son, D. Thompson Meldrum was a long time Clackamas County Surveyor.</p>

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									<p>John continued with 21 Contracts in the next nine years, with many using Henry Meldrum, Rufus Moore, Nicholas Walden and George Grace as compassmen. All but three were on the East side. From 1880-1883, nine of those Contracts involved George Grace, with George acting as Joint Contractor on one and as compassman on five. John was elected Clackamas County Surveyor in 1888, and two years later he was elected as a Judge, and as such, served as Chairman of the Board of County Commissioners. Together with another Commissioner, he changed the road tax system to improve County roads in 1892. He was a delegate to the National Republican Convention that nominated McKinley.</p>
									<p>For some reason, 13 years later in 1896 he was awarded a Contract for one township 20 miles East of Coos Bay. The newspaper reported this as a Joint Contract with Ira Hoffman, but that is not reflected in the records. Ira was a chainman then, but became a Deputy Mineral Surveyor later. It was a beehive of activity, for William Heydon had a Contract to the East, and Haskell and Lackland had a Contract to the West, all awarded at the same time. John did not have control of the common boundaries. Future Deputy Surveyor, Edward Heydon was a chainman, and was also a chainman for his father on the adjacent work.</p>

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									<p>John was examined and had to do corrections in the field the next year, mostly with a different crew. Ira was gone but Edward Heydon was still the chainman. The record said John retraced the East line, but William Heydon did that also. The Contract was approved in 1897 after unknown miles of corrections. John was 57 when he was awarded the Contract and this was tough terrain. He may have used Ira as a compassman the first time, and Edward on the corrections.</p>
									<p>John was appointed a Special Examiner of Surveys, in 1898-99, working in Wyoming, Idaho and Nevada, and in 1902 he was elected Clackamas County Surveyor again. He was Oregon City Engineer in 1908. John had his home on the banks of the Willamette River, just downstream from the Clackamas River. He is the namesake of Meldrum, a village near Milwaukie, Oregon, Meldrum Avenue, Meldrum Bar (on the river), Meldrum Bar State Park, Meldrum Bar Park Road, and of Meldrum Station, a transit stop. Surveyors later retracing his work reported him as a conscientious surveyor. There are diaries and manuscripts of John Meldrum on file at OHS.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Merriam, Charles Frederick Otis (Fred)	Mineral Surveys	1901	USDMS	yes		Died in Wallace, Idaho, body removed to Spokane Washington		1875-1946	ID PLS 45. Member AIME. Fred was born in New Brunswick of an American-born father, and came with his family to the U. S. in 1879, and by 1885, they were in Minneapolis. He attended college at the University of Minnesota, Class of 1898, and the University of Idaho. He was both a surveyor and a mineral surveyor in Spokane in 1900, and spent the rest of his career, from 1905 to 1946, as a consulting mining engineer in Wallace, Idaho.
									While in Idaho, Fred surveyed 82 Mineral Surveys containing 257 Mining Claims before 1911 and 80 more from 1911-1939. He used small crews, and occasionally used his brother Robert, and USDMS Ernest Gnaidinger as crewmen. His one Mineral Survey in Washington was for 10 Claims up the Methow River near Mazama in 1910. His new wife in 1905 was Ethel Steen, the daughter of a mine owner. He was reported to have a fruit orchard in Payette, Idaho in 1915. Fred's brother, Robert, was another mining engineer and spent most of his adult life in Wallace until his death there in 1942. Fred was the engineer or superintendent of many mining operations in Northeast Washington and Northern Idaho. Fred was approved as a member of AIME in 1914.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He was living with his wife and daughter in Wallace in 1920, but in 1930, he was in a hotel in Wallace, and his wife and daughter were in Spokane. They were in Santa Monica in 1935 and 1940, while Fred was in Wallace. Both Fred and Ethel indicated they were married on the censuses. He was of a short and slender build with brown hair and blue eyes.
Merriam, Robert Stanley	Mineral Survey	1906	USDMS	yes. From University of Minnesota		Buried in Greenwood Memorial Terrace, Spokane, Washington. Lawn 109	photo	1878-1942	Member AIME. Born in New Brunswick, Canada of an American born father, Robert came with his family to the United States in 1879. They were living in Minneapolis in 1900, and Robert graduated from the University of Minnesota in 1905. He married Mabel Clare Fleming in 1907 in Minneapolis, also a graduate of the University of Minnesota. They had tree daughters.
									Robert showed up in Wallace, Idaho by 1906 when he started on Mineral Surveys and also was a survey crewman for his brother, USDMS Fred Merriam. He worked as a mining engineer in Climax, Colorado in 1918-20 and was listed in Spokane in 1922. Robert lived in Wallace again by 1935 and 40, and died of septic infection of the ear in 1942 in Spokane, whil living in Shoshone Count, Idaho..

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Merritt, Allen Curtis	Mineral Survey	1904	HES USDMS USDS			Buried in City Cemetery, Salmon, Idaho	photo	1877-1964	ID PLS 32. Allen was born in Nevada, the son of a hide dealer. The family was in Utah in 1880 and had relocated to Salmon, Idaho by 1883, where his father was the Superintendent of a mine.. His father died the next year, and allen Allen completed the 8th Grade. He was listed as a civil engineer in Salmon in 1900 and married Inez Minert in Salmon in 1902. In 1904 Allen performed his first of 54 Mineral Surveys in the next 47 years out of Salmon. Allen also surveyed 8 Homestead Entry Surveys in 1909-1910. He continued in Salmon until he died there in 1964, being last listed as a civil engineer in 1940. He was Lemhi County Surveyor from 1907-1911 and 1915-19.
Metlen, George Robert	Mineral Surveys	1899	Dem USDMS	yes	yes, from obituary	Buried in Mountain View Cemetery, Dillon, Montana	photo	1869-1941	Born in Montana, George completed four years of college by 1900. He married Mae B. Williamson in Illinois in 1895, and they had seven children. He lived in Dillon, Montana in 1899, and in Beaverhead County for nearly his entire life. George was named a United States Deputy Mineral Surveyor in Lemhi County, Idaho for three Mineral Surveys from 1899-1902 and a United States Deputy Survey in Montana for one HES Survey in 1911.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									George served as Beaverhead County Surveyor from 1901-04 and 1925-1938. He was appointed State Engineer and head of the State Highway Commission. George was also Democrat Committeeman for Beaverhead County for several years. He died of a heart attack in Dillon in 1941, and Mae died the next year.
Millard, Nathaniel H.	Clerk	1887	Dem Dr/Clerk			Buried in Pioneer Cemetery, Boise, Idaho, Block 1, Lot 161, Space 4		1825-	Born in New York, Nathaniel lived in Loon Creek Mining District, Lemhi County, Idaho in 1870. He was appointed Boise City Marshal as a Democrat in 1871 and ran for election successfully later in the year as an Independent. Nathaniel married Mrs. Evangeline P. Thorp in Ada county in 1876. He worked as a laborer in Boise in 1880 and was the Doorman for the House of Representatives in Boise in 1882. Nathaniel served as the Messenger in the Surveyor General's Office of Democrat Joseph Straughan in 1887 and 1889. He ran unsuccessfully for County Coroner in 1888. Nathaniel was a janitor in a public building in 1892, and Angelina was a widow in 1900..

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Miller, Elmer E.	Mineral Surveys	1908	USDMS		yes, from obituary	Died in Denver, Colorado, buried in Crown Hill Cemetery, Denver, Colorado		1861-1930	<p>Born in Ohio, Elmer began surveying on the Ohio RR and made surveys for the GLO in Pueblo, Colorado. He was the City Engineer of Cripple Creek, Colorado in 1900 and a mining engineer in Denver, Colorado in 1910. During this time, Elmer was an expert, consulting for the large mine owners. Elmer married his wife, Mary, in 1890. He received a Mineral Survey for 11 Claims in Idaho in 1908 near Boise in the Pioneerville Mining District,</p> <p>The survey was approved in 1910, but the Claims were rejected by the Commissioner in 1914. Elmer and Mary were still in Denver in 1930, where Elmer was a mining engineer. While there, he operated several asbestos mines near Globe, Arizona and was active in mining work near Leadville. He died in Denver in 1930 of appendicitis.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Miller, William Clayton "W. Clayton"	Mineral Surveys	1886	Rep USDS USDMS		yes	Last in Spokane, WA, interred in Fairmount Memorial Park, Spokane, WA, Peace Abbey Mausoleum, Sec F, Crypt 7A, ashes in the crypt with his wife Margaret.	See Jerry Olson Gps position of front of Mausoleum by Jerry Olson: 47°42'03.9" 117°29'15.0" ± 24 ft.	1859-1938	Member AIME. Born in Massachusetts, graduated from the University of Michigan before coming to Idaho in 1883. Before then, he had resided in Kentucky and Michigan. Clayton was mated City Engineer of Spokane from 1885-84 and then was a surveyor of subdivision plats in Spokane from 1884-88, and by 1886 he was a U. S. Deputy Mineral Surveyor and a U. S. Deputy Mineral, living in Wallace, Idaho. He surveyed 29 Mineral Surveys before receiving Contract 128 for four Townships and a Standard Parallel in the Coeur D'Alene Valley Next was Idaho Contract 133 in late 1891 for the North Boundary of the Diminished Coeur d'Alene Indian Reservation and 22 nearby townships.
									Included in this Contract was the retracement of a few miles of the WA/ID State Boundary. An A. McDonald was a flagman. (Adolphus?) This survey was to clean up after the Reservation was significantly reduced in size. In about 1892-93 he served two terms as Shoshone County Surveyor at Wallace.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Clayton received Idaho Joint Contract 137 with David M. White in 1892. It was for 27 townships and a Standard Parallel surrounding Pocatello, and was surveyed by neither of them, according to the Examiners. They used W. McComb as a compassman, at least for the Standard Parallel. Because they did not use two sets of chainmen on the Parallel, they made a large chaining error and had to come back and correct work. Miller was busy with his own Contract in Northwestern Idaho in 1892 at the time, plus five Mineral Surveys, and David was on a job with the Pocatello Waterworks construction all during the Contract.</p>
									<p>The original notes were mostly signed by White in 1892, and the significant amount of corrections were mostly signed by Miller in 1894. Clayton was in Boise noted as correcting errors in the survey of the Fort Hall Indian Reservation in 1894. In addition, they made a claim for extra pay for the the tall thick sagebrush, but it was not received well. Clayton continued surveying Mineral Surveys in Shoshone County until 1899, totalling about 22 Surveys. In 1896 Clayton surveyed one Mining Claim North of Curlew, WA, and 2 Claims North of Northport, WA. He was severely injured near Wallace in 1899 when his push cart on the RR jumped the tracks on a trestle.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									The Coeur d'Alene area miners organized into several local unions in the 1880's. Mine owners reduced wages and lengthened hours, leading to a strike in 1892. It escalated to violence with 4 men killed and the union physically taking over some of the mines. The National Guard was called and rounded up 600 miners, with the military rule lasting for four months. Clayton Miller was in charge of the Big Buffalo Mine from 1898-99. In 1899, after Bunker Hill Mining Co. fired seventeen union miners, the miners dynamited a mill at Wardner, killing two miners. The U. S. Army was called, and 1000 miners were imprisoned under primitive conditions in "bull pens".
									The mine owners paid \$35,000 to Governor Frank Steunenberg to help fund the prosecutions. Many union men were prosecuted. By 1905, W. Clayton Miller was promoted to General Manager of the Federal Mining and Smelting Company, one of the two giants in the area. He also co-chaired the Mine Owners Association.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Governor Steunenberg retired in 1905 to his home in Caldwell, ID. On December 30, the former Governor went out for a walk, and on his return, when he pulled a gate latch, he set off a bomb that killed him. Harry Orchard was arrested soon, confessed, and implicated three officers of the miners union. He named another accomplice, but that one was released to another jail after he claimed his confession was extorted. Again, Clayton Miller and the MOA subsidized the prosecution. Harry Orchard was convicted, confined to prison until he died in 1954, and the three union leaders were acquitted for lack of corroborating evidence.
									Clayton was a director of the Ambergris Mining Co. from 1908 until at least 1928. He lived in Spokane from 1910-36 in the Westminister Apartments at 2301 West Pacific Avenue, always involved with mining. His wife died in 1934, and Clayton died in 1938.
Milleman, Charles W.	Clerk	1892	Dr/Clerk		yes, a short one from obituary	Buried in Pioneer Cemetery, Boise, Idaho, Block 12, Lot 3 space 6, next to his parents.	There appears to be no marker on the satellite image Gps of gravesite from cemetery records.	1859-1900	Born in San Francisco, California, the son of bartender, Charles moved with his family first to Oregon and then Boise, Idaho in 1864. Charles lived in Idaho the rest of his life, mostly as a laborer. He was a drayman in 1880, but was appointed the Messenger in the Surveyor General's Office of Willis Pettit in 1892.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Mills, Frederick John	Contract 126	1891	Rep USDS EX	yes	yes, from murder trial coverage in newspapers	Interred in Mountain View Cemetery and Mausoleum, Altadena, California, PMOMN, Segment 612, Wall	photo	1864-1953	Born in Vermont, the son of a blacksmith, Fred attended the University of Vermont and studied engineering eventually earning a Civil Engineering Degree there on 1898. He was living in Mission, Idaho in 1891 when he received a Contract for 12 townships in Southwestern Idaho. Another Contract in June of 1891 was for 102 miles of the Boise Meridian, , extending to the Canadian Border.
									Fred examined Contract 129 of Samuel G. Rhodes in 1891 and Contract 135 of Frank Riblett in December, 1892. He was elected to the Idaho State Legislature in 1892 representing Bannock County, while residing in Pocatello. One month after receiving instructions to examine Frank Riblett, Fred received two Joint Contracts with Frank for 54 townships, a Standard Parallel and a Guide Meridian. All of the work was in Southeastern Idaho and they both signed the oaths. Fred married Laura Elise Hopf in Idaho in 1893, and they had two children.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Fred was elected Lieutenant Governor of Idaho in 1895 and resigned when he was appointed the first State Engineer in 1896. He continued at that until Spain and the U. S. declared war in about 1898 and then joined the Army Engineers. He went in as a Lieutenant and served in Honolulu, but contracted typhoid, causing him to be in the hospital for eight months and at least one surgery. He was discharged in 1899 back to Idaho as a Captain.. He tried to get employment on the Oregon Short Line with J. C. O'Melveny, but failed because of his medical condition. He was hired by the Wyoming State Engineer to do irrigation studies at that point.
									Fred's wife Laura confessed to having an intimate relationship with J. C. O'Melveny, the Chief Engineer of the Oregon Short Line RR while Fred was gone, and wanted to be separated. Fred took his revolver to the Salt Lake City Office of O'Melveny, the offending party, walked up to his desk, and shot him rapidly three times through the head. Fred stayed in jail until he had a trial in about three months, and the jury took about 15 minutes to acquit him of the charges. Fred and Laura kissed and made up when he was released.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Within a short time, they moved to San Francisco, where Fred was listed as a civil engineer. He was the superintendent of an aqueduct in Kern, California in 1910; a general superintendent in Tulare, California in 1920; a civil engineer in Pasadena in 1930 and retired in 1940. Fred and Laura lived to be age 88 and 90 respectively in Pasadena.
Mitchell, Fred W.	Special Instructions	1908	USDS			Lived at St. Anthony, Idaho when he died of typhoid. Buried in River View Cemetery, St. Anthony, Idaho	photo	1884-1909	ID PLS 121. Born in Nebraska, the son of a farmer, Fred was living with his family in Vernon, Idaho in 1900. He was a deputy sheriff in Fremont County, Idaho in January, 1908, and was elected County Surveyor in November 1908. Fred received a Contract by Special Instructions near St. Anthony in 1908 for two townships and a Joint Contract with Oscar Sonnenkalb for 13 townships in Southwestern Idaho in October 1908. He used his father as a crewman on the first Contract. Fred died of typhoid in June 1909 at age 25 while still Fremont County Surveyor. He was listed as Idaho PLS 121 in a report in 1910.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Monroe, Robert William	Contract 116	1886	Dem USDS IAA		yes, long one from obituary	Buried in Maplewood Cemetery, Kingswood, West Virginia		1834-1907	<p>Robert was born in Virginia and orphaned when he was a child. He was raised after that by his older brother, Alexander W. Monroe, a surveyor, lawyer, Colonel in the Confederacy, and Speaker of the House of Delegates in post-war West Virginia. Robert went through the common schools and at about age 16 began teaching and surveying at Clarksburg, West Virginia, continuing at Independence, West Virginia. He married Caroline N. Fortney in 1860, and they had eight children,. At some time, he began the study of law and was admitted to the bar at Kingswood, West Virginia in 1873, and continued that profession the rest of his live in West Virginia, although he also surveyed.</p> <p>A biography of Alexander W. Monroe, the older brother of Robert, noted that Robert was appointed Indian Agent for Idaho by Grover Cleveland. Robert was awarded Contract 116 in in 1886 in Idaho for nine townships Southeast of Salmon and seven townships East of Burley. Though Robert was awarded the Contract, he did not perform the survey but was reported in training in Washington, D. C. as an Applicant for the job of Special Indian Allotting Agent in 1887. It is unknown what the official status of his Indian Agent designation was. At some time, he was seriously considered as a candidate for West Virginia Supreme Court, and died in West Virginia in 1907.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Moore, Fred Cushing "Cushing"	Mineral Surveys	1901	USDMS	see Jerry Olson	see Jerry Olson, From book, Go To: http://www.olsonengr.com/download/globios/moorefredcbio.pdf	Died in Spokane, WA		1875-1937	OR PE. Member AIME. Cushing Moore was born in Walla Walla and raised both there and in Moscow, Idaho. His father, Charles, was the founder and promoter of Moscow, and his uncle, Miles C. Moore, was appointed Governor of Washington in the last year of the Territorial days. His father and Miles were both grain dealers in Walla Walla in 1880. Charles died in 1888, while Fred was only 13.
									Fred managed to secure an education, attending Northwestern in Chicago, University of the Pacific in California, and graduated from the University of Idaho in Moscow. Upon leaving school, Fred worked for J. C. Ralston in Spokane for 2 years as a mining engineer, before opening up his own office in Wallace, Idaho in 1901. During that time he surveyed 17 Mining claims in the Stillaguamish District. In From 1901-1908 Fred surveyed 30 Mineral Surveys, involving 106 Claims in Idaho out of Wallae. Clarence Cunningham was an axman on an early survey. In 1908 he secured the political appointment of State Inspector of Mines for Idaho, lasting two years.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>From 1902-1911, Moore was involved in a scheme to secure a large area of coal lands for the Guggenheim family in Alaska. The plan as promoted by Clarence Cunningham was that many potential entrymen, including Moore and his uncle, the Governor, applied as entrymen for 160 acre tracts in Alaska. They prospected and hired geologists to promote the area. A railroad was surveyed some 90 miles into the area. The Federal Government issued charges against all 45 claimants, saying that they were attempting to defraud the government.</p>
									<p>The problem was that the law said that entrymen could not make contracts with others to aggregate their claims. The case was known as the Cunningham Coal Lands Claims, for Clarence Cunningham, who charged the investors for his services. There was a big trial, at which Moore testified before the BLM General Land Office Commissioner, who in 1911 ruled that the claims were invalid, and the money spent by the entrymen would be lost. Moore testified that he had spent about \$5000. The real battle was between Secretary Ballinger, head of the Department of the Interior, and Gifford Pinchot, ousted Chief Forester. He had been fired for his opposition to the Cunningham case, and Ballinger tried to grease the skids.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Fred continued as a mining engineer in Spokane, and served as a director of mining companies in the Pacific Northwest and Canada until he died in Spokane in 1937. He was of medium build, brown hair, and blue eyes. (biography)
Moore, Stanley Ralston	Mineral Surveys	1908	USDMS	yes		Died in Helena, Montana, buried in Forestvale Cemetery, Helena, Montana	photo	1878-1941	ID PLS 129. Born in Ohio the son of a farmer, Stanley graduated from the University of Missouri in 1906 with a B S. in Mining Engineering.. He was in Idaho by 1908 when he received instructions on MS 2386 in T48N R5E in Shoshone County for one Claim. At this time, he was a partner in a consulting business with assayist G C. Robbins.
									Stanley married Annie Burns, an immigrant from Scotland, in 1909 in Lewiston, Idaho, and they were in Wallace, Idaho in 1910, where Stanley was a mining engineer. Stanley was Shoshone County Surveyor about this time and surveyed five more Mineral Surveys in Idaho through 1910 and four more after that through 1919. In 1918, he was living in Wallace, but employed in Sandon, British Columbia as Assistant Superintendent for the Rosebery Surprise Mining Company. Stanley was noted as working in Alaska from 1924-25 as the representative of Wallace/Spokane investors on a gold mining property 100 miles South of Fairbanks. Stanley apparently moved to Helena, Montana in about 1930, where he was a mining superintendent until he died there in 1941.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Morris, Aaron Ward "Ward"	Special Instructions	1897	SES		see Jerry Olson, From newspaper, Go To: http://www.olsonengr.com/download/globios/morrisaaronwbio.pdf	Died in Roanoke, Virginia, buried in the Morris family vault in Mourain Avenue Cemetery, Cold Springs, New York.	See Jerry Olson Gps of vault location from Jerry Olson from Google Earth: 41°25'26" 73°57'12"	1854-1929	Aaron was born at Cold Spring, New York in 1854, the son of a West Point graduate, Brevet Major General William Hopkins Morris. William who was at that time assistant editor of the New York "Home Journal", owned by his father, but he reenlisted for the Civil War. After the War, William became a civil engineer. Aaron was a Lieutenant in Ordinance from 1871-76. He received a technical education, after which he was involved with various RR enterprises from 1875-86, which included: New York and Erie, Shenandoah Valley, Hudson Suspension Bridge, and New England and Ohio Central. Aaron married in 1881 to Fannie Kronheimer, a widow 12 years his senior. Before 1889 he was with the city engineering department of the City of New York, and after that date moved to Virginia. Aaron opened an office in civil engineering with R. M. Darley in 1890 at Bristol, VA, where he surveyed a land development, and was a founding member of the Virginia Association of Engineers in 1891. Aaron had an extensive speaking schedule in 1896 on behalf of the Sound Money League. From 1897-98 he received an appointment as Special Examiner of Surveys for Washington, Idaho and Montana. In that capacity he performed at least 28 examinations in Washington in 1897-98, both approving and rejecting some surveys. He returned to Virginia in 1899, where he was appointed the Superintendent of the Crimora Manganese Mines in 1900.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									In 1910 he and his wife Sallie were living with his step-daughter in South River, VA. Things went downhill from there, for he was addicted to alcohol, and was dependent on his wife and step-daughter. Fannie died in 1924, and his step-daughter did all she could, including sending him to treatment, and selling pies to pay the rent. He became a resident of the Elks National Home in Bedford, Virginia in 1926. He died in 1929 in Roanoke, leaving his step-daughter some money in a Shriner's death benefit fund. His distant cousins fought her over the money he willed her, taking it all the way to the Virginia Supreme Court, with the cousins losing.
Morrison, Albert J.	Clerk	1897	Dr/Clerk						This is probably Albert J. Marston, the Messenger in Idaho from 1895-97. Albert was a Messenger in the Surveyor General's Office of Joseph Straughan and was discharged and replaced on 11/1/1897 when Joseph Perrault took over the Surveyor General's Office in 1897.
Morrison, James McKenzie	Mineral Surveys	1898	USDMS	yes		Buried in Oakland California	photo	1864-1926	Born in California, the son of a carpenter, James was still in school in Oakland in 1880, but at that time started in engineering and Surveying parties in Nevada. He was a civil engineer in Tacoma, Washington in 1885 and was appointed Deputy City Surveyor also in that year. James married Mary Margaret Herriott there in 1889 and was named City Engineer in 1890 and reappointed in 1892.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>James first showed up in Idaho in 1898 to survey 10 Mineral Surveys in the Placerville Mining District North of Boise for the Basic Company. With the assistance of Maitland H. Bedolfe, he also designed and surveyed a long flume and pipe system to drive a Pelton Wheel with 347 feet of head delivering 40 cfs. This furnished the electricity for the Red Rock Dredging Company and the Boise Dredging Company to operate dredging buckets. This operation was near Centerville and served the Claims covered in his Mineral Surveys. James lived in Tacoma in 1890 and 1894, but was in Oakland as a civil engineer by 1900. James was a contractor in Oakland in 1908, 1910 and 1920 and died there in 1926. There is no direct link for this James M. Morrison to these surveys, except that Maitland Bedolfe soon followed to Tacoma, where James was an engineer. A signature will tell.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Moseley, Frederick	Special Instructions	1905	Dem Rep USDS		yes, from obituary	Buried in Rose Hill Cemetery, Idaho Falls, Idaho	photo	1865-1923	ID PLS 4. Born in Illinois the son of a farmer, Fred was living on the farm in Princeton, Illinois in 1870 and living with his widowed mother and his siblings in 1880 in Princeton, attending school. He moved to Idaho Falls, Idaho in about 1903 and lost in an election for Idaho Falls City Engineer in 1904 as a Republican. He received a Contract by Special Instructions to survey Bear Island in the Snake River in 1905 for only a couple of Sections. He was a civil engineer in Idaho Falls in 1910 and in 1919 and married Mrs. Martha A. Johnson Lillis there in 1912. Fred was noted in 1912 as participating in some of the largest reclamation projects in the State. He was retired in 1920 and died of a heart attack in Idaho Falls in 1923, where he had served on the City Council from at least 1917 until his death.
Munn, Joseph	Contract 124 (as compassman for John A. Long and Samuel G. Rhodes for portions)	1890	Comp	yes	short one from obituary	Buried in Mountain View Cemetery, Pocatello, Idaho	photo	1864-1945	Joseph was born in Utah, and attended school through the 8th grade. He moved to American Falls, Idaho in 1880 and began farming there. Joseph was a compassman for Oscar Sonnenkalb and John A. Long in 1890-91 for Contracts 124 and 130 in Southeastern Idaho. Two younger brothers, Eli and Charles were crewmen on that work also. Joseph was also noted as a copmpassman on Contract 130 by Oscar Sonnenkalb and John A. Long in 1891. He signed both the preliminary and final oaths, but his name was crossed off as compassman.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Joseph married Blanche Warner in 1892, but she died ten days after their first child was born in 1893. The baby son died at age 6 months. Joseph moved to Pocatello in 1903 and remarried to Grace A. Coddington in 1904. They had three children and farmed together near Pocatello until Joseph died in 1945.
Myers, W. C.	Special Instructions (as transitman for Thomas C., Havell)	1908	Comp						W. C. was first noted as a chainman and axman for Deputy Arthur M. Mader in Arizona in 1900-03. He was assigned as a transitman for Thomas Havell for the survey of three townsites, Plummer, Desmet, and Worley, in Northwestern Idaho near Coeur d'Alene in 1908. Nothing more can be found for now.
Neiberding, Henry	Clerk	1899	Dr/Clerk			Buried in Morris Hill Cemetery, Boise, Idaho, MHILL, SJ2, 2, 4	photo	1853-1920	Born in Germany, Henry lived in Oregon from at least 1884-1892 when his daughters were born. He was living in Salt Lake City when he was appointed a draftsman in the Surveyor General's Office of Joseph Straughan in 1899. He continued into the Regime of Ernest Eagleson until at least 1905. He was listed as an Architect in the 1900 Census in Boise, living with his wife, Bertha, and his two daughters. Henry was divorced when he died in Boise in 1920

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Nelson, Clarence Lotario	Special Instructions	1908	USS	See Jerry Olson		Buried in Arlington National Cemetery, Arlington, Virginia. Sec. 9, Site 5892	See Jerry Olson Gps of tombstone by Ann Cady: 38°52'43.6" 77°04'17.2"	1877-1940	Member ASCE. Clarence was born in Wisconsin, graduated from the University of Wisconsin in 1900 with a degree in Civil Engineering, and joined the U. S. Geological Survey in 1903 in California. By 1905 he was a topographer running a plane table. He was stationed in Sacramento in 1906 at the time of the earthquake, and being an accomplished amateur photographer, when assigned to San Francisco in the aftermath, he took many excellent photos.
									Clarence worked in Wyoming in 1907, in Puerto Rico in early 1908, and in Washington in 1908-09 on the retracement of the WA/ID Boundary. The work was divided, and in the first season Clarence ran the first 16 miles North from Lewiston, the 30 miles South of Liberty Lake, and 4 miles South of Newport. He returned in 1909 to survey the Northerly 50 miles, except for the 17 miles surveyed by Sigurd Lunde, generally South of Priest Lake. Clarence mapped the topography of a strip one half mile on each side of the lines he ran. Baynard Knock mapped the other sections, but under Clarence's direction. LSAW performed a centennial commemorative retracement of the Northerly portion of the line, and will attest to how rugged and inaccessible it still is.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>In 1910-11 he was a topographer doing GLO work on the Fairbanks Meridian and Baseline for the USGS, and then was assigned to Washington, D. C. The Alaska work was controversial in that the USGS used triangulation instead of the Cardinal line running of the GLO. Amherst Barber wrote a severely critical review of the survey for the GLO, causing the USGS never to work for the GLO again. From 1911-1913 Nelson worked in Argentina, and was doing triangulation in California 1914-16. He served in France as a topographer/engineer during the War, 1917-19, emerging as a Colonel. He both mapped and performed orienteur officer duties for the Coast Artillery, for which he received a Citation.</p>
									<p>Clarence was in San Antonio in 1920 in charge of all USGS survey work in Texas. He went to Timor in 1921 for the Sinclair Consolidated Oil Co. From 1922-23 he was loaned out to the National Park Service as acting superintendent of Mt. Rainier National Park. He finished his career with the USGS, working out of D. C. until at least 1930, and is buried in Arlington National Cemetery. He was 5' 11" with brown hair and blue eyes, and a life-long bachelor</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Newby, Henry W.	Special Instructions	1897	Dem SES		See Jerry Olson, from newspaper, Go To: http://www.olsonengr.com/download/globios/newbyhenrywbio.pdf	Buried in Winnemucca Cemetery, Nevada	See Jerry Olson Gps of tombstone by Jerry Olson: 40°57'45.7" 117°44'33.7"	1858-1905	Henry was born and raised in Warrentown, Fauquier County, Virginia, the son of a wealthy merchant. He was a law student in 1880, and the Commandant of Cadets of the St. Johns Academy in Alexandria, Virginia in 1883. From 1886-1887 he was City Surveyor for Alexandria, VA and surveyed subdivision plats in Alexandria and Washington, D. C. He married hometown girl, Sally English, in 1887, and they had a daughter in 1888. In 1891 Henry was the secretary for the Virginia Assn. of Engineers and Architects, and was listed as the Construction Engineer for the Roanoke and Southern RR. In July of 1893, he received an appointment as a Special Examiner of Surveys out of the Washington, D. C. office of the General Land Office from the second Grover Cleveland Administration. Headquartered in Spokane, he examined 37 surveys through 1897. He provided accurate examinations, and many of the surveys he examined were suspended or rejected. He was doing examinations in Arizona in 1895, in Oregon in 1896-97, and then was a Deputy Surveyor in Nevada in 1900, living in Elko. In 1902 he defaulted on a Contract for 11 townships, and they were finished by a compassman. His wife and daughter were living with her sister in Maryland.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									From 1902-1905 he was Humboldt County Surveyor in Winnemucca, NV. He died there in November of 1905, at age 47 of some illness. His wife and daughter were in San Francisco in 1930, and his wife lived until 1945. He was listed as single in the 1900 census, but his wife was listed as married. (biography) This is the maintained version of this information.
Newman, George W.	Contract 37	1871	Rep USDS					1842-	Born in Iowa, George was in Oregon by 1864 when he was a chainman for Daniel Chaplin at Pendleton. The next year he was a chainman for David Thompson, also at Pendleton. From 1866-68 he was a chainman for David P. Thompson and John Meldrum for several Contracts East of Upper Klamath Lake, East of Florence, South of Boardman, South of Coos Bay, and East of Klamath Lake. In 1869, George worked for John David at Irrigon as a chainman and at John Day as a compassman. He received Contract 141 on his own in 1870 for six townships East of Eugene. In a bizarre fashion, he used John Meldrum as the compassman and future Deputy Surveyor Rufus Moore as a chainman for all of this work.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									George was listed in the 1870 Census in Portland as single and as a watchman. He worked again for John David in Portland in 1871 as a chainman for one DLC. He was reported in the newspapers as having served the surveying season in Idaho in 1872, returning to Portland in late November. George received Contract 37 in Idaho in August, 1872 for four townships in Southeastern Idaho. In 1874 he received Contract 43 and Contract 49 for 12 townships in East-Central Idaho that was partially along the Snake River.
									George surveyed Contract 52 in Idaho between July and November in 1874. David Thompson used him in 1875 as a compassman on his survey of the Fort Hall Reservation in Idaho. He was paid \$4861 in 1876 for Contract 63 in Idaho. A letter to the editor in Idaho in 1877, critical of Surveyor General Lafayette Cartee, noted George was given some employment by the Governor as a prison guard.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>One family tree notes that George came across the Oregon Trail in 1845 and married Adeline Foster in 1875 in Oregon. His father was killed by Indians in 1848 , and his mother soon remarried. He was living with an older brother and sister in 1850 and next to his mother's new family in 1860 with a younger brother in Marion County. The tree noted that he died in 1879 in Portland. A George Newman, right age, was killed in a construction accident in Portland in 1869. In contrast, the 1880 census shows another George W. Newman as a prison guard in Boise. There was a chainman for Henry Meldrum in Oregon in 1890 with the same name, but the signature was somewhat different.</p>
									<p>George probably moved to California by 1905 when he was admitted to the Old Soldiers Home in Malibu. He was noted as serving in the Oregon Infantry in the Civil War, and arrived at the Home as a widower. It is unknown if George resided in the Soliers Home contiuously, but he was there in 1907, 1909, and 1910. He married Millie Tubbs Wales in Los Angeles in 1911, and George died at the Soldier's Home in 1914. Millie received his pension, and lived until 1943 in Los Angeles. Both are buried in Los Angeles National Cemetery.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Nihiser, Winton Weyms	Special Instructions (as transitman for Thomas C. Havell)	1908	Comp			Buried in Saint Marks Chapel Cemetery, Tracys Landing, Maryland	photo	1888-1955	Born in Maryland the son of a physician in Needysville, Winton attended school up to two years of college. After that, he took a job in 1908 on the General Land Office field crew out of Washington D. C. Winton was first cited as a cornerman on a townsite survey for Thomas Havell in Idaho. He continued for one or two more townsites before becoming a transitman on the last survey for the Townsite of St. Maries, Idaho, still for Havell. Winton married Mary C. West of Maryland in 1917, and they had no children He worked in Alabama at sales for cemeteries in 1930 and was a surveyor in 1940 in Deale, Maryland. Winton was appointed as Deale, Maryland Postmaster by 1942 and continued at least until 1950.
Nissen, Edward Martin	Mineral Surveys	1910	USDMS	yes	yes, a short one from obituary	Died in Okanogan, Washington, buried in	photo	1891-1882	Born in Iowa in 1890, the son of German immigrant farmer parents, Edward only attended school for six years. He was living in Big Butte, Idaho in 1910-11 when he surveyed three Mineral Surveys in the far Southeastern corner of Idaho in Bear Lake, Cariboo and Blaine Counties. He married Nellie Willetta Lamb in Lewiston in 1912, and they had 4 children.
									They were farmers in Boles, Idaho in Idaho County in 1917, and Edward worked for the Idaho County Road Dept. in 1930 at Fairview. Edward and Nellie moved to Nespelem, Washington by 1935 and lived there as a farmer until he died in 1882 at age 91.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Nixon, Axel E. "AN."	Clerk	1893	Dr/Clerk			Buried in Morris Hill Cemetery, Boise, Idaho, B, 96,7	Photo Gps of gravesite from Cemetery Records: 43°36'36.46" 116°03'58.05" ± 7 ft.	1856-1922	Born in Sweden, Axel came to the U. S. in 1887 and was naturalized by 1900. He was a Draftsman in the Surveyor General's Office of Democrat Joseph Straughan in 1893 and then Republican Joseph Perrault in 1897. Axel married Mary J. Lyman in Boise in 1897 and they had no children. Axel had been married once before. He was promoted to Chief Draftsman by Ernest Eagleson in 1902-1907 and then continued as a Draftsman for Darwin Utter and Edward Hedden until at least 1920.
									During the transition from Democrat Joseph Straughan to Republican Joseph Perrault, Axel and other Clerks were forced to pay political contributions to the Republican Party. Other Clerks did not pay, and they were dismissed, with an investigation following on violations of the Civil Service Act. . Axel and Mary moved into a new House on Hays Street in 1903. and they lived in Boise all this time. They both died in Boise in 1922. His initials appear on many sets of field notes as the person that approved them.
Nooney, James Dennison	Special Instructions	1858	Asnt Astr	yes	yes, from obituary	Died in Chester, Massachusetts, Buried in Chester Center Cemetery	photo	1810-1895	Born in Chester, Massachusetts, James graduated from Yale in 1838 in Mathematics and then spent two years as a Professor of Mathematics in the U. S. Navy on the ship Erie. He worked as a private tutor in mathematics at Yale until 1844 when he was named a Professor of Mathematics and Natural Philosophy at Western Reserve College at Hudson, Ohio.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>James left to travel on the West Coast before taking a position as assistant to G. Clinton Gardner as Assistant Astronomer on the Mexican Boundary Survey in 1849. He left that job and returned to California in 1850 to work for the Surveyor general's Office to survey a new city. James was a County Surveyor and a private surveyor, and in June 1852 he set sail for Australia as Commander and half-owner of the ship Orpheus. He sold the Orpheus in Hawaii on the way back, and returned as a passenger. James made a trip to the Bahamas in 1858 before 1859 when he was appointed to again be the Assistant to G. Clinton Gardner on the U. S./Canada Boundary Survey until 1863. James went to Washington, D. C. to work on the final report and spent several years in New Haven, Connecticut, engaged in mathematical studies.</p>
									<p>He returned to the Pacific Coast, went to Mexico as superintendent of gold and silver mines before being driven out by the French, and engineered a tunnel through Humboldt Montain in California for a silver mine. James was in New Haven Connecticut studying mathematics, and owned an orange plantation in Florida before returning to Chester by 1884 to live near his two sisters until he died in 1895. He never married.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Noot, William	Special Instructions	1906	Rep USDS		yes, short one from obituary	yes, short one from obituary		1838-1920	ID PLS 45. Born in Wales, William married Annie Bidmead there in 1869, and they had one son, born in England. They all immigrated to the U.S. in 1886, and then Idaho by 1897, where William wrote a report on the Seven Devils RR. They were in Weiser, Idaho in 1900, where William was a civil engineer. William was the architect of the classic Methodist Episcopal Church of Payette sometime before 1904. He was the engineer on the Farmers Cooperative Canal in Payette in 1901, and was elected Payette County Surveyor in 1904.
									William was awarded a small Contract by Special Instructions in 1906 to survey Pool Island in the /Snake River. He was defeated for County Surveyor in 1908 and 1910 by USDS Fred McConnell. William was listed as civil engineer in Payette in 1910, but was feeble after that, and confined to his home after 1915. He died in Payette in 1920 of dementia.
Nordquist, John Henry	Mineral Surveys	1901	Dem USDMS	yes	yes, from book, History of North Idaho	Buried in Nine Mile Cemetery, Wallace, Idaho, IOOF Section Row 2	photo by Shyla Strain Gps of tombstone by Shyla Strain: 47°29'17.3" 115°54'52.1" ± 21 ft.	1867-1940	Born in Sweden, John came to the U. S. in 1885 and was naturalized. He moved to Idaho in 1888, worked to save money and ultimately graduated from the Michigan College of Mines by 1900. John was was living in Wallace, Idaho in 1901, when he was bonded as a U. S. Deputy Mineral Surveyor and opened an office in partnership with USDMS William A. Hesse.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>They were each chainmen on the orhter person's crew in 1902. John surveyed the first of his 39 Mineral Surveys in Shoshone County, Idaho in 1902, continuing through the end of the Contract Era in 1910, having surveyed 108 Mining Claims. He surveyed 10 more Mineral Surveys from 1913 until 1925, also all out of Wallace. John ran for State Mine Examiner as a Democrat in 1902 with unknown results, although the county races were close.</p>
									<p>John was married in 1903 in Spokane, Washington to Laura Marie Sommers, a waitress in a restaurant of her father's in Kellogg, Idaho, and they had three children. She and her family were German Immigrants. John was noted as a widower in 1910, with his three children, but there is no record of Laura's death, except for her placement on John's tombstone. The timing of her death was close to the birth of their third child. In 1911, John was a Director of the Bank of Commerce in Wallace that failed. The failure was mostly due to the excess of its President who had just completed a losing campaign for Governor. John was charged with knowing of the failure, but still allowing deposits to be made, and for making false reports. The criminal results are unknown.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									John remarried to Marie Julie Zoile Pelletier in Coeur d'Alene in 1914. That same year, he again ran for the Office of Mine Inspector after gaining more experience, but again with unknown results in a close race. His ads noted that he had been the County Engineer of Shoshone County and the City Engineer of Wallace for six consecutive terms. He was listed as a Mining Engineer in Wallace in 1920 and 1930. John was a County Commissioner of Shoshone Count at least in 1912. He served as a Director, Manager and Chief Engineer for many mining operations in the Wallace area for his whole career and died in Wallace in 1940.
Norton, William Alexander	Mineral Survey Contract 2	1874	USDMS			Died in Salt Lake City, Utah, buried in Salt Lake City Cemetery, Salt Lake City Utah.		1834-1884	Born in Georgia, the son of a farmer, William was still on the farm in 1850 and was a merchant in Kansas in 1860. By 1870, William was a prospector and miner in Blackfoot, Idaho, living with three other miners. Somewhere he developed the skill to become a U. S. Deputy Mineral Surveyor and surveyed eight Claims in Lemhi County from 1874-76. They were all in a narrow locale centered on T22N R22E, very near Salmon, Idaho. William and his partner, John Rohner, located what was to become the Charles Dickens Mine in 1875 in the Yankee Fork District. The two of them pounded out \$11,000 of gold in one month using a hand mortar.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									The mine produced \$400,000 in nine years before William died. After his death, the executor of his estate sold a two thirds interest in the Mine for over \$1,000,000. Litigation over this transaction stopped work on the largely exhausted mine until it was all but abandoned. The mine was not far East of Challis, Idaho. William made out his will in June, 1884, and died in July 1884, leaving the estate to his parents, since he was still single. He died with a large debt of about \$191,000, coming from labor and supplies to work the mine. He had bought out his two partners, each with a note of \$45,00, in addition to the debt. It is unknown how all this debt and litigation worked out.
Nourse, Mathew Ferdinand	Special Instructions	1910	IAA	yes	See Jerry Olson, from web, Go To: http://www.olsonengr.com/download/globios/noursemathew/noursebio.pdf	Died in Burns Lake, British Columbia, buried in Burns Lake Municipal Cemetery.	photo	1878-1966	Mathew was born in Wisconsin and still lived there in 1900. He received just a basic education, and in about 1904 travelled to Northern Minnesota where he signed up on a survey crew for Great Northern. He surveyed and cruised timber for them, learning by self study, and in 1905 was in that position in Yakima.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He married Edna A. Reed along the way in Kalispell, Montana, but by 1910 he was divorced, and Edna and his child, Helena, were living with Edna's brother in Columbia City, Montana. It appears that they were married just after Helena was born. By 1907 he was an assistant to Clair Hunt on the Spokane Reservation, first doing allotment surveys, and then helping with the classification of the land until 1909. Mathew was transferred to the Coeur de Alene Reservation to be part of the commission doing the classification there in 1909, and married Ina Stratton, a hometown girl, in Newport, WA in 1910. While living in Cement, WA in 1911, he received a U. S. patent on a variation in chaining pins. He began work on the Yakima Reservation in 1910 as an allotting agent.</p>
									<p>Matthew said that there were 400 allotments to do, and the work would not be completed within the next year and a half. He was still in Toppenish in 1914, but during the summer, he travelled to Central British Columbia and explored the area along the GTP RW, then under construction. He selected a spot on the shore of François Lake, returned to Toppenish for his family, and then sailed with them to Prince Rupert, and went back to his claim. While living in a tent, he constructed a log cabin and moved into it on Christmas, 1914.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He went back to Wisconsin to be with his aging father, who died in 1921, and at that time, Mathew and his family moved to Burns Lake, B. C. where he lived until he died in 1966, surviving his wife by one month. He was a real estate agent and auctioneer, and was instrumental in getting a hospital in Burns Lake. He is the namesake of Nourse Creek, flowing into François Lake, South of Burns Lake, where he had built the log cabin in 1914. (biography)
Oliver, Albert	Contract 172	1896	USDS			Buried in Greenwood Hills Cemetery, Portland, Oregon	photo	1854-1910	Born in Iowa, Albert came over the Oregon Trail in 1864 with his family to first Eastern Oregon, and then to Portland, Oregon in 1865. Within the family unit were his two younger brothers, Charles E. and Emery Oliver, who would go on to surveying and engineering careers in the Pacific Northwest. Albert was at home and in school in 1870 and was a lather living at home in Portland in 1880.
									He was still a lather at home in 1892, but received a Contract in 1895 in the Northern Panhandle of Idaho for a Standard Parallel, a Guide Meridian and seven townships. He was examined by Hollyday. His brother Emery also received a similar Contract the same day in the same place. The next year they both received small Contracts, but in slightly different places. Albert's was just Northeast of Moscow for two townships. They received a Joint Contract in 1897 for seven townships near Big Payette Lake Northeast of Weiser, and both signed the oaths.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									After a Contract in 1899 on his own in the very Northern Panhandle, Albert received four Contracts from 1899-1904 in West Central Idaho for 25 townships. He was back at home in 1900 as a leveler on a survey crew in Portland. Albert was a inmate in the Oregon State Insane Asylum in Salem in 1910 and died of Bright's Disease (kidney failure) in Portland in 1910 at age 56. It appears he never married.
Oliver, Emery	Contract 171	1896	USDS	yes	yes, from newspaper	Eastlawn Memorial Park, Main Bldg, glass front niches	photo	1863-1954	Born in Iowa, Emery crossed the Oregon Trail in 1864 as a baby with his family to Eastern Oregon and then to Portland in 1865. He was in the Portland City Surveyor's Office in 1882. Every graduated from the Vander Nellen School of Engineering in Portland and then took a job as an axman on a government survey for Henry Cook, South of Celilo.
									Emery then went to the engineering departments of ORN and UPRR in 1887, and worked there off and on for 18 years, working in four states on railroads and bridges. He was in charge of locating the California Midland RR to Bakersfield in 1892 and later surveyed a RR from Salt Lake to San Francisco that was never used. Emery is credited with discovering the pass used by Southern Pacific on its RR from California to Klamath Falls. In 1892 he partnered in an engineering firm with H. D. Gradon, the Portland Superintendent of Streets at the time.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Emery became assistant engineer on many portions of the Bull Run Construction in the 1890's. He was a Deputy Surveyor in Idaho in 1896-1903, where he surveyed two Joint Contracts with his brother, Albert Oliver and three with Henry Klippel. Emery surveyed two Contracts on his own also. He was also the brother of Charles E. Oliver, a Clerk in the Oregon Surveyor General's Office in 1889. Emery was an Examiner of Surveys for one Contract by Manius Buchanan in Oregon in 1893, and surveyed seven Mining Claims in Crook County in 1900.</p>
									<p>He married his first wife Annette Elma Sylvester in 1893. He was one of many to have surveyed a route from Skagway to Lake Bennett in 1897. In 1905 Virgil Bogue hired him to locate the \$12,000,000 RR down Feather River to Marysville. He was a civil engineer in Portland, Oregon in 1900 and moved to Sacramento in 1910 to be the chief engineer for the Natomas Company, involved in reclamation and irrigation. Emery continued at that until his retirement in 1929. Anna had died in 1915 at Oroville, after four children, and he remarried to Mary Gabriel Lindsey of Sacramento in 1930. They made a trip around the world in about 1932. Emery was the namesake of Oliver Street in Oroville. Mary died in Sacramento in 1940, and Emery died there in 1954.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Omeg, Robert F.	Contract 272 (with Joseph. W. McArthur)	1906	USDS	yes	See Jerry Olson, from Newspaper, Go To: http://www.olsonengr.com/download/globios/ortoliverobio.pdf	Died in Camas/Washington, WA and buried in Skyline Memorial Gardens, Portland, OR	See Jerry Olson Gps of gravestone by Jerry Olson: 45°33'08.6" 122°46'47.6" 9 ft.±	1879-1973	Born in Oregon, Robert was the son of a Prussian immigrant that first came to Pennsylvania, moved to North Dakota, and then filed a Claim on 8 Mile Creek in Wasco County, Oregon. Robert was raised in Wasco County near the Campbells, Riddells, Sharps and Homer Angell, fellow Deputy Surveyors. He was an axman for Ed Sharp in 1895 and 1898, and a chainman for him in 1898, 1899, 1904 and 1908 all over the state.
									Robert received a Joint Contract with Edward Sharp in 1903 for three fractional townships Southwest of Mount Rainier. Robert was a chainman for Homer Angell and Clyde Riddell in 1904 and 1905 in Washington. Robert received his own Contract in 1907 for three fractional townships in Northeastern Washington. He received very small Contract 761 in Wallowa County in 1905, but had to return for corrections in the field in both 1906 and 1907. He received a Joint Contract in 1906 with classmate, Joseph W. McArthur, in Idaho in various locations and returned for corrections in 1907. Another Contract in 1909 in Malheur County, Oregon for one township was surveyed successfully. He worked as a surveyor

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Robert was a bachelor until he married in 1925 to Lora F. Foster, a spinster school teacher that had graduated from Pacific University. They lived in the Laurelhurst neighborhood in Portland until he retired as a dentist in 1950. His 1942 draft card noted he was working for the William Burns Detective Agency in Portland. His wife, Lora, died in Portland in 1958. His sisters, Lucy Lindsay and Ida Omeg lived in Camas or Washougal, WA. Ida died there in 1967 and Lucy in 1982. Robert moved to Camas in 1961 and died in Washougal in 1973. He was 5' 11" with brown hair and blue eyes. (biography) This is the maintained version of this information.
Owen, William Octavius "Billy"	Special Instructions	1899	Rep SES	see Jerry Olson	see Jerry Olson	Buried in Grand View Memorial Park, Glendale, California, West Mausoleum, Unit A, Section 20, Crypt D.	Photo	1859-1947	Born in Utah, Billy's parents separated when he was a child because his mother refused to join the church. He lived with his grandparents in Utah for three years. His mother accumulated enough money to take the family to Wyoming on a wagon train in 1868, where the family ran a restaurant and a store. Billy became acquainted with two Deputy Surveyors, Mortimer Grant and William Downey, who owned a surveying business in Laramie and were city and county surveyors.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Billy was a crewman for both Downey and Grant, along with Thomas Medary, and was admitted to West Point in 1877, continuing at Wyoming State University in 1890. He received 20 Contracts, his first in 1881, and his last in 1894, including a Contract in 1891 for the Jackson Hole Valley going West to the state line. Retracement surveys note that he used petrified mastodon bones as corner monuments on one survey in 1881. He toured Yellowstone on a high wheeled bicycle in 1883, and won a race with a stagecoach to Cheyenne. Billy was elected State Auditor in 1894 and served until 1899. He was County Surveyor of Albany County, Wyoming for 12 years, and a Special Examiner of Surveys from at least 1899-1914. He was also a U. S. Deputy Mineral Surveyor in Wyoming. He examined five Contracts in Oregon in 1900, and served as an employee of the GLO until 1914.</p>
									<p>He was the leader of a party to make the first documented ascent of the "Grand Teton" in 1894, and had a nearby peak named after him, "Mount Owen." He had tried twice before, and was nearly killed in his second attempt. The claim about "the first" has been in question, but the members of the Hayden Expedition in 1872 possibly only reached a saddle, short of the final ascent, and did not document their summiting in 1872, if they did. Billy again summited Grand Teton in 1924, 25 years later.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									His nickname, "Billy", came from his small stature, only five feet tall. He married his wife in 1888, Emma M. B. Wilson, the daughter of surveyor Downey, and they had no children. She weighted 250 pounds and baked him cakes. Billy and Emma moved to Los Angeles by 1920, and lived there until they died, sometimes spending the summer in Wyoming. In 1929, probably with Billy's encouragement, Emma gifted to the Governor of Wyoming a plaque commemorating the first ascent of Billy of the Grand Teton, after which causing it to be placed on the mountain. Emma died in 1935 and Billy in 1947.
Page, James Madison	Mineral Surveys	1887	USDMS	yes	yes, short one from obituary	Died in Los Angeles, California, buried in Twin Bridges, Montana, Twin Bridges Cemetery	photo	1840-1924	Born in Pennsylvania, James' father died when he was one year old and the family moved to Michigan. His mother died when he was 13, but henry enlisted din a Course at Eastman business College in Chicago. He enlisted in the Civil War as a Lieutenant in the Michigan Cavalry and was captured and sent to Andersonville Prison in the South. Later in his life, he would write a book about his experiences in Andersonville Prison.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									James followed the gold rush to Montana in 1864 and ended up settling in Twin Bridges, Madison County with all his siblings. He married Mary C. Christenson in Ruby Valley, Madison County in 1872, and they had five children. James began receiving Survey Contracts in Montana in 1878, and worked off and on at that until 1902, receiving about 200 townships. He also surveyed 13 Mineral Surveys in 1882 in Montana and one in Idaho in 1887. He was listed in Twin Falls until at least 1892, and then was in Pageville in 1907, Madison in 1910. and Jefferson in 1920, always listed as a Surveyor, except 1920 when he was retired.
Paine, Walter Taylor	Special Instructions (with Thomas C. Havell)	1905	USDS			Died in Washington, D. C., buried in Arlington National Cemetery, Arlington Virginia	photo	1863-1935	Born in Ohio, Walter was living at home in Ohio in 1870 with his widowed mother and his siblings and studied as a Cadet at the U. S. Naval Academy from 1877-1882. He married Elizabeth "Lizzie" Darling in 1883, and they had one son. Walter still served as a Clerk for the GLO in 1900 and received Instructions from the Commissioner for the survey of the townsite of Heyburn, Idaho with fellow Clerk, Thomas C. Havell, in Idaho in 1905. He followed up with an amendment to that survey in 1906.
Paine, Walter Taylor	Special Instructions (with Thomas C. Havell)	1905	USDS			Died in Washington, D. C., buried in Arlington National Cemetery, Arlington Virginia	photo	1863-1935	Born in Ohio, Walter was living at home in Ohio in 1870 with his widowed mother and his siblings and studied as a Cadet at the U. S. Naval Academy from 1877-1882. He married Elizabeth "Lizzie" Darling in 1883, and they had one son. Walter still served as a Clerk for the GLO in 1900 and received Instructions from the Commissioner for the survey of the

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Walter was still a Clerk in 1910 and 1920 in Washington, and Lizzie died in 1922. In that year he was appointed Chief of the Surveying Division of the General Land Office. He was still Chief in 1930, and remarried to Nannie Pennington at some time before he retired in 1932. Walter died in Washington in 1935.
Palmer, Obed Alley	Mineral Surveys	1880	USDMS	yes	yes, short one from obituary	Buried in Salt Lake City Cemetery, Salt Lake City, Utah		1839-1917	Born in New York, Obed attended the University of Wisconsin, class of 1860. He went to Montana at an early age, lived in California by 1862, and settled in Utah in 1870. Obed began as an engineer for the Ontario properties at Park City, and later served mines at Eureka. He married Margaret Jane Murphy "Maggie" McClelland in Salt Lake City in 1875, and they had four daughters.
									Obed was a Mining Engineer in Salt Lake in 1880 and 1900, and surveyed 23 Mineral Surveys from 1882-85 in Lemhi and Blaine Counties, Idaho. He became one of the most widely known mining men in the Western States, being engaged as a consulting engineer for the largest mines in Utah and the surrounding states. Obed died in Salt Lake in 1917.
Parke, John Grubb	Special Instructions	1857	Astr	yes	yes, many	Died in Washington, D. C., buried in Philadelphia, PA at The St. James the Less Episcopal Churchyard	photo	1827-1900	born in Chester County Pennsylvania, John graduated from West Point in 1849 and was commissioned a Second Lt. in the U. S. Topographical Engineers. He served as Assistant Topographical Engineer in determining the Initial Point for the Boundary between Iowa and Minnesota, 1849-50.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									John was: on the survey of the Little Colorado River in New Mexico, 1851-52; as Secretary of the Board for the Improvement of Lake Harbors and Western Rivers, 1852-53; as Assistant Topographical Engineer on Survey for Pacific RR in California, 1852; in charge of Survey for Pacific RR on 32nd Parallel 1853; on 32nd Parallel 1854-56; and as the Engineer Secretary of the Light House Board, 1856-57.
									John was named the Chief Astronomer and Surveyor for the Northwest Boundary Commission in 1857, charged with Surveying the North Lines of Washington, Idaho and Montana, West of the Rocky Mountains. He worked on that assignment from 1857 to 1861, when he and others returned to Washington, D. C. to join the Civil War. John held the Rank of Captain going in to the Union Army and ended with the rank of Colonel, but was brevetted to Major General along the way. He led the Union Army in many battles all the way to the surrender of Robert E. Lee.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									John returned to the Northwest Boundary Commission from 1866-69 to finish the calculations and reports. The reports were finished, but have been lost since 1872 in the federal archives. John married Ellen Blight in 1867, a 40 year old widow, and they had one daughter. He held assignments in the Eastern States until 1868 when he was named Chief of the Engineers in Washington, D. C. John stayed there until he took over as Superintendent of the U. S. Military Academy in 1887 and retired in 1889 from Active Service after 40 years. He lived in Washington D. C. until he died there in 1900. John G. Parke was the namesake of Parke Peak in Northern Glacier National Park and the author of numerous technical papers and articles on engineering subjects
Payne, Eugene B.	Contract 332	1910	USDS			Died in Washington		1888-1941	Born in Idaho the son of a banker, Eugene received Contract 332 in Owyhee County in 1910 for two townships. He was noted as a civil engineer on reclamation in 1910, living at home. In that year also, he married Evelyn Edelweise Yaryan in Boise, a bookkeeper in a bank. The next year he was the Assistant Cashier in Boise State Bank in Boise working for his father, the President. The bank soon failed, and his father was convicted of making false reports to the regulators. Eugene was also indicted but was acquitted after 19 hours of jury deliberation.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Eugene was a surveyor/chainman for the State Highway Department in Lemhi County in 1917. Eugene and Evelyn must have divorced between 1918 and 1925, because Eugene remarried in Chehalis, Washington to Adelaide Burlinig, a widow or divorcee from Portland. Eugene died in Washington in 1941.
Paynton, Charles	Clerk	1885	Dr/Clerk Ch Clerk	yes	yes, from obituary	Died in Seattle, Washington, probably buried in Calvary Cemetery, Tacoma, Washington with his wife.		1858-1938	Born in Brooklyn, New York, Charles was a orphan by 1870 and living in an orphanage in New York City. When he reached 18 years of age, he went to Idaho with his younger brother Andrew to the home of his brother-in-law, James Hart, in Boise. He learned the trade of printer, and worked for the Idaho Statesman for eight years. He began his service with the Idaho Surveyor General's Office in 1885 as a Clerk for William Pettit.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Charles married school teacher, Helen Virginia Schaeffer, in Ogden, Utah in 1891, and they had five children. He continued with Joseph Straughan and Joseph Perrault through at least 1901 and was named acting Chief Clerk by Ernest Eagleson when to took over in 1902. The Commissioner named Alexander Schlegel to the position and the battle began. Schlegel won out and Charles stayed as a Clerk. Charles continued in the Surveyor General's Office of Ernest Eagleson and Darwin Utter until at least 1909 as a Clerk and Accountant. He enlisted in the First World War in 1917 and spent ten months in France as the driver of an ammo truck. Charles returned in 1919 and received a diploma in electrical engineering.
									He returned to the Surveyor General's Office at some time and continued until 1928 when he retired. Charles and Helen purchased a home in Seattle where Helen had siblings, and Charles died in Seattle in 1938. Their house they had built in 1902 in Boise is on the National Register. Charles became an accomplished photographer in Boise and left many historic photos.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Penland, John Robert	Contract 286	1907	Rep USDS	see Jerry Olson		Died at Albany of infection from boils and tooth, which led to pneumonia, buried in the Masonic Cemetery in Albany, OR	See Jerry Olson Gps of tombstone from Billion Graves by Jerry Olson: 44°37'47.3" 123°07'20.1" 30± ft	1879-1924	OR PE 86. John was born and raised in Texas, and his family moved to California sometime after 1889. He was first noted in the Northwest as a football player for the University of Oregon from 1901 to 1904. He was on the track team in 1904, but had dropped out of school by 1905. He returned in 1908 to be a guard on the basketball team and a member of the dorm association.
									While absent, he shared a Joint Contract with Charles L. Campbell, a fellow University of Oregon Engineering Student, in 1906-1907. They shared the work, with John surveying 2 townships on the Skagit River at Diablo, and 2 townships Northeast of Lake Quinault. He apparently did graduate work in 1909 or 1910 in Civil Engineering, and married Mabel Adda Tiffany in 1911, a 1908 U of O graduate and the daughter of the Postmaster of Creswell.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He worked briefly as a mining engineer in Spokane in 1910, after he had moved to Albany, Oregon in 1909, where he was the first City Engineer. Later he became Linn County Roadmaster, and in 1911 he surveyed a flume near Philomath. He was the coach of the Albany High School football team in 1911. During a period around 1920, John was a leader in the Mazamas, being in charge of climbing expeditions and writing reports of their excursions. In 1914, he was part of the firm, Penland and Eaton in Albany, while serving as City Engineer. Both he and Mabel were involved civically, particularly with the Masonic Order, with John starting a local Shriners organization. He died in Albany in 1924 of severe infection from a tooth and boils, leading to pneumonia, leaving three children at home. Mabel taught at Albany High School from 1927-44.</p>
<p>Pennington, Walter Wilson</p>	<p>Mineral Surveys</p>	<p>1902</p>	<p>USDMS</p>			<p>Buried in Mt. Moriah Cemetery, Butte Montana</p>	<p>photo</p>	<p>1869-1935</p>	<p>Born in New York the son of a carpenter, Walter was with his family in 1880 in Ohio. He surveyed two Mineral Surveys near Elk City, Idaho in 1902-03 and married Lydia E. Hogan Sandel in Pocatello, Idaho in 1905, a lady ten years his senior. He was listed as a mining engineer in Heyburn, Idaho in 1910 and surveyed two more Mineral Surveys that year on the Salmon River. He surveyed a Homestead Entry Survey as a USDS near Burre, Montana in 1911.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Walter surveyed one more Mineral Survey in Idaho near St. Anthony in 1912 and then moved to Montana, where he appears to have worked for the Anaconda Company. Lydia died there in 1921 in Anaconda, and Walter remarried to 37-year-old Martha Crystal. in 1922 at Butte. They were still in Butte in 1930, and Walter died there in 1935,
Perkins, Edmund Taylor Jr. "Rolly"	Mineral Surveys	1892	USDMS EX USS Astr	yes	yes	Died in Chicago, buried in Cave Hill Cemetery, Louisville, Kentucky with his father.		1864-1921	Member ASCE. ID PLS. Born in Vermont, the son of clergyman, Edmond attended high school and graduated in 1885 with a BA in Civil Engineering and in 1888 with a MA, both from Union college. From 1885-1902, he was with USGS doing topography, triangulation, and precise levelling. While there, Edmund did an examination of Contract 126 in Idaho of Fred Mills in 1892. That year he was also bonded as a U. S. Deputy Mineral Surveyor in Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Edmund also received a Contract from the Surveyor General for five townships just Northeast of Boise in 1892. He was awarded his last Contract in Idaho for two townships South of Boise in 1893 and was examined by Henry Collier. Edmund was appointed an engineer with the Idaho State Wagon Road Commission in 1893, running reconnaissance for 300 miles of roads in mountainous regions. Between 1889 and 1895, Edmund did work on ten 30 minute quadrangles in Southwest and Central Idaho. In 1897-98, he triangulated and established control for the boundary between Idaho and Montana along the 39th Parallel with Samuel Gannett.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Edmund went to the Bureau of Reclamation doing stream gauging and runoff factors and was put in charge of the Yuma Project on the Colorado River in 1902. Edmund married Jean W. Bowers of Plumas, California in 1903, and they had no children. He was put in charge of the Contracting Office of the B. of Rec. out of Chicago until 1909. After 1909 he formed the Edmund T. Perkins Engineering Co. and designed many drainage and reclamation projects around the United States. Jean died in 1917, and he remarried in 1918 to Louise Lamson Scribner, the daughter of Prof. F. Lamson Scribner. Edmund had been the President of the National Drainage Federation; President of the American Reclamation; and Chairman of the National Drainage Commission. He was the namesake of Perkins Peak in Idaho North of Ketchum and died in Chicago in 1921.
Perkins, Thomas Adie	Contract 141 (with Charles S. Wilkes)	1892	USDS			Buried in Mountain View Cemetery and Mausoleum, Altadena, California, Alpine Meadows, Lot 131, Lot G-12	photo	1859-1938	Born in Connecticut the son of a librarian, Thomas was with his parents through at least 1870. He married Julia Ann Van Orden in Ogden, Utah in 1882, but she died there in 1886. He remarried to Margaret Eleanor "Maggie" Chaptow in Ogden in 1890, and they had one son. Thomas received two Joint Contracts in mostly Southeastern Idaho in 1892 for 42 townships with Charles S. Wilkes. They were examined by Henry L. Wilkes and H. P. B. Hollyday. Thomas was in Stanley, Idaho in 1900, and he and Maggie divorced in 1910 in Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Thomas was a resident of Marysville, Utah in 1912 when he married in Kansas to Margaret Teresa Gardiner, a resident of New York City. He was a civil engineer in Ketchum in 1920, but had moved to Pasadena, California by 1930, and died there in 1938. Thomas was an amateur photographer in Idaho, Utah, Nevada and California, leaving 421 photos behind that are on sale on the internet now.
Perrault, Joseph	Surveyor General	1897	S G	yes		Buried in Morris Hill Cemetery, Boise, Idaho	photo	1844-1925	Born in Montreal, Canada, Joseph came to Idaho by 1870 when he was a grocer in Nez Perce. He married Kate Amanda Kelly in Boise in 1870, and they had six children. Amanda's father was Milton Kelly, an Idaho Legislator from 1863-64 and a Justice of the Idaho Supreme Court in 1865-70. Milton was the publisher and owner of the Idaho Statesmen from 1872-89. In 1880, Joseph was the Idaho Territorial Controller, living in Boise.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Joseph was appointed Surveyor General of Idaho in 1897. Republican Joseph Perrault replaced a Democrat Surveyor General and dismissed 9 of 13 of the staff from the previous regime, most of whom were Civil Service employees. He refused a request for a transfer of Democrat Frank C. Whitthorne from the Washington Surveyor General's Office. The employees claimed foul after he replaced them with his employees by nepotism or patronage and sued the GLO. Joseph also started collecting Republican campaign donations from his staff. Eventually they won and were paid back salary. Joseph was retired in Boise in 1910 and died there of Parkinson's Disease in 1915. Joseph is the namesake of the Perrault Building in old downtown Boise and maybe Perrault Street in Boise.
Perrault, Joseph K. Jr.	Clerk	1897	Dr/Clerk			Buried in Morris Hill Cemetery, Boise, Idaho, Block B, Lot 39, Space 2	photo	1882-1936	Joseph Perrault was named the Surveyor General of Idaho on November 1, 1897. The next day he dismissed nine of the thirteen employees of the office, including the Messenger, Albert J. Marston, and appointed his 15-year-old son, Joseph K. Perrault, Jr. to the position, paying \$400 per month. The Congressional Record incorrectly reported that the appointee was James J. Perrault, Jr., and no such named person could be found. Joseph K. Jr. served until August, 1898 and resigned.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Born in Idaho the son of Joseph Perrault, Joseph Jr. was at school and living at home in 1900. He stayed in Boise as an insurance agent the rest of his life, and in at least 1917 was part of Perrault and married Edith Ewing in Boise in 1905. He died of a heart attack in 1936.
Perrin, George H.	Contract 87	1881	USDS			last in San Francisco, California		1840-1906	Benson Surveyor. Born in New York in 1843, George was a surveyor in San Francisco by 1870. He was divorced from Julia A. Perrin in 1875 for adultery. He married Harriett E. "Hattie" Ford in 1880, but they were divorced the next year. Hattie never remarried. George was indicted along with others in the Benson Syndicate for encouraging perjury by asking a crewman to perjure himself in 1888. He must have reunited with Julia because he was listed as her husband in 1897 when she died. She had a pet horse lead her funeral procession. George was listed as employed by John A. Benson as a civil engineer in 1899. He continued living in San Francisco as a surveyor or civil engineer until 1906 when he died there.
Peterson, Olef Erastus "Rast"	Contract 308 (with Andrew S. Anderson)	1909	USDS	yes	see Jerry Olson, from Bio. On Family Search, Go To: http://www.ols.onengr.com/download/globios/petersonolefeb10.pdf	Died in Boise, buried in Logan City Cemetery, Logan, Utah	photo	1860-1954	ID PLS 34. Born in Denmark, Olef came to the U. S. in 1861 as a baby, and crossed the Oregon Trail to Utah in 1861, the result of LDS recruitment, and settled in Logan. His father was a craftsman and furniture maker, and made a living at that and running a sawmill. At age 16, Olef built the pulpit for the Tabernacle in Logan, and soon enrolled in the predecessor of Utah State, where he studied civil engineering.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Olef married Isabella Montgomery Wright Andrew in Logan, Utah in 1884, and they had eight children. The family moved to Rexburg, Idaho in 1899. Olef was the County Surveyor of Fremont, Idaho in 1904. He received a Joint Contract with Andrew S. Anderson East of Blackfoot, Idaho in 1909 for 10 townships, and they both signed the oaths. He used his son, Vier, as a chainman on the crew. Another Contract was awarded to Olef the same year for 17 townships North of Ketcham and he only surveyed six of them. He used sons Vier and Lays as crewmen on that Contact.. They moved to Idaho Falls in 1915, where Olef became Idaho Falls City Engineer for several years.
									Olef was an inventor, obtaining a patent on a steam engine in 1921. They moved again to Boise in 1934 to be near a son, and while there Olef designed and built several houses. Isabella died in 1944, but Olef continued in Boise another 10 years until he died there. Both Olef and Isabella are laid to rest back in Logan, Utah.
Pettit, Willis H.	Surveyor General	1890	S G	yes, from Idaho, Gem of the Mountains, 1899		Died in Boise, Idaho, remains shipped to Yolo, California		1838-1904	Born in Indiana the son of a farmer, Willis was on the farm in 1850 and 1860. He enlisted in the Civil War in 1861 with the Indiana 4th Light Artillery and mustered out in 1864, beginning as a Corporal and ending as a Second Lieutenant. By 1880, Willis was a Mining Engineer in the Atlanta Mining Camp in Idaho.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He was appointed the Surveyor General of Idaho in 1890 while he was working as a Mining Engineer in Wallace, Idaho and served until 1893. By 1900, he was a Mining Engineer back in Atlanta, Idaho, and died in Boise in 1904. His remains were shipped to Yolo, California to a brother.
Philbrick, Arthur	Special Instructions	1899	USDMS		Yes, From History of Oregon by Hines	Died in San Antonio, Texas, cremated at Mission Burial Park. Hetty died in Los Angeles in 1908, buried in Forest Lawn Cemetery		1864-1932	Born in Massachusetts, the son of a newspaper editor, Arthur attended the schools in Massachusetts and then attended the Massachusetts Institute of Technology, graduating at age 17 in 1881. His paternal uncle was the author of the noted book, "American Sanitary Engineering" and was a leading sanitary engineer. After graduation Arthur went to California to be an engineer for California southern RR for four years. He surveyed subdivisions and irrigation works in the real estate boom of Los Angeles and San Bernardino in the 1880's, before locating in San Francisco briefly.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Arthur moved to Portland in 1887 where he was an assistant engineer on the UPRR line in Southwest Washington for 1 1/2 years, before transferring to Astoria for another year. He married Hetty Ione May Hudson in Portland in 1889, and they had a daughter in Walla Walla in 1890. He moved to La Grande in 1891 where he was a U. S. Deputy Mineral Surveyor and the City Engineer of La Grande. As City Engineer he superintended water works, a pumping plant, and a reservoir at La Grande. Among others, he surveyed 18 Mining Claims in the Wallowas while at La Grande. He was a Mineral Surveyor in Idaho, Baker City and Sumpter, Oregon by 1899, and moved to Portland in 1902 while still maintaining a partnership with Charles H. Fenner as Philbrick and Fenner.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Overall, Arthur surveyed 101 Claims while living in La Grande, Baker and Sumpter, between 1892 and 1904. He usually used a different crew on each Mineral survey, but occasionally carried over a crew while working in the same vicinity. He was still operating as Booker, Philbrick and Fenner in Tonopah, Nevada in 1907. Hetty died in Los Angeles in 1908, and their daughter was living in Los Angeles in 1910. By 1920 Arthur was an engineer for the government in Galveston, Texas and had a wife named Catherine that was born in Texas. Arthur was an inmate in the San Antonio State Hospital for the insane in Bexar County, Texas in 1930, and died there in 1932 of tuberculosis.
Phillips, Herbert L.	Mineral Surveys	1899	USDMS			Died in Redmond, Washington, buried in Evergreen Cemetery, Seattle, Washington		1863-1925	Born in New York, Herbert was living on a farm there in 1870 and 1880. He married his wife Mary E. Philips in 1882, and they had four children. He was noted in St. Paul, Minnesota in 1885 and was listed as a surveyor in St. Paul in 1895 with Mary and four children. Herbert was bonded as a USDMS in Idaho in 1899 and was listed as a Civil Engineer in Littlefield, Shoshone County, Idaho in 1900 without his family. He was also a mining expert in Portland, Oregon in 1910 with his family and listed as a Civil Engineer again with his family in Seattle in 1910. Herbert died in Redmond, Washington in 1925.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Phinney, Frederick V.	Mineral Surveys	1902	USDMS		yes, from Spokane and Inland Empire, vol. 2, 1912 and an obituary	Died in Coeur d' Alene, Idaho, buried in Forest Cemetery, Coeur d' Alene, Idaho	photo	1872-1943	<p>ID PLS 252. Born in Illinois the son of a civil engineer, Fred attended the University of Kansas and upon leaving went to work on construction of the SLLA & SPRR for two years. He then moved to Wallace, Idaho in 1889 where he was a mining engineer. Fred was bonded as a USDMS in 1902 and surveyed his first Mineral Survey out of Wallace in that year. Between then and 1915, he surveyed 26 more Mineral Surveys with 82 Mining Claims in Shoshone and Kootenai Counties.</p> <p>He married Minnie Key, a British immigrant, in Nebraska in 1905, and they had no children. Fred was elected County Surveyor of Coeur d' Alene County several terms and was appointed an original Member of the Idaho Board of Engineers in about 1903, concurrent with his Idaho PLS license. Fred was single and a civil and mining engineer in Twin Falls Idaho in 1920 and married Stella Hart Van Piper in Pennsylvania in 1922. He did one more Mineral Survey in 1929, was noted as a Mining Engineer in Coeur d' Alene in 1930 and 1940, and retired in 1935. He died there in 1943.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Pidgeon, Charles Marshall	Special Instructions	1906	Rep SES USDS	yes	see Jerry Olson, from obituary	Buried at Hopewell Friends Burying Ground, Clearbrook, Virginia		1862-1954	Charles was born in Virginia, the son of a farmer, and raised in a Quaker family. He attended but did not graduate from the Quaker School, Swarthmore College, Class of 1886. He married Katie Duvall in 1889 and was decertified by the Church, because she was outside of the Church. Later in 1898 she joined the Church, and he was recertified. They lived in Fairfax County, just outside Alexandria until 1903. Charles became a surveyor, and the first records of him are as a copyist in the General Land Office in 1904 in Washington, D. C., at which time he was promoted to a Special Examiner of Surveys.
									He was in Utah in 1905-06, surveying Indian townsites; in Idaho 1906-07 examining surveys; in Washington in 1907-08 for examinations of 4 surveys, including one by Hiram Marble on the Naches River; and in Colville in 1908 to examine settler claims to approve them. Hiram Marble had to resurvey 35 miles of line as a result of his examination. Charles was sent to Dayton, MT in 1907 and surveyed the townsite; made the survey of islands Southwest of Pensacola, FL in 1908 as a U. S. Deputy Surveyor; and surveyed out of the Wyoming Office with his oldest son in 1911. In 1909, Charles examined the surveys of the 600,000 acre Bruneau Tract, which was proposed as litigation patents near Buhl and Twin Falls., Idaho,

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Charles performed an examination of the South Boundary of Alabama for a Congressional Request in 1911; spent the summer of 1911 surveying islands in Minnesota; worked out of the Wyoming Office of the General Land Office in 1911; appointed as a disbursing agent for the U. S. Government in 1912; surveyed in Florida in 1913 and 1915 as a U. S. Surveyor; surveyed townships in Arizona in 1913 and again in 1916-17; and surveyed townships in Nevada in 1917, again all as a U. S. Surveyor.</p>
									<p>Charles patented a solar attachment for a transit in 1910 and patented a parallel ruler in 1918. From 1889, when he married, until 1954 when he died, it appears that he worked out of the Virginia/Washington, D. C. area and travelled to his surveys. Charles retired in 1916 to form Alpha Instrument Co., a precision instrument manufacturing and repair service in Washington, D. C., which he ran until 1953. Still with the Quaker Church, he was active in the temperance movement in the 1930's and 40's. Katie died in 1946 in D. C. He was living in Wadesville, VA when he died in Winchester, VA in 1954 at age 91.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Plummer, Frederick Gordon	Special Instructions	1898	USDS	see Jerry Olson	See Jerry Olson, Memorial in American Forestry, not in public domain	Died in Washington, D. C., cremated in Washington, D. C. ashes sent to family in Point Loma, CA		1864-1913	Member Geological Society, SAF, and the Academy of Sciences. Fred was born in New York City. He worked briefly as a levelman in Louisiana in 1883 and on a city survey in Tacoma, WA in 1884, before resuming his education in New York and Boston. He returned to the Northwest to be assistant curator of the Agassiz Museum in Olympia, and then as an instructor in chemistry, physics and astronomy at Washington College in Tacoma. (more)
									Fred worked as: chief engineer for the State University Land and Building Commission, the Tacoma Waterworks Commission, Puget Sound University, and special engineer for Pierce County. In 1887, he mapped the south slope of Mt. Rainier, and completed 22 subdivision plats from 1887-1895 in the South Puget Sound area. Fred was hired to survey Steilacoom Harbor in 1891. He did a special survey for the Surveyor General in 1897 to map three mining claims North of Loon Lake to enable government lots to be created. Northern Pacific hired him to compile timber statistics and prepare maps and irrigation plans. From 1898-1903 he was a special field assistant of the Geological Survey, examining the new National Forests. He mapped all of Mt. Rainier during this time.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He passed the exam for irrigation engineer and hydrographer in 1903 and was appointed an engineer for the Geological Survey. He created an astronomical invention called the "Masseroth" in 1905, and was sued by the investors. In 1905 he became an engineer for the USFS. Fred was a voluminous writer on geology, geography and forestry. He wrote the first descriptions of conditions on the New National Forests in Washington, Oregon, Arizona, New Mexico and California. Fred was on the top floor of a hotel in San Francisco at the time of the 1906 earthquake, and sprang to his feet to begin writing a technical description of the phenomena. He received a world record in 1907 for continuous driving by driving a one cylinder Cadillac for over 1000 miles in Tacoma.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>From very early on in Tacoma, Fred was involved with the Narada Chapter of the Theosophical Society, a generic religious and philosophical organization. The founder of the organization created the word "Aryan" and used the swastika in the logo of the organization. One of his books was on the subject, "The Next Change in the Earth's Axis," which he writes of lost continents. The Theosophical Society purchased 330 acres at Point Loma, CA, now within San Diego, and created an elaborate campus there, known locally as Lomaland. They built academies and residences, and many families moved there. Fred and his family moved to Lomaland between 1900 and 1905. He was not listed with them in the 1910 census, and may have been working in Washington, D. C.</p>
									<p>A lawsuit between the national organization and The Narada Chapter made it to the Washington Supreme Court, with Fred as principal defendant. Fred had named Narada Falls at Mt. Rainier for this organization. His family in San Diego continued in the Society and in Point Loma until modern times. Fred died suddenly of heart problems in Washington, D. C. at age 49, at home alone on Friday night, and was not discovered until the following Monday. He is the namesake of Plummer Peak just South of Mount Rainier.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Porter, David Arthur	Mineral Surveys	1899	USDMS	see Jerry Olson		Last in Idaho, his wife never remarried and is buried in Cypress Lawn Cemetery, Colma, California, Garden, Section H, lot 326	photo	1871-1903	<p>Born in Massachusetts, David's father died in the Battle of Little Big Horn when David was a child, and David was living with his mother in his grandparents house in 1880. David graduated from the University of California at Berkeley in 1894 in Civil Engineering. He was a mining engineer in Kellogg, Idaho in 1896, married a fellow Berkeley student and the daughter of a California rancher, Augusta Lawton Nye, in 1898, and they had two children.</p> <p>He was a mining surveyor in Wardner, Idaho by 1899, living with his mother, wife and child. He surveyed 19 Mining claims near Susanville in Grant County, Oregon in 1902 and was elected County Surveyor of Shoshone County, Idaho. His life was cut short when he was found dead in his bed at age 31 in the bunkhouse of the New Jersey Mine in April, 1903 three miles below Wallace, the cause presumed to be a heart attack. He is buried in Palo Alto, California, next to his parents. Augusta never remarried and is buried in Colma, California in Cypress Lawn Memorial Park, sharing a gravestone with unknown individuals.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Porter, James McDill Jr.	Mineral Surveys	1891	USDMS USDS			Buried in Fairmount Memorial Park, Spokane, Washington	photo	1860-1930	Member AIME. Born in Ohio, James was an apprentice mining engineer, living with his brother, Peter Porter, in Lead, South Dakota in 1880. In 1883 he surveyed one Claim each in Texas and Dahlenega Mining Districts in North Central, Idaho. In 1887 James surveyed seven Mineral Surveys in T12N R15,18E in Yankee Fork and Bayhorse Mining Districts. James was awarded Contract 140 for mostly the exteriors of 30 townships Northeast of Ketcham. He teamed with Patrick E. Connor from Salt Lake to survey Contract 150 for a Guide Meridian, Two Standard Parallels, and 9 townships near the same place as the previous Contract. By Special Instructions, James surveyed the new North boundary of the Coeur D'Alene Indian Reservation in 1895 and four nearby townships.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									James married Daisy Katherine Wilkinson in Kansas in 1898, and they had four children. They were in Spokane, Washington, in 1900, where James was a Mining Engineer. He continued to live in Spokane as a Mining Engineer in 1910, 1920 and 1930, the year he died there. They are buried with Daisy's family in Spokane. James surveyed 96 Mineral Surveys Near Wallace from 1891-1910, and surveyed 12 more from 1911-1930. In 1915, James created and published a map of the 100-200 Silver Lead Mines in the Coeur d'Alene Basin in Shoshone County. The Claims were in the vicinities of Kellogg, Wallace and Mullan, Idaho. The James McDill Porter Papers, including diaries, are at Special Collections, Washington State University Library.
Preston, John Bower	Oregon Surveyor General	1851	Whig S G	see book Chaining Oregon	see book "Chaining Oregon"	Died in Lockport, Illinois		1817-1865	Born and raised in New York, John studied bookkeeping, mathematics and surveying before moving with his family to Illinois. He married Lucy Hyde in 1838 and inherited her siblings as part of his family. He worked as an engineer for the Illinois-Michigan Canal in Lockport from 1839-1843 and 1845-48. In 1845 he was back in New York, where he surveyed a subdivision in Albany.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>When the Canal was finished, he went into business at St. Louis until December, 1850 when he received his appointment as the first Surveyor General of Oregon. He brought his wife Lucy, his daughter, Lucy's brother, George Hyde, and Lucy's sister, Julia Hyde, with him to Oregon, arriving in May, 1851. They travelled via Panama before the railroad, and were packed by mules over the isthmus. Samuel Thurston, Oregon's U. S. Congressman, was on the trip North from Panama, and died before reaching Acapulco. Just before arriving at Oregon City, their small boat went aground on a bar on the Willamette, causing the women and children to overnight on the river. All had to walk the last portion of the journey.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He was a Whig appointee in a Democrat Territory, and was scorched relentlessly by the press while he occupied the office. Soon after arriving in Oregon City, he was allowed to practice law in the local court. His brother, Josiah, arrived a year later, after graduating from college, and received Contracts. John was Surveyor General for two years before being politically removed in April, 1853. His replacement, Charles Gardner, did not arrive until August, 1854, and John occupied the office until then. John stayed in Oregon until February, consulting and protecting his family. George was by then a U. S. Deputy Surveyor, and Julia had married Joseph Trutch, another Deputy Surveyor. John formed a partnership with John and Daniel O'Neill in the wholesale grocery business in Oregon City from at least May, 1854 until February, 1855 when he left Oregon.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									John returned to Lockport, Illinois, where he first published a map of Oregon that he had been compiling. He then became principal engineer for the Illinois Canal, owned a founding interest in a flour mill in Joliet, was a Secretary for the Chicago and Joliet RR, and was a Commissioner of the Illinois State Penitentiary. Joseph Trutch followed him to Lockport and worked on the canal as assistant engineer. John was elected President of the Lockport Board of Trustees by 1860. He finished his canal work, and moved to St. Louis as a commercial broker in 1864. He was visiting his parents in Lockport, and drowned at age 48 at night in the Illinois-Michigan Canal on April 13, 1865, the night Lincoln was assassinated. See OR GLO Surveyors for the maintained version of this information.
Price, Lyttleton Jr.	Mineral Survey	1901	Rep USDMS		yes, from obituary	Died in Los Angeles, California		1877-1956	Born in California, the son of a lawyer, Lyttleton moved with his parents to Arizona in 1877 where his father was named U. S. Attorney from 1880-83. They then moved to Hailey, Idaho , where Senior practiced law, managed extensive mining interests, and served in the Idaho Legislature from 1890-93.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Lyttleton Jr. attended the University in Oregon in 1893, but graduated from the Colorado School of Mines in 1900. Soon after school, he married Idaho Frampton Kier in Pennsylvania in August 1900, and they had three children. He surveyed five Mineral Surveys in Idaho from 1901-02 in Blaine and Custer Counties. Lyttleton leased the Minnie Moore Mine near Bellyeu in 1906, was a land promoter in Salt Lake in 1910, and had two servants in his household. In 1918-20 he was working for a mining company in St. Louis, Missouri and was a mining engineer in Laguna Beach, California in 1940 and 1942. Idaho died in 1948 and Lyttleton in 1956, both in Los Angeles.
Purington, Charles Irving "Irving"	Mineral Survey	1910	USDMS	see Jerry Olson		Died in Jerome, Arizona of influenza/pneumonia, buried in Valley View Cemetery, Yavapai County, Arizona	From Joe Wilson Gps of gravestone by Joe Wilson: 34°45'22.7"N 112°03'39.5" W	1884-1919	Member AIME. Born in Minnesota, Irving graduated from high school there in 1899. He moved to Spokane, WA or Shoshone County, ID by 1900, where he held the following positions: 1900-03 worked as a rodman and levelman for irrigation projects for Spokane Valley Land and Water Co.; 1904, levelman, Washington Water Power Co.; 1905-08 transitman, Arthur A. Booth, E. M. and U. S. Mine; and then for Federal Mining & Smelting Co. in Wallace, ID, when he surveyed his one Mining Claim in WA South of Deer Park.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Irving married Daisy Roberts in 1907, and they had three children. He worked in Wallace, Coeur d'Alene, and Kellogg, ID in private practice from 1908, until he acquired a job with the United Verde Copper Co. in Clarksdale, AZ in 1916. Irving worked as a crewman a few times and surveyed 12 Mineral Surveys out of the Wallace area from 1911-14. although he was still married in Spokane in 1916, Irving and Daisy must have divorced, because Irving married Ethyl Estella Perkins in Portland in June, 1917. She was originally from Wallace, ID. Daisy had Irving arrested and sent back to Spokane in October, 1917 for wife desertion. Daisy would marry three more times before she died in Seattle in 1937. Irving died of pneumonia in the influenza epidemic in 1919 in
Rafferty, William John	Contract 252	1904	USDS HES			Buried in Morris Hill Cemetery, Boise, Idaho, Sec SJ9, Block 20, Space 5	photo	1878-1931	ID PLS. Born in Salt Lake City, Utah the son of an Irish saloon keeper, William was first noted in Idaho in 1904 as a U. S. Deputy Surveyor in the Northern Idaho Panhandle. From then until 1909, he completed seven more Contracts in Idaho, and then went on for many more surveys under the Direct System in Idaho. He was a surveyor in Boise in 1910, a forest ranger in Pine, Idaho in 1917 and a forest rider in White Cross, Idaho in 1920. William was listed as a printer for a copper mine in Arizona in 1930 and died in Boise in 1931.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Ralston, John Chester	Mineral Surveys	1900	USDMS	see Jerry Olson	See Jerry Olson, from web, Go To: http://www.olsonengr.com/download/globios/ralstonjohnbio.pdf	Died in Spokane, WA, buried in Cave Hill Cemetery, Louisville, Kentucky near the parents of his wife, Section P, Lot 192	See Jerry Olson Gps of gravestone by Jerry Olson from Google Earth: 38°14'39.1" 85°43'07.5" ± 30 ft.	1864-1928	Member ASCE and AIME. John was born in Ontario, Canada and came to the U. S. with his family in 1879 after his father died. His mother remarried a U. S. citizen in 1881, making John a U. S. citizen at that time. He was educated as a mining and civil engineer and first worked in Missouri from 1882-86, and then in Washington D. C. until 1893. John worked for the UPRR in Montana and Chicago before he married Mary Kean Buckner of Kentucky in 1897 in Montana. The newlyweds came to Washington by 1897 where John was a mining engineer. He started in Republic and surveyed 81 mining Claims and 3 subdivisions by 1900. He also worked in Spokane, Wallace, ID, Kellogg, ID and in Montana. John's mother lived with them from 1901-1916. He was Spokane City Engineer from 1907-1910 where he designed and supervised \$8 million in public works projects, including the design and engineering of 6 bridges. They were: Washington Street bridge (demolished 1974); Howard Street Bridge; Olive Street Bridge (Now called Trent Ave.); Mission Street Bridge; Monroe Street Bridge; and Latah Creek Bridge. His most famous was the design of the Monroe Street arched bridge over the Spokane River, at the time a record span of its type.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									From 1910-1912, John was a principal engineer on the studies leading up to the Columbia Basin Project. After that he was a consulting civil and mining engineer in Spokane until his death there in 1928. He was named to a State Board that supervised the hygiene of women with STD's in 1919, and at the same time was on a short list considered for appointment to the Columbia Basin Commission. He was a Member of both ASCE and AIME, writing papers for both. (biography)
Randall, Theophilus William "Theo"	Contract 21	1870	Rep USDS Dr/Clerk Ch Clerk	yes		Buried in Pioneer Cemetery, Boise, Idaho	photo	1834-1916	Born in England the son of an astrologist and herbalist, Theo was still there in Somerset in 1851. By 1870 he received a Survey Contract in Idaho for 30 township exteriors near Boise and 10 township subdivisions in the same place. He was a part time Clerk in the Surveyor General's Office of Lafayette Cartee in 1871-72. He received another Contract in 1873 for the subdivision of 8 townships South of American Falls.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Theo was a mostly full time draftsman in Cartee's Surveyor General's Office from 1873-77. Theo was named Chief Clerk under Cartee in 1877 on the departure of William Thompson and served until 1883. He was noted as lodging with Clerks, Thomas Conroy and Nelson Kimball, in Boise in 1880. Theo married recent widow Nellie Powell in Boise in February, 1882, but they soon separated and divorced, with Nellie remarrying in December.. Theo remarried to Mary Jennie Schildhauer in July, 1884, and they had three children. He continued in Boise, sometimes as a Justice of the Peace and Ada County Coroner and died in Boise in 1916.
Rands, Ernest P.	Contract 174 (with Hezekiah H. Johnson)	1896	USDS	yes, see Jerry Olson		buried in Mountain View Cemetery, Oregon City, Oregon	photo	1868-1940	Ernest was born in Iowa, the son of a farmer, and came to Oregon with his parents in 1877. His oldest brother, Edward M., owned newspapers, the Oregon City Enterprise and later the Vancouver Independent. He was very active in Republican politics in both states, and served in the Washington Legislature. The family first settled in Beaver and then moved to Oregon City in 1886. Ernest attended Pacific University at Forest Grove, OR.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Ernest was in the Clackamas County Surveyor's Office off and on as a deputy from 1890-1898. By 1895 Ernest did his first GLO survey, when he teamed with fellow Oregon City surveyor Hezekiah Johnson for Idaho Contract 174 for 4 townships Northeast of Moscow. They were examined by H. P. B. Hollyday. He received Joint Contract 641, again with Hezekiah Johnson, for 8 townships East of Albany, and they shared the work. Part of that was the South 2 miles of T12S R4E as surveyed by Rands. He left the North line of that work 1200 feet out of alignment, causing the ultimate rejection of the later survey by Andrew Porter in 1905. Ernest received Oregon Contract 677 for two townships in Malheur County, on Succor Creek on the state line.</p>
									<p>He continued in Idaho: Contract 191 for 7 townships Southeast of McCall in 1897; Contract 200 for 9 fractional townships Southeast of the Coeur d'Alene Reservation in 1899; Contract 209 for 3 townships Northeast of Moscow in 1900; and Contract 226 for 2 townships North of Lake Pend Oreille, which was examined by Oregon City resident, Tom Hurlburt. He teamed again with Hezekiah Johnson for 9 townships in Southeastern Oregon in 1900 in Contract 731, sharing the townships, and both signed the oaths on the state line. Future Deputy Surveyor Norman White was a chainman on Contract 765 for one township East of Albany in 1901.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Ernest was elected Clackamas County Surveyor from 1898-1902, and Oregon City Engineer from 1902-06. He continued in Idaho with 13 townships in Contract 231 in 1902, and 15 townships in Joint Contract 251 with his brother, Harold, in 1904 in the very Northern tip of Idaho. His only Washington Contract was Contract 639 with his brother, Harold, in 1906. They shared the work, and both signed the oaths. There were plenty of crewmen to have two crews, including 3 nephews. He surveyed seven Mining Claims East of Mollala in 1908. He was appointed a compassman in 1909 to perform Contract 775, that had been awarded to Geary Kimbrall, when Geary did not perform for reasons unknown. He surveyed it in 1911, and it was examined and approved. Contract 790 in Oregon in Douglas County in 1909 was surveyed in 1910 and included Norman White as moundsman.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Ernest was elected Oregon City Councilman in 1906. His last Contract was Joint Contract 800 with Norman White in June of 1910. They did not do the work, and it was probably cancelled by the Commissioner, and ultimately given to Charles Collier the next year. He lived with his parents in Oregon City until 1903, when he built his house. He married Clara Fisher in 1906. With his brother, Harold, he ran a surveying and engineering business out of Oregon City, called Rands Bros., up until 1909. He was named Surveyor for the Blackfoot Indian Reservation in Montana in 1909 and a Special Examiner of Surveys in 1910, at least serving in Oregon from 1912-23.</p>
									<p>When the direct system of government surveys came into effect in 1911, Ernest was appointed to head the Field Survey Division for Oregon and Washington for the GLO, with the title, Assistant Supervisor. Ernest continued in this role, into the Bureau of Land Management change, until at least 1938 when he received congressional approval to go beyond the mandatory retirement age. At some time before 1917, he was also given the charge of classification of the O & C timber lands. He died in Oregon City in 1940. See OR GLO Surveyors for the maintained version of this information.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Rands, Harold Alva	Contract 186 (with Hezekiah H. Johnson)	1897	Rep USDS	yes	see Jerry Olson, still in copyright, "Who's Who in Engineering", 1922.	Buried in Mountain View Cemetery, Oregon City, OR. First Addition, Section E, Lot 9, 18, D	Photo Gps of tombstone by Jerry Olson: 45°20'31.5" 122°35'24.6" ±12'	1871-1952	OR PE 525. Member ASCE. Harold was born in Iowa, the son of a farmer, and came to Oregon with his parents in 1877. His oldest brother, Edward M., owned newspapers, the Oregon City Enterprise and later the Vancouver Independent. He was very active in Republican politics in both states, and served in the Washington Legislature. The family first settled in Beaver and then moved to Oregon City in 1886.
									Harold's first Contract was a Joint Contract in 1897 with Hezekiah Johnson, South of McCall, Idaho, and they shared the work on 5 townships, with both signing the notes. Harold entered Cornell University in 1897 and graduated in Physics in 1901, taking many civil engineering electives. He was in graduate school at the University of California at Berkeley in Chemistry in 1902.
									With his brother, Ernest, he ran a surveying and engineering business out of Oregon City, called Rands Bros., up until 1909. While still in Cornell, he surveyed a Joint Contract for eight townships in Malheur County with 58 year old John David. They both signed all the oaths. He also surveyed 4 townships near Bonners Ferry, Idaho in the fall of 1900. Harold received Idaho Contract 221 for 3 townships along the North Boundary of the Coeur d'Alene Indian Reservation in January, 1901, specifically to solve a boundary dispute with the town of Harrison. He surveyed it in that summer, and it was approved in 1902.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Oregon City resident, and future engineering partner, Tom Hurlburt, was the Examiner. The next year he was awarded Idaho Contract 230 for 12 fractional townships South of the Reservation. Idaho awarded him Contract 236 in 1903 for 7 fractional townships North of Coeur d'Alene, a Joint Contract with his brother in 1904, Joint Contract 260 in 1905 with Herman Gradon, which appears to have been surveyed by Harold, and his last Idaho Contract, Contract 276 in July of 1906 South of Coeur d'Alene Lake. Harold's only Washington Contract, and his last GLO Contract was Joint Contract 639 with his brother Ernest on the Colville Reservation in November of 1906. They shared the work, and both signed all of the notes. There were plenty of crewmen for two crews, including three nephews.</p>
									<p>The 12 townships took most of the seasons of 1907 and 1908. They were examined by Marion P. McCoy just before he was indicted and sentenced to McNeil Island Federal Penitentiary for fraud against the government. The Rand brothers were writing to the Surveyor General about how this might affect their examination, and when they would be paid. It appears that all of Harold's Contracts were obtained by competitive bid.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Ernest became head of surveying under the direct system for the General Land Office for Oregon and Washington in 1911, a position he held until at least 1938, and Harold partnered with F. F. White, an architect at Oregon City at that time. In 1906 Harold succeeded his brother as Oregon City Engineer for one term. In 1909 he copyrighted a map of the Coeur d'Alene Reservation with Hezekiah Johnson, probably for sale.</p>
									<p>Harold lived with his parents until he married Florence Graham in 1911 in The Dalles, and soon moved to Estacada, where he designed and supervised the grouted cut-off wall of the Estacada Dam, a model to be followed across the nation. He was part of Hurlburt and Rands in Portland in 1914 and on the Oregon City School Board in 1915. In 1914-15 he surveyed and designed the 24 mile water line from the South Fork of the Clackamas River to Oregon City. He spent the winter of 1917 making tests and designing the foundations for the railroad bridge across the Tanana River in Alaska. He was an engineer for the State of Oregon in 1920, and for Portland Electric Power in 1925, where he was an engineer for the Clackamas and Oak Grove dams and powerhouses. In 1927 he was in Manifests, British Columbia working in mining.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He was with Crown-Willamette Paper Co. in 1928, and from 1929-1943, he was the senior hydraulics engineer for the Corps of Engineers in Portland, where he did basin studies of most of the Columbia Basin. He determined where the ultimate dams would be placed along the Columbia and Willamette Rivers. Harold was a senior engineer for the construction of the Bonneville Dam and Powerhouse. He also had been an engineer for electric railways from 1909-11, and obtained a patent on a threshing machine in 1899. He was in Nome, Alaska for some time in 1925 & 1926. There are 7 ft. of his records at the University of Oregon, including diaries. He died in Portland. (biography) See OR GLO Surveyors for the maintained version of this information.</p>
Rasor, Clarence McAniffe	Mineral Surveys	1895	USDMS	yes		Buried in Mountain View Cemetery, San Bernadino, California	photo	1873-1946	<p>Born in Ohio, Clarence was living at home there in 1880. He showed up in Lemhi county, Idaho by 1895 when he surveyed four Mining Claims in the Yellow Jacket Mining District in Lemhi County. Clarence was a civil engineer in San Bernadino, California in 1900, married Kathryn "Kate" Teresa Harrington in about 1906, and they had their first son in San Bernadino, California in 1907.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									They were in Los Angeles by 1910, where Clarence was a civil engineer. Kate had two more children in 1912 and 1914 in California, but died there in 1916. Clarence was a civil engineer for the Tonopah & Tidewater RR in 1917 and received a passport to travel to Mexico in 1918 as a mining engineer. His mother and a niece were living with his family in 1920 in Los Angeles, helping to care for the children when he was a civil engineer for Pacific Borax Company. His daughter died while he was living in Los Angeles in 1920. Clarence assigned a patent to Pacific Borax in 1925, was a civil engineer for them Los Angeles in 1930, and died there in 1946.
Ray, Nathaniel C.	Mineral Survey	1889	Rep Dem USDMS	photo	yes, at New Haven Museum, Connecticut	Buried at Oak Grove Cemetery, New Haven Connecticut with his parents and siblings.	photo	1858-1917	Member ASCE. Born in Massachusetts the son of the Treasurer of the Northhampton RR, Nathaniel moved with his family to New Haven Connecticut in 1867 and graduated from the Yale Scheffield Scientific School in 1877 in Civil Engineering. He pursued railroad construction engineering, including the UPRR out of Omaha, until 1882 when he ended up in Butte Montana where he was a mining engineer.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>While there, Nathaniel surveyed Mineral Survey 789 in the Pend Oreille Mining District in 1889. Nathaniel married Adelaide May Smith in New Haven Connecticut in 1885, and they had one daughter that died as a baby. Some of his clients were business men having mining interests in California, and by 1892 he moved to San Francisco to represent them. in 1902 he was the manager of the Merced Gold Mining Company in Coulterville. At that time, he proposed a RR from Merced, up the Merced River, into future Yosemite Park, called the Yosemite Valley RR. Nathaniel became the engineer for the RR, the construction engineer, and the consulting engineer after it was completed.</p>
									<p>Nathaniel served in the California House of Representatives from 1900-1902 as a Democrat, even though he had previously been a Republican. The California Earthquake in 1906 removed him from his office and residence, and he moved to Merced. He became a senior engineer with the Interstate Commerce Commission in 1915 and died in California in 1917, but is buried with his parents and siblings back in New Haven. He sent regular letters to his spinster sister, Anna Chapin Ray, from the time he graduated from Yale until his death, and they are available at the New Haven Museum.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Reaburn, DeWitt Lee	Special Instructions	1897	Comp USS	yes	yes, from Sunset	Buried in Forest Lawn Memorial Park, Glendale, California	photo	1871-1961	CA PE 172. Born in West Virginia, DeWitt attended the University of Illinois in 1894-95, the University of Washington in 1896-97, and indicated in the 1940 census that he had attended college for 2 years. Samuel S. Gannett was contracted to survey the East Boundary of Idaho, North of the Bitterroot Mountains, in the very Northern Panhandle in 1897. He used E. T. Perkins as his assistant and DeWitt as the transitman. They created a new Latitude Monument in Spokane and triangulated the 70+ miles to the East and North to control the survey.
									They had created a network in 1897 by the time the snow fell, and they quit for the winter, with Gannett going to San Francisco to calculate the results by least squares. The next year in June, they returned with Perkins finishing the triangulation, and DeWitt beginning the random line North to the Border. The crew finished that line in late October in 2 1/2 feet of snow, barely avoiding being snowed in. The 72 miles of line across the Cabinet Mountains covered 63,00 vertical feet. The line was marked by Dewitt as a U. S. Surveyor on his own in the third season in 1899 with the total budget being \$7650.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>DeWitt was assigned to surveys in Alaska in 1900, with surveys first at Seward, then at the Arctic Circle, and then in the Mt. McKinley Region of Alaska in 1902 with Alfred H. Brooks, where he made an 800 mile pack train journey. DeWitt served as a topographer on the U. S/Canada Boundary in 1903 and married Helen Maude Lightfoot in Washington, D. C. in 1904, who was an active artist. She continued the art into Alaska and then later to California. DeWitt was a topographer in Klamath Falls, Oregon in 1905, and a civil engineer in California in 1910.</p>
									<p>While there he surveyed for the great Los Angeles Aqueduct and went to Argentina for eight months to lay out a transcontinental line to the summit of the Andes. DeWitt was named as the Superintendent of Mount Rainier National Park in 1915-1919, leaving behind his surveys of the access roads to the Park after he left to be constructed after the War. He was then the Superintendent for Grand Canyon National Park from 1920-21 and supervised the construction of Mulholland Drive in Los Angeles in the 1920's. Maude died in 1928 in Los Angeles, and Dewitt was a civil engineer in construction in 1930 and 1940 in Los Angeles. He remarried to Laura Roberts in 1933 in Los Angeles and is the namesake of Mount Reaburn in the Alaska Panhandle. DeWitt died in Los Angeles in 1961.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Redway, Auren Grinnel	Clerk	1871	Dr/Clerk	yes		Buried in Pioneer Cemetery, Boise, Idaho	photo Gps of tombstone from Cemetery Records: 43°26'40.11" 116°11'19.80" ± 10 ft.	1835-1900	Born in New York the son of a farmer, Auren married Mary Ann Outerson in New York in 1856, and they had three children, including William Harvey Redway and Elizabeth Charlotte Redway. He was in Pennsylvania in 1858, New York in 1860, Washington State in 1851, and arrived in Boise, Idaho by 1865. Auren was a store keeper in Boise in 1870, and in 1871 he worked briefly for Surveyor General Lafayette Cartee in Boise as a Transcribing Clerk. Auren was a bookkeeper for 1st National Bank in Boise in 1880 and its Cashier in 1891. He died in Boise in 1900.
Redway, Elizabeth Charlotte "Lizzie"	Clerk	1893	Dr/Clerk			Interred in Christs Episcopal Church Columbarium, Tacoma, Washington	photo	1865-1958	Born in Idaho, the sister of Clerk William Harvey Redway and the daughter of Clerk Auren Grinnel Redway, Elizabeth was noted as a Transcribing Clerk in the Surveyor General's Office of Willis H. Pettit in 1893 when she was replaced by Charles A. Paynton. She was a 35-year-old single school teacher in Boise in 1900, with her widowed mother living with her and worked as a secretary in a business in 1910 in Boise. Elizabeth moved to Sioux Falls, South Dakota by 1920-22, where she was again a teacher. She lived in Tacoma, Washington from 1930 to when she died in 1958, and worked as a school teacher until at least 1940. She never married.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Redway, William Harvey	Clerk	1875	Dr/Clerk			Buried in Canyon Hill Cemetery, Caldwell, Idaho	photo	1858-1939	Born in Pennsylvania the son of Auren Grinnel Redway, William moved with his family to Washington State in 1861 and then settled in Boise, Idaho by 1865. He was a temporary Transcribing Clerk for Surveyor General Lafayette Cartee in 1865 at age 17 and married Edith Jacobs in 1881, siring four daughters. William was a merchant in Caldwell, Idaho in 1900, and retired there in 1910 and 1930. Edith died in Caldwell in 1938 and William in San Francisco in 1939.
Reeves, Rollin Joseph	Special Instructions from WA S. G. (with Ezra L. Smith and Charles S. Denison) (6/6/1873)	1873	Rep USDS	see Denny DeMeyer	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/reevesrollinjbio.pdf	Died at Normal Heights, near San Diego, CA. Remains cremated		1846-1918	Rollin was born and educated in Iowa until age 14, when he moved to Chicago for high school. He attended the University of Michigan, graduating in civil engineering in 1868. He worked for the Cairo Vincennes & Indianapolis RR for a year and then travelled Europe with a schoolmate for a year, possibly Emmett Espy. He received a Contract in Minnesota in 1870 for a few miles of State Line, a fractional township, and the 7th Standard Parallel.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He then received a Joint Contract in Washington in 1872 with Ezra L. Smith, the then Speaker of the House. Although Smith was present, it appears that Rollin was the surveyor for nearly all of their work, since Smith had no survey experience. They extended the 5th Standard Parallel West 90 miles through Ranges 30-16E, across the heart of Eastern Washington, South of Ephrata, across the Columbia, ending near Cle Elem. Of the 11 townships included, only 3 around Ellensburg were surveyed. Hometown schoolmate of Rollin, Emmett Espy, was a compassman for part of the work. Before they finished in 1873, Reeves and Smith were awarded the survey of the Washington/Idaho Boundary, North of the confluence of the Clearwater and Snake Rivers, and they moved on to prepare. Rollin and Ezra were both residents of Olympia at that time.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Their first choice for astronomer, a classmate from Michigan, took another position, and they hired young Charles Denison from the University of Michigan. Espy was a chainman, and several of the previous year's crew were included. Rollin spent two weeks determining the confluence, including mapping and floating kegs, and set a stone pillar on the North bank. The party of 18 with 45 horses headed North using a solar compass, setting posts every mile. They proceeded until October when they reached the mountains, with slow going. Their provisions were nearly exhausted, and a foot of snow hampered their progress. With only a little flour left, biscuits were baked from the final flour, and a final push for the Canadian Border was made.</p>
									<p>They did not find it, and set a monument about a half mile shy. After returning to Olympia, it was found that that portion of the International boundary was not surveyed or marked. After the State Line survey, Reeves and Smith received Contract 194 in 1874 for 5 townships on the Palouse River Northeast of Washtucna. They shared the work, and Smith was recorded as the Deputy for 2 townships.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Rhodes, Josephine Amelia Miss	Clerk	1901	Dr/Clerk			Buried in Glenn Rest Cemetery, Glenns Ferry, Idaho	photo	1876-1929	Born in Nevada the daughter of a school teacher, Josephine was a typewriter in Reno, Nevada in 1900. She was appointed a typewriter in the Surveyor General's Office of Joseph Perrault in 1901 and married Walter G. Corker in Ada County in 1902. They lived in Glenns Ferry, Idaho in 1910, and Josephine was a Clerk for the School Board in Glenns Ferry in 1920. She died there in 1929 of breast cancer.
Rhoades, Samuel Gray	Dr/Clerk	1887	Dr/Clerk USDS USDMS		yes, from obituary	Buried in Mountain "View Cemetery, Mountain Home, Idaho	photo	1844-1912	ID PLS. Samuel was born in the West Indies where his parents were living. He attended a boys school in Maine and completed a college course at Bowdoin College in Maine. He went to sea as a Master of sailing ships, sailed around the world, and made many trips to Africa. That ended in 1869 and he went to Chicago to study civil engineering. He married Electra Emaline Jackson in 1868, and they had three daughters. He went to Denver about 1880 and was appointed a U. S. Deputy Mineral Surveyor.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Samuel moved on to Idaho in about 1885 and served five years in the Surveyor General's Office as a Draftsman, beginning in 1887. He began receiving Contracts in 1888 in Idaho with Contract 122 for 18 townships Northeast of Weiser. He surveyed the townsite of Pocatello in 1888 under Special Instructions. A Joint Contract with Oscar Sonnenkalb in 1890 for 22 townships required Samuel to return in 1892 to resurvey T8N R22E. A Joint Contract with John Long in the same year included 20 townships and a Standard Parallel near the East State Line.</p>
									<p>Two Contracts on his own in 1891 and 1893 for 31 townships were scattered around Southern Idaho. Four Joint Contracts from 1893-98 with William B. Kimmell in Southwestern Idaho included 57 townships with at least two resurveys. He was bonded as a U. S. Deputy Mineral Surveyor in Idaho in 1901. Samuel settled down in Mountain Home, Idaho, and was elected as Elmore County Surveyor for 19 years. Samuel died in 1912 of internal injuries he received on the job while holding the Office of County Surveyor.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Riblet, Byron Christian "BC"	Mineral Surveys	1904	USDMS	see Jerry Olson	See Jerry Olson, from web, Go To: <a href="http://www.ols
onengr.com/do
wnload/globios
/ribletbyronci
o.pdf">http://www.ols onengr.com/do wnload/globios /ribletbyronci o.pdf	Died in Spokane, (2010) his remains are "on the shelf" at the warehouse at Fairmont Memorial Park, where they are unclaimed, along with the remains of his wife and daughter	No marker or tombstone exists. (2010) Since this was discovered, LSAW and Jim McElfresh have managed to get Byron and his family buried with a marker at Fairmont.	1865-1952	Member ASCE. Byron was born in Iowa and pursued his education there, until attending the University of Minnesota where he graduated with a degree in Civil Engineering in 1885. For 3 years he worked in engineering work for RR's in Minnesota and Spokane. From 1888-89, he was with George Jones and then worked on the RR to Wallace, ID. Byron operated within Riblet and Strack from 1889-92, in general engineering work, also designing several electric RR's. In 1890-91, also with John Strack, he surveyed 5 Mining Claims in the Chewelah and Summit Mining Districts out of Spokane. Byron married Hallie Chapman in 1893, the granddaughter of William W. Chapman. He had the following engineering engagements: 1889-1892, electric railways in Spokane for Washington Water Power Co.; 1893-95, designing a dam and the pumping plant on the Spokane River; 1895-96, 60 miles of canal for the Kittitas Irrigation Company; 1896-97, Noble Five Mining Company at the Sandon, B. C. power plant and his first tramway; and 1898-99, Last Chance Mining Company tramway. From 1899-1903, he was engaged designing about thirty aerial tramways in Wyoming, Peru, B. C., Alaska, and in the Northwest.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>There were at least three in Idaho: Snowstorm Mine at Mullen in 1904; Silver Cup Mine at Cottonwood; and for the Hypotheek mill at Enaville. Riblet Tramway Company continued until the depression in 1931 and then struggled. Byron had filed patents on important items like the connection to the cable and self dumping buckets. Byron brought back ex-employee Carl Hansen who convinced Byron to design ski lifts, beginning with the "Magic Mile" at Mt. Hood in 1938, and early lifts at Donner Summit, CA, in 1939, Mt Hood Ski Bowl, 1948, Ski Acres, 1949, and Hoo Doo Bowl, 1950. Riblet Tramway Co. installed chairlifts at Mt. Baker, White Pass, Stevens Pass, Mt Spokane, Spokane Expo 1974, and at 400 other ski areas throughout the country</p>
									<p>In the face of expanding business, Byron brought his brother Walter in to run an office in Nelson, B. C., and his younger brother, Royal, was recruited from his bicycle shop in Aberdeen to run the foundry. Byron built an 11-room mansion on the Little Spokane River that burned in 1933. From that home, he had entertained high society, including the U. S. Senator. He exhibited a temper and obstinacy at times by resisting traffic control and blocking a railroad with his car.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He gave Royal 40 per cent of the stock, and then when he found that Royal had allegedly taken money from the foundry in 1933, fired him. They did not speak again in the 29 years that Byron lived. Byron had a drinking problem that contributed to his lack of involvement in Riblet Tramways in later years, and even went on binges for several days. Royal founded a competing company that falsely claimed to have designed the tramways and invented the patents, but failed in the design of its largest project.</p>
									<p>Byron had spent most of the money he made, and Royal built a large house on a lava cliff overlooking Spokane in 1927 with a yard checkerboard, miniature golf course, swimming pool, private airstrip, and a tramway to the Spokane River. He married several times and relished the limelight. Byron died in 1952, his wife in 1959, and his daughter Josephine some time later. They were all cremated at Fairmont Crematory, but no one claimed the cremains. They are all "on the shelf" at Fairmont in the warehouse to this day, probably a continuation of the family feud. (In 2022, LSAW and Jim McElfresh managed to get them all buried with markers at Fairmont.) (biography)</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Riblett, Frank	Contract 135	1892	Rep USDS USDMS	yes	yes, from Idaho, Deluxe Supplement, 1920.	Buried in Pleasant Hill Cemetery, Albion, Idaho	photo	1854-1936	ID PLS and PE 40. Born in Illinois the son of a horticulturalist, Frank lived with his parents in Hollis Township, Illinois in 1860. He attended Alexandria College and came to Idaho in 1875 where he taught school for at least four years. He surveyed his first canal and reservoir in 1881 on what would be the Minidoka Project and continued at that for many years. He married Dora C. Long in Idaho in 1884, and they had two sons that died as toddlers.
									Frank was the County Surveyor of Cassia County, Idaho in 1879 and lived in Albion, Cassia County, Idaho in 1891. He received Contract 135 in 1891 for 60 townships South of Jerome. He followed that with two Joint Contracts in 1893 with Fred J. Mills for 53 townships, a Standard Parallel and a Guide Meridian, scattered across Southern Idaho. Contract 167 on his own was for three townships North of Orofino in 1895. Frank enlisted in the Spanish American War in 1898 and served in the Philippines for a year before returning home. Frank was reelected County Surveyor in November 1898, even though he was off serving in the Philippines. Frank and Dora divorced before 1900.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Frank was bonded as a U. S. Deputy Mineral Surveyor in 1881 and again in 1901 and followed up with four Mineral Surveys in Cassia County in 1901-02. He was elected in 1902 for the 1903 Session of the State Legislature and then appointed to be State Water Commissioner in where he served until 1907. He again served in Legislature in 1908-09. In 1911 Frank was appointed United States Commissioner and served until at least 1920. He was a Republican and served in positions of leadership within the party. Frank operated a Ranch at Burley and another at Doco.
Richards, Alonzo Van Ness "Lon"	Special Instructions	1873	USS Astr	yes		Buried in Linwood Cemetery, Dubuque, Iowa	photo	1841-1891	Born in Illinois the son of a cooper, Alonzo was still with his family and in school in Hazel Green, Wisconsin in 1860. He had attended enough college to become familiar with Algebra, Geometry and Philosophy. He enlisted in the war in 1861 in the Signal Corp and was promoted to Sergeant in 1863. Alonzo took the exam for becoming a Lieutenant in 1864 and passed, but did not get his commission until 1865.
									In the Summer of 1865, Alonzo was transferred to the staff of General Conner to fight Indians at Powder River, and at the end of the year, he was discharged at Fort Leavenworth. While in the Army, he was engaged in several battles, including Antietam. Alonzo married Flora Lorinda Miner in 1867 in Galena, Illinois and was in the insurance business in Galena from 1867-72. In 1868-69 they were living in the home of Ulysses S. Grant in

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Alonzo received a Contract from the Commissioner of the GLO in May, 1873 to survey the South and West Boundaries of Wyoming. Ulysses S. Grant was still President, which probably helped him to get the Contract. His 13 man crew included: Augustus MacConnel, a little known astronomer from the Cambridge Observatory at Harvard; his brother William, an experienced GLO Surveyor who did most of the line running as Assistant Surveyor; and Porter P. Wheaton, the Topographer. Alonzo had unknown survey experience, but finished the survey in 1873-74, ending just before the snow. The line traversed the Western fringe of the Teton Mountains..</p>
									<p>He was the owner and editor of the Freeport Journal in Freeport Illinois from 1875-81, living with his wife and four children. In about 1882, Alonzo moved to Dubuque, Iowa where he entered the jewelry business under the name of Richards and Rose. He again moved in 1890 to Chicago, where he was identified with the long distance telephone industry, and died in 1891. Alonzo alone/and/or his brother William, were the namesake of Mount Richards on the Idaho/Wyoming line.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Richards, John R.	Chief Clerk	1891	Rep Ch Clerk			#REF!			<p>Born in Pennsylvania, John first showed up in Idaho as the Clerk in the Fort Hall Indian Reservation in 1881, appointed in Iowa. He was still there in 1892, but was the Acting Superintendent that ratified the Treaty with the Shoshone and Bannock Indian Tribes and produced 256 signatures, all witnessed by John. John was named Chief Clerk in the Surveyor General's Office of Willis Pettit in 1891 and stayed at that an unknown length of time.</p>
									<p>John incorporated the Boise Mining Company in 1893 and joined in surveying the Bedrock Flume near Boise about the same time. John was the Clerk to the U. S. Marshal in Boise in at least 1894-95 as a Republican in a Democrat regime. He was in Shoshone, Idaho in 1896 when he married Mrs. Sarah O. Newton, a Shoshone resident from Denver, Colorado. He moved in 1897 after he accepted a position as a bookkeeper of a Moscow, Idaho firm. He may have been a resident of Spanish Town in Boise in 1900 or a good seeker in Rocky Bar in 1900. That is the last of John at this time. There is no birth date or place or death date yet to be identified.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Richards, William Alford	Special Instructions (as Asnt Surveyor to Alonzo V. Richards)	1873	Comp S G of WY Comm	yes	yes, from WyoHistory.org	Died in Australia, buried in Lakeview Cemetery, Cheyenne, Wyoming	photo	1849-1912	<p>Born in Wisconsin, the son of a cooper and the brother of Alonzo V. Richards, William lived at home until 1869 when he moved to Omaha, Nebraska. He obtained a job as a crewman on a GLO survey crew, and while studying law eventually worked up to where he had Contracts on his own in 1871 His brother Alvord received a Contract from the Commissioner in 1873 to survey the Southern and Western Boundary of Wyoming, and he asked William if he would be his Assistant.</p> <p>There were 13 men in the crew, including William, an Astronomer and a Topographer. They surveyed the Southern Boundary of Wyoming in 1873, ending at the Southwest Corner Alonzo gave William the Western Boundary to do in 1874, and it was tough country, going over the Cabinet Mountains and the Western slopes of the Tetons. At the Southeast corner of Idaho they found the monument set by Daniel Majors to be about 3700 feet too far East and set a new point. The crossing of the Salt and Snake Rivers proved to be an almost unsurmountable challenge. All the men, their equipment, supplies and the pack mules needed to get across. William kept a diary of all of this boundary survey that makes interesting reading. He had a nice writing style. One mule tipped over backwards, summersaulted down the steep hill and ended up in a creek on top of its pack, thus saving it from injury.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>They crossed right over one of the mountains, and named it "Richards Peak". Alonzo and the astronomer had been doing observations to determine the Northwest Corner of Wyoming and were done when William and crew got there. They set a vertical log for the State Corner, 15" in diameter, that was still there in a resurvey in 1958. After finishing the survey late in the fall, William went to Oakland, California where he married Harriet Alice Hunt, a Nebraska girl. They stayed in California through 1880 when he was Santa Clara County Surveyor. between 1880-85, he was in Colorado, where he was a County Surveyor and Colorado Springs City Engineer.</p>
									<p>William homesteaded in the Bighorn Basin in Wyoming in 1885, where he eventually patented 160 acres. The family loved the ranch, but the kids needed schooling. He was named the Surveyor General of Wyoming in 1889 and moved to Cheyenne. He was elected Governor of Wyoming in 1892, and at the end of his term was appointed Assistant Commissioner of the General Land Office in Washington, D. C. Teddy Roosevelt appointed him Commissioner in 1903 and he served until 1907, when ill health forced him to move back to his ranch.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Harriett had died in Washington D. C. in 1903, and he was alone with his youngest daughter Edna in 1910 in Cheyenne. Edna married surveyor Thomas W. Jenkins in Pueblo, Colorado in May, 1911. They came to Colorado to run William's ranch, but were both found murdered there in September 1911. The original verdict of the coroner's jury was suicide, but after William returned from a hunting trip to investigate, he uncovered evidence that showed that in fact that it was murder. Now all alone in Wyoming, William travelled to Australia to begin a new life, but soon died there in 1912. His diaries kept on the Idaho/Wyoming survey are at the Wyoming State Archives, Cheyenne, Wyoming
Richardson, J. Albert	Mineral Surveys	1883	USDMS						J. Albert Richardson first showed up in Boise as the County Surveyor of Boise County in 1882. The Idaho Weekly Statesman noted him as having a large experience in railroad work in Washington, mining surveying in California, and in land surveying in Government Surveys. Albert surveyed 14 Mineral Surveys in Idaho between October, 1883 and March of 1886. Almost all were in Boise County, just North of Boise. He was described as the Engineer in Charge of the Indian Valley Irrigation Canal in 1883.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Riddell, Clyde Wellington	Contract 247 (with Homer D. Angell)	1904	USDS	See Jerry Olson		Buried at Two Rock Presbyterian Cemetery, Two Rock, Sonoma, CA in the family plot of his daughter. His wife, Jessie, is buried in Parkhill Cemetery, Vancouver, Washington	See Jerry Olson Gps of gravestone by Jerry Olson from Google Earth: 122°46'46.7" 122°46'46.1" ± 15 ft.	1879-1959	OR PE 933. Clyde was born at Oakville, OR, but moved with his family to a farm near The Dalles in 1881. He was the brother of George X. Riddell and graduated from the University of Oregon in 1905. He worked a clerk in the Post Office at The Dalles in 1900, and after working as a chainman for Homer Angell in 1904, he then surveyed 3 Joint Contracts in WA, plus at least another in ID, with Homer. Homer, along with the Campbells and Robert Omeg, grew up near the Dalles.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Homer surveyed all of the 3 Joint Contracts in Washington. Clyde's brothers graduated from the University of Oregon, and Clyde played on the Oregon football team in 1900 along with Homer. Clyde surveyed 3 townships and 69 Mining Claims near Mt. St. Helens in 1906, with some help from brother George. This work was examined 4 times in 1907-08 and suspended before being accepted. The work before 1909 was supposedly part of a partnership with Frank Rhodes. The arrangement ended in 1909 with accusations and a lawsuit over money. His last Contract was Joint Contract 663 with George for one township at Husum and 5 townships in very Northeastern Washington. From 1909-1913 it was examined by 5 different examiners, with somewhat unknown results.</p>
									<p>Lincoln Wilkes in 1911 noted several errors requiring field corrections, including errors in chaining, and not finding an original corner. The official notes are those surveyed in April, 1909, with notes about corrections that refer to letters by Clyde Riddell and Fred Rase. Other examiners were M. P. McCoy, W. H. Thorn, W. M. Chubb, and F. W. Rase. A Senator was involved, but field corrections were made. From at least 1906-1912, Clyde had an office in Portland as a civil and mining engineer, including a time in 1907 where he was partners with C. Frank Rhodes.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Riem, Frederick Lawrence	Contract 208 (with Robert C. Bonser)	1899	USDS			Died in Bremerton, Washington		1878-1954	<p>Born in Wisconsin, Fred attended 8 years of school, and was in Oregon by 1900 when he was living with his mother, listed as a surveyor's assistant. He had received Joint Contract 278 with Oregon Surveyor Robert C. Bonser, many years his senior. They used Fred's younger brother, Oswald, as a chainman. It was for five townships in the very Northern Panhandle of Idaho, and they shared the work. He married Sarah A. Tatlow in Portland in 1902, but that is the last record of her. In 1910, Fred was living alone as a roomer and worked in a sawmill in Portland.</p> <p>By 1920, he was single and an edgerman in a sawmill in Raymond, Washington. He was the same in 1930 in Newport, Oregon and in 1940 in Preston, Washington, except for his marriage to a woman named Bessie from Portland by 1940. Fred applied for Social Security in 1945, was living in Portland in 1950, and died in</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Rinearson, Abraham Lewis	Contract 54	1874	USDS Comp USDMS Dr/Clerk			Buried in Jarbidge Cemetery, Jarbidge Nevada, No Marker	No Marker	1851-1930	<p>ID PLS 147. Abraham was born in Oregon, the oldest child of an early immigrant that had settled in Gladstone. He was still attending school at age 18 in 1870. He was hired as compassman for John D. Crawford for Contract 196 West of Ontario in 1873, probably because John was in the Legislature and had no survey experience. A subsequent resurvey noted it was done by a conscientious surveyor. Abraham was a surveyor in Boise by 1874 when he received his first Contract from the Idaho Surveyor General, LaFayette Cartee, originally a Deputy Surveyor from Oregon. Abraham was awarded another Contract in 1875, South of Boise, and was loosely affiliated with Deputy Surveyor Allan Thompson on that survey.</p> <p>Abraham was bonded as a U. S. Deputy Mineral Surveyor in Idaho by 1877 and completed 16 Mineral surveys in Idaho from 1880-1908, Containing 32 Mining Claims. He was the Mineral Draftsman in the Idaho Surveyor General's Office of William P. Chandler in 1882. Abraham married 14-year-old Martha Ellen "Mattie" Minor in Horseshoe Bend in 1882, and they had three children. He successfully sued Mattie for divorce in 1889. Mattie remarried a month later to Joseph Robbins in Boise County, but she died four years later after one child.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He drew a map of a 150,000 acre irrigation project out of the Payette River to irrigate lands near Boise City. Abraham remarried to Anna Woodland in 1892, by whom he had a daughter. He ran frequently as a Republican candidate for Boise County Surveyor, and served from at least 1888-92. He built a bridge across the Payette River at Horseshoe Bend in 1894. The Surveyor General awarded him at least two more Contracts in Idaho, one in 1892 for 13 townships North of Boise and another for Contract 233 with 9 townships North of Boise in 1901.</p>
									<p>Abraham was a civil engineer in Horseshoe Bend, Idaho in 1900, and in 1903 he began a series of seven courses in Metal Mining through International Correspondence Schools, completing all. He ran again for County Surveyor of Boise County in 1908, was a civil engineer in Boise City in 1910 and was a surveyor in Jarbidge, Nevada in 1910. Anna and their daughter stayed in Boise. He was a divorced mining engineer in Jarbidge in 1920, the same year he filed a plat of the town. It was noted that the plat was based on a survey by his son Albert.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Robb, Bamford Albert Jr.	Chief Clerk	1897	Rep Ch Clerk			Buried in Queen Anne Columbarium, Seattle, Washington		1872-1916	Deputy Surveyor Bamford Robb Sr. was born in Athens, Ohio and attended a Presbyterian College at Athens, Ohio. He married Maria Jane Eckelson, the daughter of Deputy Surveyor A. O. Eckelson, in Ohio in 1858, and was in Jacksonville, Oregon in 1872 when Bamford Jr. was born. The family was in Stockton, California from about 1875-78, and Maria died in 1878 in California. The remaining family was in Portland by 1880. Bamford Jr. attended the University of Oregon Law School and graduated from Yale Law School in 1893.
									He practiced law in Portland before moving to Idaho in 1895. He then practiced law there before being appointed Chief Clerk in the Idaho Surveyor General's Office of Joseph Perrault from 1897-1902. While in that position, he participated in collecting money from the employees to give to the Republican Party in about 1901. A Civil Service complaint was filed, and he resigned.. Perrault's term ended in 1902. Bamford Jr. served as judge advocate general for the Idaho State Militia from 1895-1902. He then went to Tacoma briefly before settling in Seattle. He married Mary Birney Sherman in Boise in 1903. He practiced law in Seattle before dying from a fall out the eighth story window of a Seattle office building, either by accident or suicide.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Robb, James Howard	Contract 180 (with Herman D. Gradon)	1897	USDS			Buried in River View Cemetery, Portland, Oregon	photo	1868-1945	Member ASCE. Born in Oregon the son of a trucker, James was living in Forest Grove, Oregon with his parents in 1880 and attended two years of high school only, per the 1940 census. He was living with his parents in Tacoma, Washington in 1887, listed as an engineer. John was living in Colfax, Washington in 1893, probably for a RR. He received two Joint Contrsacts with Oregon Surveyor, Herman Gradon, in Idaho in 1897, one for 20 townships within the ceded lands on the Nez Perce Reservation and the other for ten townships Northeast of Weiser.
									John received a Contract on his own in 1899 for nine townships Northeast of Weiser. He teamed up with another Oregon Surveyor, Robert C. Bonser, in 1901 for six townships and a Standard Parallel Northeast of Orofino, paid for with RR Special Deposits.. He had one more Joint Contract with Herman Gradon in 1903 for five townships Northeast of Orofino and one Northeast of Weiser. His second Contract with Gradon and his own Contract were examined by Surveyors authorized by Washington, D. C.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He was Division Engineer at Tekoa Washington for OR&N RR in 1905 and while in the same position in 1907 was arrested for a safety infraction for a switch on the track. At some time John switched to UPRR and was stationed in Spokane in 1910 and married Sarah Emma Trumbo there in 1911. They had no children. He was Division Engineer for UPRR in Spokane in 1920 and an engineer for a RR in 1930, again in Spokane. John was retired in Portland, Oregon in 1940 and died there in 1945.
Robinson, Amos Dean "Dean"	Special Instructions	1890	USDS USDMS	yes		Fairmount Memorial Park, Spokane	photo	1861-1942	Born in Iowa the son of an attorney, Dean was a student in Iowa in 1880 and attended Iowa State College in Engineering for four years. He married Maude Swan Herrick Smith in 1883, who was a school teacher with three years of college. They had three children and lived in Rathdrum, Idaho by 1885. Dean was reported as an active Mineral Surveyor in Idaho in 1891, although there is only one final survey of his in the records..

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									His first survey was actually in both Montana and Idaho in 1890 by Special Instructions, looking for timber deprivations on federal land within the checkerboard ownership pattern with NPRR. Dean surveyed the townsites of Eaton in 1892 and Bonnersport in 1895. From 1892-1894, Dean received four Contracts in the Northern Idaho Panhandle, including a Joint Contract with James E. Dike, totalling about 55 townships. In addition, there were sections of four Standard Parallels. They shared the work and mostly both signed the oaths. Dean was a civil engineer in Rialto, California in 1898 and a grocer in Spokane in 1900, although he continued as an engineer in Spokane until near the time he died, including a position in the City Surveyors office in 1900.
Robinson, Aubrey Ewing	Mineral Surveys	1907	USDMS	yes	yes, from obituary	Died in Salt Lake City, buried in	photo	1877-1958	
Rodgers, Myron Knox	Mineral Surveys	1891	USDMS	yes	yes, from obituary and from 1913 Who's Who	Buried in Washington Cemetery, Wilkinsburg, Pennsylvania	photo	1861-1917	Member ASME, AIME. Born in Pennsylvania the son of a farmer, Myron graduated from Washington and Jefferson College in 1886 with honors, and immediately went to Helena, Montana where he began surveying for GNR, working up to Assistant Engineer. Marcus was listed as an active mineral surveyor in Idaho in 1891 and married Lucy Forshee Joyner in Helena in 1892, the daughter of a mill owner.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He was Chief Engineer for Anaconda Copper company and being noticed by Marcus Daly, the owner, was sent him all over the world looking a potential mines. While walking down the street in Vancouver, B. C., Myron noticed some ore samples in a store window, He inquired, examined them, and soon went to the source. It was in Southern B. C., 150 miles from the nearest RR, and 40 miles back on a trail. The prospects were very good, and Daly ultimately gave him \$850,000 to develop the mine, to be known as the Nickel Plate Gold mine. Improvements included a reduction plant, stamp mill, concentrating plant, cyanide plant, office, assay office, and a hydroelectric plant. There was also an electric ore cart road, a three mile flume, and a two mile tramway. His engineer, younger brother Wesley, did much of the engineering on the site. Daly died in 1902 and Myron went on to discover the Grandby Copper Mine in Northern B. C.</p>
									<p>In 1905, Myron was in New York City and was hired by the Guggenheim Family to take care of their interests in Alaska, namely the Bering River Coal Field. He again hired his brother Wesley to do the engineering. Myron chose Katalla, Alaska and nearby Palm Point as the place to make a deep water port for the terminus of a RR to the coal fields. They made significant improvements including a 200 ft stone breakwater. A severe storm in 1907 destroyed the breakwater and many of the improvements, including some of the RR.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Myron and the Guggenheims parted ways shortly thereafter, and they hired Michael Heney as their representative to build the RR to not only the Bering Coal Fields, but the Kennecott Copper Mines, also owned by the Guggenheims. Oregon and Washington USDS Albert Oneel was the steel bridge Superintendent for the bridges on that project, including the "Million Dollar Bridge" over the Copper River at Miles and Childs Glaciers. Myron sued the Marcus Daly estate for \$1,000,000 in 1908 for his 25% share of the Nickel Plate Mine. Myron was sued by Thomas Hedges, the money behind Daly, for \$21-03,000 in 1911 for not spending all the money he was given. He returned to Seattle by 1910 to travel to Mexico to inspect several mining properties. He was in Los Angeles in 1915-16, but returned to Pennsylvania to die in 1917.
Ronan, Peter	Special Instructions	1892	IAA	yes	yes, from obituary	Buried in Saint Mary Cemetery, Missoula, Montana	photo	1838-1901	Born in Nova Scotia, Peter came to the U. S. with his parents, and married Mary Catherine "Molly" Sheehan in California in 1852. They had ten children. He was a bar keeper in Kansas in 1860, but was soon in Montana in Bannack, then Alder Gulch, and then Virginia City. Peter was one of the publishers of the Rocky Mountain Gazette in Helena before being appointed the Indian Agent for the Flathead Reservation in Northwestern Montana in about 1877. He returned to Pennsylvania and died there in 1917.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Peter moved to the Agency with his young wife and young children, and excelled at the job, which was usually just a political plum. He was reappointed across administrations and loved by the Indians. The settlers admired him for keeping the peace and tranquillity. Peter was the Allotting Agent for the Kootenai Indians at Bonners Ferry, Idaho for 22 allotments. in 1892. Peter died at the Agency in 1893 of a heart attack, and the Indians carried his casket to Missoula for burial. Peter is the namesake of Ronan, Montana, Mount Ronan in the Mission Mountains, Montana, and Ronan Creek near Ronan, and Mary is the namesake of Mary Ronan Lake in Montana. He published a book in 1890 on the Flathead Indian Reservation, and there is a biography of Mary called "Girl from the Gulches". Peter also bestowed the unique official middle name on his last son and tenth child, Peter Rankin Chachamaskachickalkloostas Ronan.</p>
Rothwell, Peter D.	Clerk	1872	Dem Dr/Clerk	yes	yes, from Sketches of Colorado, Volume 1	Buried in Fairmont Cemetery, Denver, Colorado	photo	1849-1927	<p>Born in Ontario, Canada, the son of a brick maker, Peter was teaching school at 15 and graduated from the Toronto Normal School in 1867, He taught in Ontario for five years before being named the head of the St. Michael Parish School in Boise, Idaho in 1871. Peter worked as a Clerk in the Surveyor General's Office of Lafayette Cartee for five days in 1871.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Peter worked his vacations surveying, and saved his money, intending to go to Medical School. At the time he was to begin that, he discovered that the enterprise he invested his saving is was bankrupt, and he obtained a job teaching in Baker City, Oregon and mined during his vacations. He went back to teaching in Boise, but began studding medicine under his brother, a doctor. Peter finally entered the University of Michigan Medical School in 1879 and graduated in 1881, He moved to Denver, Colorado that year and married there in 1885 to Rosalia King and continued in Denver with a medical practice. Rosalia died in 1906 and Peter remarried to Mrs. Carrie V. Wier Houghton. At one time, he was named a Pension Examiner by Grover Cleveland., and was an organizer of Gross Medical College.</p>
Ruger, Edward	Surveyor General	1869	S G					1834-1918	<p>Born in New York, Edward moved with his family several times within New York, before moving to Janesville, Wisconsin in 1844, where his father was a home missionary to the local Episcopal Church. While there, he attended the Janesville Academy for a short time before returning to the farm. His father was the first principal of the Academy and an accomplished mathematician. He tutored Edward after school and Edward developed a love of mathematics.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Edward participated in government surveys and RR surveys over the next few years before opening an engineering office in Janesville. He was elected City Engineer of Janesville in 1859 and Rock County Surveyor in 1859. In 1861, he enlisted in the 13th Wisconsin Volunteer Infantry as a Captain, and served first in Kansas rebuilding bridges. Edward married Sarah B. Wright while on leave in 1862 in Janesville. He served under several Generals before being named the superintendent of the topographical engineering office of the Army of the Cumberland., a post he kept until April, 1869.
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Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Runner, John Albert	Mineral Surveys	1902	USDMS			Buried in Big Meadow Cemetery, Lovelock, Nevada	photo	1872-1936	Born in West Virginia, John was living with his parents in Virginia in 1880. They had moved to Colorado by 1900, where John was listed as a civil engineer. He was bonded as a U. S. Deputy Mineral Surveyor in Idaho in 1902, although there are no final surveys of record. By 1909, John was advertising as a Mining Engineer and USDMS in Lovelock, Nevada, and was still there in 1910. He was a surveyor or civil engineer in Lovelock in 1820 and 1930 and died of a heart attack just outside of town in 1936. He reported on petroglyphs in Star Canyon, Pershing County, Nevada in detail.
Russell, Charles E.	Mineral Surveys	1901	USDMS						The Surveyor General of Idaho announced in 1900 that Charles E. Russell had been appointed a U. S. Deputy Mineral Surveyor on January 1, 1900. There were no likely individuals in Idaho that went by that name at that time, but there was an engineer in Spokane in 1900 that was later listed as an architect in Spokane and died of TB there in 1913. Also there was a miner in Colorado in 1907 that was a broker and speculator of mining property. He moved to Portland, Oregon, where he was a house painter until he retired and died of a stroke in 1951 in Oregon. There also was a Mineral Surveyor in Colorado in 1896, C. A. Russell, and a C. E. Russell in Spokane on 1902. No one has been named as this individual at this time.
S, J. D.	Clerk	1906	Dr/Clerk						Initialled notes on Contract 254 by comparing them in 1906-07 in the Surveyor General's Office

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Samms, Virgil William	Surveyor General	1921	Rep S G	yes	yes from obituary	Buried in Tippycanoe Memory Gardens, West Lafayette, Indiana	photo Gps of gravestone by Jerry Olson from Billion Graves: 40°28'05.0" 86°56'11.9" ± 10 ft.	1890-1970	ID CE 141. ID PLS 416. Born in Enterprise, Oregon the son of a civil engineer and architect, Virgil was raised in Pocatello, Idaho, attended Pocatello High School and graduated from the University of Idaho in 1914 in Civil Engineering. He married Margaret N. Newman in 1918 in Pocatello, and they had at least three children and a 52 year marriage. Virgil served in the artillery in World War I as a Captain after participating in ROTC. He worked as a civil engineer in Pocatello in 1920 for the city and served as City Engineer in 1921.
									Virgil was appointed Idaho Surveyor General in 1921 and stayed in office until the position was eliminated in 1925. When he left he studied life insurance and became the Secretary of the Life Underwriters Association in Boise and the District Manager for Mutual Life Insurance Company in Boise in 1927. By 1930, Virgil was the manager of an insurance company in Chatham, New Jersey and a general agent in life insurance in Washington, Indiana in 1940.
									Virgil had remained affiliated with the Army and again served by being in the Adjutant General's Office in the South Pacific. In 1958, he moved to West Lafayette, Indiana and joined Purdue University in the technical extension division. Professor Samms retired in 1959 but did special assignments until his death in 1970.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Sams, William Braxton	Special Instructions	1907	Rep IAA		yes, from obituary	Died in Kings County, California and is buried in Evergreen Washelli Memorial Park in Seattle, Washington, Section 15.	photo	1865-1943	ID PLS 74. Born in Illinois the son of the former Lieutenant Governor of Arkansas, William married Flora Montgomery in California in 1889, and they were living in Oregon in 1892. He was the private secretary to W. B. Heyburn, an attorney and mining promoter, in Wallace, Idaho in 1897. Sams participated in some of the mining ventures and was listed as a stenographer in 1900 in LaGrande, Oregon. Heyburn was elected to the U. S. Senate from Idaho in 1904, and William remained as his private secretary in the Senate. Also included was the position of Clerk to the Committee on Manufacturers, of which the Senator was the chairman. In 1905, he received a Batchelor of Law Degree from National University.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									William was named the Indian Allotting Agent for the Coeur d'Alene Reservation in 1908 and completed over 600 allotments finishing in 1909. William was then transferred to the Fort Hall Reservation in 1910 and began their allotments, with his obituary noting that he did more. He was selling real estate in Seattle in 1920 and was the Superintendent of the Quinault Reservation at Taholah, Washington in 1922. His address was at nearby Hoquiam in 1930 as the Superintendent of an Indian Reservation. Flora died in 1933 in Seattle, and William remarried to widow Lena Berry Pennington in Vancouver, Washington in 1935. He was at the time living in Portland, Oregon and was still in the same house and retired in 1940. He died in Kings County, California in 1943 when travelling back to Seattle.
Satterlund, Hilda Mary Wenz	Clerk	1910	Dr/Clerk	yes	yes, at marriage and an obituary	Buried in Fort Meigs Cemetery, Perrysburg, Ohio, Blk D, Site 4, Lot 3	photo Gps of gravestone by Jerry Olson from Billion Graves: 41°33'16.7" 83°38'30.3" ± 20 ft.	1878-1970	Born in Bismarck, North Dakota the daughter of a Swedish Immigrant farmer, Hilda graduated from the Valley City Normal School in 1896. Her father was the Receiver in the Bismarck Land Office for at least 12 years, and she was a Clerk in the North Dakota Surveyor General's Office in 1901. Hilda served as a Clerk in Washington D. C., and in the Idaho Surveyor General's Office of Darwin Utter in 1909-1910.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Her obituary noted that she worked in the Colorado Surveyor General's Office, and that is where she met Draftsman, Edward L. Wenz, before marrying him in 1911 in Colorado Springs, Colorado. They made their home in Portland after the wedding, where Edward was a Draftsman for the Oregon Surveyor General.. By 1916 they had moved back to Edward's Home town of Perrysburg, Ohio for the birth of the first of their two daughters.</p>
									<p>Edward was surveying for the U. S. Government in 1918 at a nitrate plant in East Toledo, Ohio at the time. He was a civil engineer for the County in Perrysburg in 1920 and a surveyor and civil engineer on salary in 1930. Edward and his father were responsible for platting most of Northern Wood County. Hilda had a heart condition and had an episode in 1935. Edward rode his bicycle to the nearest phone for help and was hit and killed by an automobile. Hilda lived for 35 more years. With a nine year old daughter at home in 1930, she had no occupation, but as a widow, she was listed as a reporter for the Toledo Blade and Bowling Green Sentinel from 1934-64. Hilda died in Ohio in 1970 at age 92.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Schermerhorn, Franklyne Bowman	Special Instructions	1899	Rep USDS			Buried in Cemerio Minicipal, Rio Bamba, Ecuadore. Only a three year lease and could be disinterred		1862-1929	Born in Iowa, the son of a farmer and the oldest of nine children, Frank was still on the farm in 1880 and 1885. He patented 69 acres on the Salmon River, just North of Idaho Falls in 1891 by cash sale. Frank must have attended college sometime, because he was named the Geologist for the Idaho Mineral Exhibit at the Chicago World's Fair in 1893. Frank and H. E. McElroy announced filing two coal Claims on the Payette where they had been prospecting in 1892. He later reported on a Consular Form that he had been in Leroy, British Columbia from December, 1896 to March, 1897. Frank was County Chairman in 1898 and also Custer County Surveyor until 1899, having made Challis his home for many years..

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Frank became the referee in a bankruptcy case in 18u99 where there were stores in Challis and Custer. He received a Contract by Special Instructions in 1899 for one mile of line about ten miles East of Ketcham. His signature on that Contract matches later signatures on Consular Reports. Frank was listed in the 1900 census at Ketcham as involved in mining. He was listed in 1901 as the manager of the Jarilla Copper Co. in New Mexico. On a Consular Form in 1917, he reported that he had been in Sonora, Mexico from 1908-1917. He was applying to remain in Guayaquil, Ecuador as a U. S. Citizen., and desired to keep his U. S. Citizenship. He died in a hospital in Riobamba, Ecuador in 1929 and is buried in the Municipal Cemetery there. Unfortunately his plot was only on a three year lease, and the status of his remains are unknown.</p>
Schlegal, Alexander	Chief Clerk	1903	Rep Ch Clerk			Buried in Forest Lawn Memorial Park, Glendale, California		1844-1929	<p>Born in Switzerland, Alexander arrived in the U. S. by 1855 with his family, and was listed with them in 1860 in Illinois as a druggist at age 16. He had a son in 1867 and married Susan Caroline Howard in 1869, and they had four children. Everett was a clerk in Nebraska in 1876, a cigar maker in 1880, a surveyor in 1881, and a farmer in 1885. He filed two land Patents and one Military Warrant Patent in Nebraska in 1890-91. He was a Clerk in Lincoln, Nebraska in 1900, living with his son, and his immigration status was still that of an alien.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Ernest Eagleson was appointed the Surveyor General of Idaho in June, 1902, and he started appointing his staff. He promoted Clerk Charles N. Payneton as his Chief Clerk, even though he was a Democrat. Ernest had been waiting for the confirmation of Payneton, but instead received the word that Commissioner Richards had appointed Alexander Schlegel of Lincoln, Nebraska as the Chief Clerk. instead of Schlegel. Ernest was furious, and appealed to the Commissioner and both Senators to no avail. He was told to accept Alexander as Chief Clerk or resign.</p>
									<p>Alexander was still Chief Clerk in 1904, but was replaced by John D. Bell by 1905. Alexander was a Clerk in the Surveyor General's Office in Washington, D. C. in 1910 and a surveyor in civil engineering in Los Angeles in 1920. Susan died in 1926 and Alexander in 1929, both in Los Angeles.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Scholl, Louis	Clerk	1874	Dr/Clerk			Buried in Sunrise Cemetery, Wasco, Oregon	photo	1829-1911	Born in Baden, Germany, Louis immigrated into the U. S. in 1848, came West to San Francisco, and then to The Dalles, Oregon in 1856. He married Elizabeth Fulton in Wasco County in 1864, the sister of Oregon Compassman John W. Fulton and the daughter of an Oregon Legislator. He designed all buildings and government construction at Fort Dalles, Fort Simcoe and Fort Walla Walla before 1860 and was noted as a civil engineer in The Dalles in 1860. Louis was an accountant in Wasco County in 1870 and was noted as a civil engineer in Idaho in late 1871, when a son was born. He showed up as an assistant draftsman in the Surveyor General's Office of LaFayette Cartee in 1873-75.
									Louis appears to have enlisted in the Army in 1877, and was a civil engineer in San Francisco in 1878. He was a bookkeeper in Walla Walla, Washington in 1880, 1887 and 1889 and a civil engineer there in 1900. Louis applied for a Passport in 1908, was noted as an architect in Walla Wall in 1910 and died in Los Angeles in 1911.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Scott, Robert F.	Mineral Surveys	1901	USDMS					1867-1946	Born in England, Robert came to the U. S. in 1889 and married another British immigrant, Minnie Gill, in 1898 in Butte, Montana. They had one daughter and lived in Anaconda, Montana in 1900 and in Helena, Montana in 1901 when Robert was bonded as a U. S. Deputy Mineral Surveyor in Idaho. He surveyed several Contracts in Montana from 1901-1910 He was a civil engineer in Portland, Oregon in 1910, an engineer in mining in Seattle in 1920, living with a daughter and Minnie, and a surveyor in Metaline Falls, Washington in 1930. Robert was retired in Seattle in 1935 and 1940 and died at Fort Steilacoom in 1946, where he was confined in Western State Hospital.
Scowden, Leopold Alexander "Leo"	Mineral Surveys	1887	USDMS		yes, from Find A Grave	Buried in Evergreen Cemetery, Los Angeles, California		1848-1926	Member AIME. Born in Cincinnati, Ohio the son of a civil engineer, Leo was a civil engineer still living with his parents in 1870. He was in Alameda and Sacramento, California from 1876-79 and surveyed the townsite of Mono, California in 1880, the site for Bunker Hill Mine. He lived in Shoshone County, Idaho in 1887 when he was appointed a USDMS in Idaho. There is no record of a survey by him in Idaho. Leo spent the rest of his career as a civil engineer working for mining interests all over the world. He travelled to Europe, South Africa, Brazil and Central America. He noted that by 1914, he had crossed the Atlantic 25 times on mining business. Leo was still single in 1826 when he died in Los Angeles.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Scully, Viola Theresa Miss "VS"	Clerk	1899	Dr/Clerk		yes, from obituary	Buried in Morris Hill Cemetery, Boise, Idaho	photo Gps of gravestone by Jerry Olson from Billion Graves: 43°36'34.6" 116°13'59.9" ± 10 ft.	1869-1949	Viola was born in Nebraska, the daughter of Canadian immigrant parents, and worked in a bank in Moscow, Idaho before coming to Boise in 1898. She was one of the first to take the Civil Service Stenographer's Test and was assigned to the Surveyor General's Office. She married the Idaho Surveyor General, Ernest George Eagleson, in 1907 in Los Angeles.
Scully, Viola Theresa Miss "VS"	Clerk	1899	Dr/Clerk		yes, from obituary	Buried in Morris Hill Cemetery, Boise, Idaho	photo Gps of gravestone by Jerry Olson from Billion Graves: 43°36'34.6" 116°13'59.9" ± 10 ft.	1869-1949	Viola was born in Nebraska, the daughter of Canadian immigrant parents, and worked in a bank in Moscow, Idaho before coming to Boise in 1898. She was one of the first to take the Civil Service Stenographer's Test and was assigned to the Surveyor General's Office. She married the Idaho Surveyor General, Ernest George Eagleson, in 1907 in Los Angeles, and they continued in Idaho until their deaths in 1949 and 1954 respectively. Ernest was a civil engineer all that time, and was the Mayor of Boise at least in 1920-27.
Sears, Charles Elmore	Clerk	1901	Dr/Clerk	yes		Died in Beverly Hills, CA, 1935		1850-1935	Charles was born in New York City, and stayed there through public schools. He attended New York City University in 1867 and Cornell from 1868-69, but did not graduate. In 1875, he applied unsuccessfully to President Grant for a commission as a Second Lt. in the Cavalry, stating he attended Cornell, had 3 years of Nevada life, and had studied for 2 years.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>By 1876, he was a designer in Oakland, and a civil engineer in 1877 in Red Bluff. He was in Boise as a civil engineer in 1880 and married Carrie Randall in The Dalles, OR in 1881. His only Contract was in the Columbia Gorge in 1882-83 for 3 fractional townships across the Columbia from MALToma Falls. Alexander McAndrew was a compassman for that survey, and it is unknown whether Sears was there at all. He reestablished the North 2 miles of the West line of T2N R5E, because he did not find any of the corners of John Trutch set in 1856. His bearing was more than a degree off to the East, and Jerry Olson found Trutch's township corner in 1966 some 300 feet West of the one set by Sears. All townships after Sears were surveyed from Sears' corner, so they are probably correct. Jerry monumented Trutch's corner for posterity.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Charles, and/or Alexander McAndrew, stubbed all the work, but otherwise it was not bad. He was a draftsman for the OR&N RW in Portland in 1882; a surveyor in Olympia in 1885; a civil engineer in Seattle in 1887; surveyor for 13 plats in Pierce County in 1887-88; the City Engineer of Puyallup in 1888-89; a U. S. Deputy Mineral Surveyor of 15 Mining Claims at Cle Elum in 1889; a clerk in the NPRR Land Dept. in 1890; a surveyor of 12 Mining Claims at Similkameen in 1888-91; a resident of Walla Walla in 1892; a civil engineer in Wasco, Oregon in 1900; a draftsman in the Idaho Surveyor General's Office of Joseph Perrault in 1901; the author of a map of Dallas, Oregon in 1903; and a draftsman in Oakland, California from at least 1906-11.</p>
									<p>He had money problems in 1889, and was sued for foreclosure. His wife died in Oakland in 1916, and he was living with his daughter, Pearl, in Alameda in 1930. His daughter Bessie's husband was killed in a hunting accident in Escondido in 1924, and Charles moved to Beverly Hills sometime after 1930 to live with her, and died there in 1935.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
See, John Wesley	Special Instructions	1909	USDS			Died at Multnomah County Poor Farm, Troutdale, Oregon, burial location of inmates unknown		#REF!	Born in Nebraska, John was still living at home and attending school at age 18 in 1900. He moved to Idaho by 1907 where he married Emaline Josephine Winslow in Ada County, and they had 3 children. John received a Contract by Special Instructions in 1909 to survey an island in the Snake River in T10S R24E, and he used his brother Carlos as a one of the chainmen. In 1910, he was listed as a civil engineer in irrigation works out of Heyburn, Idaho. John changed careers to become a consulting architect in Burley, Idaho in 1918 and 1920.
									By 1930, John and Emma were apparently separated, and he was a "survey man" in a boat yard in Gasconade, Missouri. His life further deteriorated, because in 1935 he was an inmate in the Multnomah Poor Farm in Troutdale, Oregon. He apparently lived there until he died there in 1952. Emma moved to California, where she was doing menial jobs, but near a daughter.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Sensenig, Emerson Snader	Clerk	1903	Dr/Clerk EX			Morris Hill Cemetery, Boise, Idaho, Sec G, Blk 192, Space 6	photo Gps of gravestone from Cemetery records: 43°36'30.3"N 116°13'43.4" W ± 10 ft.	1882-1952	Born in Pennsylvania, the son of a bookkeeper, Emmerson married Lucritia Carolyn Nusbaun in 1891 and they had three daughters in Nebraska by 18953 and another in Boise Idaho in 1904 Emmerson was in Boise, Idaho as a dealer in farm implements in 1900 with his family and widowed mother. He was a Clerk and Examiner in the Surveyor General's Office of Ernest Eagleson in 1903 and the manager of Boise Cold Storage in 1910 and 1920. Emmerson was found dead of a heart attack in an automobile in 1927 in Boise.
Shaffner, Ira Franklin	Clerk	1906	Dr/Clerk			Died in Michigan		1878-1975	ID PLS 60. Member ASCE. Born in Iowa the son of a farmer, Ira attended college for two years and married May Belle Davison in Iowa in 1900. They had five children, two of whom died as infants. He was a draftsman in the Surveyor General's Office of Ernest Eagleson in 1904 and Darwin Utter in 1910. there was a reference to hem as the chief of the Mineral Division of the GLO in Boise in the 1909 Register. Still in Boise, Ira worked as a U. S. Transitman in the Direct System from at least 1910-1921.
									Ira was listed as a divorced restaurant owner in Detroit, Michigan in 1926 when he married 43-year-old spinster, Edith Florence Hilliard, in Waterloo, Ontario. In 1930 they were in Royal Oak, Michigan with a baby, and Ira was an insurance salesman. He continued in Michigan until he died there in 1975 at age 97.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Shannon, James W.	Contract 177	1896	Rep USDMS USDS			Buried in Woodland Cemetery, Woodland California, Blk 12, Lot 18, grave 3	photo	1857-1932	<p>Born in Ohio, the son of a farmer, James married Clara E. Bateman in Ohio in about 1879, and they had three children, He was a farmer in 1880 in Ohio with his in-laws living with them. James was advertising as a surveyor and Deputy Mineral Surveyor in Idaho County in 1894, He worked as first a viewer, and then the supervisor of construction, of the road to Elk City in 1895. He was elected Idaho County Surveyor on the Republican Ticket in 189, continuing through 1900. James received Contract 177 in 1896 for four townships, with three near Grangeville and one North of Orofino.</p> <p>James was awarded another Contract by the Surveyor General in 1896, but the Commissioner rejected it because there was only one bidder. In early 1899, Walter H. Clarke came to Grangeville as a businessman. James soon formed a partnership with him in the Real Estate business, and then the two of them were awarded Joint Contract 202 for four townships East and North of Grangeville. James surveyed them in 1899, and they were examined by Frank Brigham in 1901 and 1902. The survey was rejected in 1903, and after failing the order to hire a compassman, it was rejected in 1904. Sonnenkalb and Turley surveyed them in 1906.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									James never regained his losses from that Contract. In 1908, James traded his farm for a fruit farm in Yakima Valley, and in 1910, he and Clara were living with her parents in King County, Washington. He was a tower tender with a RR in Woodland, California in 1920 and 1930. Clara died in 1926 and James in 1933, and they are buried in Woodland.
Shannon, Walter S.	Mineral Surveys	1879	USDMS			Died in California in Sierra County		1860-1933	Born in California, the son of the Collector of Customs at San Francisco, Walter was still at home and at school in San Francisco in 1860 and 1870. A newspaper in Idaho noted that he graduated from the University of California and received an Annapolis appointment, but then went on for a less than credible story. Walter was the leading candidate for this surveyor and was a miner in Bonanza, Idaho in 1880, born 1856, with a father born in Pennsylvania and a mother born in Massachusetts.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Walter surveyed two Mineral Surveys in 1879 and 1880 in Yankee Fork Mining District, which were at Bonanza, Idaho. He also compiled a map of the Yankee Fork area in 1879 and surveyed two Claims in the Yellow Jacket District that same year. He left Bonanza for Park City, Utah in 1881 to take a position in the Ontario Mine, but was back in San Francisco as an engineer in 1882. Walter married Josephine Louise Pfeiffer in California in 1883, and they had one son. Walter was in California in 1886 in mining and as a hotel man in San Joaquin in 1888 and 1890. He was an assayer in 1892, a surveyor in 1900, and a mining engineer in 1920, all in California. He died there in 1933 in Sierra County
Sheridan, Nicholas Collins	Mineral Surveys	1908	USDMS	yes	yes, a short one from obituary	Buried in Greenwood Memorial Terrace, Spokane, Washington	photo	1878-1940	ID PLS 166. Member AIME. Born in California the son of a printer, Nicholas moved with his family to Walla Walla, Washington by 1885, served as a Private in the Spanish American War, graduated from the University of Idaho in Mining Engineering in 1906 at age 29, played on their football team, and was President of his class.
									Nicholas was a mining engineer in Wardner, Idaho in 1900 and surveyed three Mining Claims in Hunter Mining District in far Eastern Idaho in 1908. He married Zoia Annabel Clark in Spokane, Washington in 1908, who was also a graduate of the University of Idaho in 1906 and had been teaching school for several years. They had three children.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Nicholas was listed as a mining engineer living with his in-laws in Tyler, Washington in 1910, a miner in Comox British Columbia with his family in 1911, and an assayer in Hillsboro, New Mexico in 1920. He was a bookkeeper in a bank in 1930 in Spokane and a mining engineer in a lead mine in 1940 while living in Spokane, but unable to work. He died later that year. For several years he leased the Midnight Mine somewhere, and was probably the mine about five miles East of Mullan where Nicholas lived for some time.
Sherwood, Daniel Andrew "Andrew"	Mineral Surveys	1901	Prohib USDMS	see Jerry Olson	yes, from obituary	Buried in Lincoln Memorial Park, Portland, Oregon	photo	1848-1933	Andrew was born in Pennsylvania and attended the Illinois State Normal school and Old Chicago University. He then spent six years with the USGS in the surveys of Ohio and New York before being named Assistant State Geologist for the second geological survey of Pennsylvania. He married Jennie Lind Knapp in Tioga in 1872, and they had five children. He furnished fossil and mineral specimens to the Smithsonian Institution, the American Museum of Natural History, and the Carnegie Museum, and he was the author of geological works and maps and the writer of songs.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Andrew was the Prohibition Candidate for U. S. Congress in 1894 and led an expedition to the Yukon in 1898. The Alaska Mining and Exploration Company was formed in 1897 and the expedition proceeded from May to September in 1898. Hugh Sherwood, Andrews's son, kept a journal. They explored the Klondike but located no new mines and found only a few samples of gold. Andrew was back in Tioga, Pennsylvania in 1900 as a farmer with his family. While there, he was bonded as a USDMS in Idaho in 1901. He came to Dufur, Oregon by 1902 and was listed as retired in Portland in 1910, living with his son Hugh and accompanied by his wife and one daughter. He was a leading contender for the head of Parks in 1906 in Portland. Hugh had been a school principal in Tioga and received a job as a school principal in Portland by 1909.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Andrew was noted as a U. S. Deputy Mineral Surveyor by the Oregon Journal in 1906 and was drilling for oil in Dufur, Oregon in 1907, when oil stock was selling at a fast pace in Oregon. He was also the representative of the Portland Oil and Gas Company in 1909, when they were promoting oil drilling in the Western foothills of the Willamette Valley in Yamhill, Polk and Washington Counties. Andrew was their expert, and he was commenting on the presence of fossils in the local strata, which were similar to the conditions in the California oil fields. This project warranted a full page ad in the Oregonian in 1909. Andrew continued in Portland until Jennie died in 1932 and Andrew died there in 1933.
Shirley, Frank Strouther	Contract 175 (with Lyman B. Kendall)	1896	Rep USDS	yes		Buried in Morris Hill Cemetery, Boise, Idaho	photo	1866-1936	Born in Ohio the son of a farmer, Frank was a t home in Idaho in 1880 and married Minnie Bell Turner in Mountain Home, Idaho in 1897. He received a Contract for two townships South of Boise in 1896 and was examined by H. B. P. Hollyday. Frank received another Contract in 1898 that he refused to perform.
									Frank was a civil engineer in Boise in 1900, and by 1902, he was an employee of the Post Office. Frank was a Superintendent there in 1910, a Clerk in 1920, and a Foreman in 1920 and 1930. Minnie died in 1931, and Frank died of a heart attack in Boise in 1836.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Simon, Theodore "TS"	Clerk	1892	USDMS Dr/Clerk	See Jerry Olson	See Jerry Olson, from newspaper and web, Go To: <a href="http://www.ols
onengr.com/do
wnload/globios
/simonstheodor
ebio.pdf">http://www.ols onengr.com/do wnload/globios /simonstheodor ebio.pdf	Died in Butte, Montana, buried with his second wife in Mt. Moriah Cemetery, Silver Bow, Montana. His first wife in buried in Pioneer Cemetery, Boise, Idaho	Gps of second wife's gravestone by Jerry Olson from Billion Graves: 45°59'14.2" 112°32'27.8" ± 20 ft.	1856-1936	Member AIME. Theodore was born in Luxembourg in 1856 and graduated from the Royal Polytechnicum of Munich. He worked in the iron mines in Germany until his immigration to the U. S. in 1886. He came West for UPRR at first, and married Magdalene "Maud" Moonlight in Wyoming in 1889, the daughter of the governor. They had a son in Utah in 1891, and Maud died in Boise in 1895. Theodore worked in the Idaho Surveyor General's Office in 1891-97, and Maud entertained in the theater, Theodore played the Cello in a symphony wherever he lived. Theodore remarried to Bertha Quimby and moved to Spokane where he was a consulting mining engineer by 1900, working for big mines in British Columbia and Coeur d'Alene. While in Spokane he was bonded as both a Washington and Idaho USDSM in 1900, but produced no surveys. He consulted for Anaconda Copper Mining company in Butte Montana before accepting a position at the University of Montana School of Mines in 1906, as Professor of Mining Engineering, achieving the Degree of PhD sometime along the way. He was a Professor for 30 years and wrote two books, "Ore Dressing" and "Air Compression", along with many very technical articles in the Mining Journals.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Slater, James Henry	Mineral Survey Contract 1	1870	USDMS	yes	yes, from obituary and children	Little Butte Cemetery, Annis, Idaho, Block 6, Lot 170, grave 6	photo Gps of gravestone from Billion Graves by Jerry Olson: 43°43'30.4" 111°56'27.6" ± 10 ft.	1849-1942	Born in Massachusetts, James travelled West with his family to where they were in Kansas in 1854 and Salt Lake City in 1865. There are stories from his descendants that James was taken by the Comanches and returned to his parents when he was 12. He learned smoke signals and tanning hides, and served as a scout for the military in his teens.
									James received the first Mineral Survey in Idaho in 1870 to survey two Claims in Alturas County and resurveyed them in 1873, after getting rejected by the Commissioner. He served as Ada County Surveyor in about 1883 and married young widow Cynthia Rumina Gilson Crapo in Cache Creek, Utah in 1889. She had four children by then, and they had seven more together, although 4 of those died as children. Cynthia noted James as tall, rugged, and bow-legged. His children noted that he did not like to work for others, making do by fishing, gathering firewood, and running a lime kiln. He expected Cynthia's children to work also, and was a disciplinarian.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Cynthia was a devout Mormon, but not James, and the children did not get baptised into the Church until they left home. After their marriage, James was a farmer from then on, living in Utah in 1890 and 1892, in Lorenzo, Idaho in 1896, in Union, Idaho in 1898, in Lorenzo, Idaho in 1902, in Labelle, Idaho in 1906, and in Rigby, Idaho in 1930 when Cynthia died. He continued to live in Idaho, some times with children, until he died in Pocatello in 1942.
Smith, Albert Jr.	Special Instructions	1909	Comp USDS			Garden of Memories Cemetery, Lufkin, Texas	photo	1889-1963	Born in South Dakota, the son of a bookkeeper and the younger brother of Gordon C. Smith, Albert was still in school in 1900 in Webster, South Dakota. He indicated in a 1925 Census that he had graduated from college. Both Albert and Gordon were in Idaho by 1905 when they were listed in the newspaper as crewmen on Contract 267 of William Bush up the Clearwater River. Albert received a Contract for two townships and a Standard Parallel as a compassman to finish the Contract of Fred W. Mitchell, who died during his Contract. Gordon and Albert received Joint Contract 317 in 1909 for two scattered townships in Eastern Idaho. and they were examined.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									The Surveyor General gave him Special Instructions in 1909 to survey one township not far from Ketcham. His last Contract was in 1910 for 10 townships in Albert was living with his engineer brother Gordon in Boise in 1910 with no occupation listed. His last Contract was for 10 scattered townships in Southeastern Idaho in 1910. By late 1910, Albert was a U. S. Transitman for the Direct System in Idaho, and worked many surveys from then until 1917 under various Groups. He was in Washington D. C. in 1917 as a U. S. Surveyor and soon thereafter enlisted in World War I.
									Albert was in charge of a survey party near Orofino in Idaho County in 1914 when h, or someone on his crew shot an elk out of season. He was arrested and taken to Grangeville for a trial before a Probate Judge. After the prosecution submitted their evidence, which consisted of testimony by an informant, Albert was dismissed. Albert had employed a hunter to deep the crew supplied with fresh meat, according to an informant. Surveyor General Utter had the trial postponed until Albert could finish the survey job.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Albert was back in Webster, South Dakota, his home town, living with his parents as a government surveyor in 1920, and was still in South Dakota in 1925. He married at age 53 in 1941 to Ottie Ima Lawrence, a 38-year-old spinster, in Houston, Texas, both for the first time. He was an associate engineer for the government in Atlanta, Georgia in 1944 and died in Lufkin, Texas in 1963.
Smith, Ezra Leonard	Special Instructions from the WA S. G. (with Rollin J. Reeves and Charles S. Denison) 6/6/1873	1873	Rep USDS USS	See Jerry Olson	See Jerry Olson, from book, Go To: http://www.ols-on engr.com/download/globios/smithezralbio.pdf	Died in Portland, cremated, and his ashes spread over the Columbia River. His wife and some family were buried in Frankton Cemetery, Hood River, but were disinterred and cremated at Ezra's request.	No marker per his request. Gps of Franken Cemetery by Jerry Olson: 45°42'27.5" 121°33'36.0" ± 66 ft.	1837-1921	Ezra was born in Vermont, and along with his wife, attended Lombard University. He was an attendee to the Republican Convention that nominated Lincoln, having visited Lincoln in Springfield. He married in March, 1861, and set sail for Panama and California right away. Ezra mined in El Dorado County, was elected to the California Assembly in 1864-65, and then was appointed Secretary of Washington Territory, serving as acting governor for a long period.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He was a member of the Washington Territorial Council from 1871-72, and with two others, he started the first bank in Olympia. From 1872 to 1876, he partnered first with Rollin Reeves, and then Samuel Spray, to survey Contracts in Washington. There is no record of surveying experience for Smith. Their first Contract was for the 5th Standard Parallel North from R30E to R16E, or from East of Ephrata to Cle Elum, which was surveyed by Reeves. They surveyed 5 townships around Ellensburg, of which Ezra surveyed one. They left 5 townships in their Contract unsurveyed, apparently in haste to proceed to the Washington-Idaho Boundary, in order to finish it by the end of the year.</p>
									<p>They began the survey of the Eastern Boundary of Washington in late summer of 1874. The beginning point was the confluence of the Clearwater and Snake Rivers at Lewiston. Reeves spent two weeks mapping that point, including floating barrels down the Clearwater. They set a stone on the North bank of the Snake, and headed North to the Canadian Border. Charles Denison, a young professor at the University of Michigan, was chosen as astronomer, with Ezra as assistant astronomer. Winter set in in the mountains on the North end of the line before they reached the border, food ran short, and they nearly perished. They did not find the Canadian Border marked, and when returning, it was disclosed that that portion had not yet been surveyed.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Smith, Gordon Cyril "Cyril"	Contract 263	1905	USDS	yes		Buried in Morris Hill Cemetery, Boise, Idaho	photo	1882-1960	ID PLS. Born in Minnesota the son of a bookkeeper and the older brother of Albert Smith, Gordon was still in school in 1900 in Webster, South Dakota. He went on to attend four years at Amherst University, Class of 1904. Both Gordon and Albert were in Idaho by 1905 when they were listed as crewmen on Contract 267 of William Bush up the Clearwater River. Gordon surveyed the corrections in 1907 for at least one township, listed as only one of two crewmen.
									He was a Deputy Surveyor by then, having received his own Contract in March, 1905 for six townships and a Standard Parallel Northeast of Orofino. Gordon was listed as an engineer, living with his younger brother, Albert, in Boise in 1910.
Smith, Howard Dunbar	Mineral Surveys	1901	USDSM	yes		Buried in Mountain View Cemetery, Oakland, California	photo	1889-1955	Born in California the son of a lawyer, Howard graduated from the University of California at Berkeley in 1901. He lived in Elk City, Idaho in 1900-01 when he was bonded as a U. S. Deputy Mineral Surveyor in Idaho, although he never finalized a survey in Idaho. He was always a consulting mining engineer, apparently headquartered in Oakland, at least from 1902-1910.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Albert went to Ketchikan, Alaska in 1913 and received a Passport to go to Europe, China and India on Engineering and Commercial Business in 1916. Howard was living in San Francisco in 1935-42 as a consulting mining engineer, unemployed there in 1950, and died there in 1955. He was 5' 11" tall with brown hair and eyes.
Smith, W. Gus (Augustus William)	Mineral Surveys	1902	USDMS		yes , a short one from obituary	Died in San Francisco, Buried in Berkeley, California		1864-1945	Gus was born in Alabama and showed up in Colorado in 1890 as the superintendent of the Hilltop Mine in the Horseshoe District. He was a mining superintendent in Fairplay, Colorado in 1893, and while working on shingling a roof, fell 30 feet to the ground, severely injuring himself. Gus had been a carpenter and a cabinet maker, and built a set of bookcases for the local school in Fairplay. Gus married Mary L Jones in 1891, and they had two children. He moved to Cripple Creek in 1894 with his wife and was part of organizing the Cripple Creek and Creede Mining Company in 1895.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He was an Officer of the Atlanta, Cripple Creek and Creede Mining Company at Cripple Creek, Colorado in 1900, which had been organized in 1895. By 1902, W. Gus Smith was bonded as a U. S. Deputy Mineral Surveyor in Idaho and surveyed four Mineral Surveys in the Coeur d' Alene Area in 1902, while living in Spokane. He was a Superintendent of Mines for the Federal Company near Spokane in 1904. It appears he continued his homebuilding side occupation while in Spokane.</p>
									<p>Gus was the superintendent for the Corbin Coal and Coke Company in British Columbia by 1911, working the Crow's Nest Pass field. In 1912, he was noted as having worked there for years, had Gus made a trip to Pennsylvania in 1912 to study coal operations there. He retired from the Corwin Company in 1913 and moved to Berkeley, California, but was still working as a mining engineer in California and had some mining interests. He was a mining engineer in 1920 and retired in 1930, both times in Berkeley. Gus was retired in 1935 and 1940 in Berkely and died in San Francisco in 1945 at age 80.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Smithwick, Richard Henry	Contract 277	1906	Dem USDS	yes	yes, from obituary	Died in Spokane, Washington, buried in Fairmount Memorial Cemetery, Spokane, Washington, Lawn 14, Sec F, Sp 1a	photo	1857-1934	Born in Ireland, Richard graduated from the University of Belfast in Civil Engineering, soon immigrated to the U. S. by 1880, and was naturalized in 1896. He began by working on railroads in the West, bridge building, and the surveying of townsites. He married Mary Wilmot Fairfield in Nebraska in 1887, and they had five children.
									The first and second were born in Nebraska, the third in Oklahoma in 1893, the fourth in Portland, Oregon in 1895, and the fifth in Spokane, Washington. Richard was appointed Steele County Surveyor in 1890 in Oklahoma and was surveying a railroad from Walla Walla Washington to Union, Washington in 1898. He was always listed as a civil engineer whenever his occupation was listed and ran for Spokane County Surveyor on the Fusion Ticket in 1900. He generally resided in Spokane after 1900 except for living in Walla Walla County in 1910. Richard was noted as selling two Mining Claims named for his children near Chelan in 1907.
									Richard was an engineer for the City of Sand Point, Idaho in 1920 and an engineer for Spokane County in 1930. He received Contract 277 in Idaho in 1906 for one fractional township in the Northern Panhandle and used his son as a chainman. He did two subdivisions in Ada County, Idaho in 1908-09 and was working under the Direct System in Group 7 for the GLO in Washington from 1911-15.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Snow, Claude Locke	Clerk	1909	Clerk					1882-	Born in New York Probably a Clerk in the Land Office in Boise, not the Surveyor General's Office. Went on to become a Chief Clerk in the Department of Agriculture in Washington, D. C. for many years. Was in the Genral Land Office in Utah in 1913 and came to the Land Office in Idaho to check on homesteads..
Snow, William Madison	Mineral Surveys	1910	USDMS			Buried in Greenwood Memorial Lawn Cemetery, Phoenix, Arizona	photo	1882-1944	Born in Idaho, William attended the University of Idaho and graduated in the Class of 1906 in Mining Engineering. and by 1909 he was a mining engineer for the Gold Hunter Mining and "Smelting Co. in Mullen, Idaho. He surveyed his only Mineral Survey in the Northern Panhandle in 1910. He was directed to do a Homestead Entry Survey by an unknown employer in 1918 in Lemhi County. In 1918 William was a mine partner in Lemhi County in 1920, a mining engineer in Tucson, Arizona in 1930 and Phoenix in 1940, unemployed in Phoenix in 1942 and died there in 1944.
Snow, Joseph Marshal	Contract 324 (as compassman)	1909	USDS Comp	see Denny DeMeyer or see Jerry Olson	See Jerry Olson, from web, Go To: http://www.ols.onengr.com/download/globios/snowjosephm.bio.pdf	Died in Spokane, WA, buried in Greenwood Memorial Terrace, Spokane, WA, Lawn 12, Sec 49SH, Sp 4a	Gps of gravesite from Google Earth: 47°39'44.3" 117°28'13.4" ± 20 ft.	1850-1929	Born in Maine, Joseph came with his widowed mother to Whidbey Island in 1869, where he taught school for two years. In 1870-71 he was a chainman and axeman for John Cornelius at Sedro Woolley and Snohomish. Joseph was Island County Surveyor from 1872-84. He received a Joint Contract with John Cornelius in 1873 for 7 townships between Mount Vernon and Sedro Woolley, of which Joseph surveyed two townships.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He would continue to participate in 16 Contracts over 33 years in Washington. Again in 1873, he received a Joint Contract with Thomas Reed, Addison Lindley and Henry McCartney for the survey of allotments in several Indian Reservations on Puget Sound. Reed was the ex-Chief Clerk, and the other two were NPRR engineers. Joseph surveyed the Lummi Reservation by himself, and shared the Tulalip and Puyallup Reservation survey with Lindsley and McCartney. In another Contract, he surveyed a township North of Sedro Woolley on his own in 1873. Contract 192 in 1874 for 4 townships on the Yakima Reservation was shared with Ignatius Navarre and Thomas Reed. Joseph surveyed one township. He surveyed T19N R19W North of Aberdeen as part of a Joint Contract in 1875 with Ignatius Navarre.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He spent two years building levees on the Fraser River in Canada sometime during this period. Joint Contract 228 with Ignatius Navarre in 1877 was for 5 townships Northeast of Ellensburg, of which Joseph surveyed 4 townships. Another Joint Contract with Ignatius Navarre in 1877 at Vantage was for three townships, of which Joseph surveyed one township. Joseph was awarded two Joint Contracts in 1880 with Sewell Truax for a total of 45 townships. All were surveyed by Joseph with two being surveyed under Joseph by compassman William Slade. Contract 277 for three townships in 1881 was surveyed and the notes turned in in 1882. One was approved before the Surveyor General's Office burned in 1883.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>The Commissioner did acknowledge that Joseph submitted the notes, but since they were not approved, and Joseph did not retain a duplicate, he would have to redo two townships. Since he had obtained other employment, Joseph requested to be relieved of his obligation. It was granted by the Commissioner, but he was not paid for the two townships. In 1882 he entered into a Joint Contract with Arthur White for three townships North of Davenport, and two townships North of Spokane, for which they were sued for the money they had borrowed. Those North of Spokane were surveyed by Snow. Joseph was appointed Seattle City Engineer in July 1882, lasting until August 1883 when he was replaced. During that time, he supervised sewer construction and street regrading. In the summer of 1884, he surveyed 7 mining claims in the Summit District in King and Kittitas Counties.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He received Contract 326 in 1886 for 5 townships Northeast of Rock Island. This was the first Contract of his to be examined. Joseph used David Benton Greenwalt as compassman for all the work, and submitted the notes. The Washington Surveyor General challenged him on his closures, and asked for him to explain himself. He tried but lost, and in 1890, T22N R22E had to be redone in the field by Joseph himself. By 1887 he was in Waterville as a Probate Judge and town supporter. He participated in the removal of the County seat to Waterville, and was elected to the Legislature in 1889. Joseph and his mother platted the town of Chelan Falls in 1891 at the confluence of the Chelan and Columbia Rivers. He married Eliza O'Neil in King County in 1890. Joseph became a land examiner for NPRR in 1896 and Spokane County Engineer in 1902-05.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									His last Contract was Contract 622 in 1904 for 3 townships near Tonasket. He was suspended because he did not survey an Indian Allotment, but negotiated Special Instructions to do that portion on per diem. From 1905-09, he was the first State Highway Commissioner for Washington, but was removed and charged with embezzlement of money. He was acquitted by a jury of Grand Larceny, but lost and had to repay the money in a civil suit. John received Special Instructions in late 1909 to survey three townships in Shoshone County, Idaho as Compassman for the Surveyor General's Office. It is unknown why he was acting as Compassman. In 1910 he was a draftsman for the Spokane County Assessor, and was then County Engineer for Ferry County. He was deputy county engineer in Spokane County from 1926-29, and died in Spokane in 1929 while holding that position. (biography)
Sonnenkalb, Oscar	Contract 117	1886	USDS USDMS	yes	yes., from autobiography book	Buried in Mountain View Cemetery, Pocatello, Idaho, 25W. 1.4	photo Gps of gravestone by Jerry Olson from Billion Graves: 4°51'15.5" 112°25'40.2" ± 25 ft.	1847-1928	ID PLS. Born in Germany in 1847 the son of the secretary to the Duke of Altenburg, Oscar received a good education. He graduated from the scientific gymnasium at Plauen, Saxony, and continued at Dresden Polytechnic, specializing in chemistry. He left a year early to join the military, and served in the Prussian war, ending as a Second Lieutenant.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Oscar continued in the military until 1877, when he came to the United States. Senator Burnside, who he had met in Germany, provided him a job as a draftsman in the patent office. He came to Idaho by 1881 at the invitation of a friend, who was the Registrar at Oxford. He was awarded Contract 117 in 1886 for 9 townships South of Burley and American Falls. This was at the beginning of the new lower rates, and he suffered financially. From 1897 to 1916, with the exception of two years, he was Bannock County, Idaho Surveyor. He was living in Pocatello, Idaho in 1891. (more to come)
Sparks, Vernon Vallandingham	Special Instructions	1908	Dr/Clerk USDS HES			Last in Bakersfield, California		1878-1977	Born in Utah the son of a grocer, Vernon moved with his family to Bonanza, Idaho by 1880. He attended one year of college and was a laborer in Grant County, Oregon in 1900. He married school teacher Daisy Agnus Nelson in 1903 in Baker, Oregon, and they had three children, the first two of which were born in Oregon in 1907 and 1909 where Vernon was listed as a mining engineer. Vernon received instructions to survey four Homestead Entry Claims Southeast of Boise in 1908 and was listed as an engineer in mining in 1910 at Atlanta, Elmore County, Idaho. He patented 80 acres at Lake in Canyon County, Idaho in 1916, and was farming there until 1940.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Daisy died in 1942, and Vernon remarried to Maude Ada Woodruff in 1945 while living in Caldwell, Idaho. They took a cruise to England on the Queen Mary in 1957, and Maude died in 1972. Vernon was in Bakersfield, California in 1877 when he died at age 99.
Spearmann, Charles Wilhelm "Speirman"	Mineral Surveys	1901	USDMS USDS			Died in San Diego, California, buried in Greenwood Memorial Park, San Diego, California		1859-1935	Born in Denmark, Charles immigrated to the U. S. with his family in 1875, and settled in Utah. He was with his parents in Brigham City, Utah in 1880 and ,married Maria Harriett Boudrero in Logan, Utah in 1881. They had six children before they probably divorced and he remarried to Clara Rosetta Johnson in Logan, Utah in 1890. They had six children by 1899. One child was born in LaGrande, Oregon in 1895, with the rest in Utah. By 1900 Charles was divorced and a civil engineer in Rexburg, Idaho.
									While there he was bonded as a U. S. Deputy Mineral Surveyor in 1900, although he never finalized a survey. Charles was noted as a Deputy State Engineer in Boise in 1908, supervising an irrigation project at Canyon Canal Dam. Charles received Contract 320 in Idaho in 1910 for one township South of Boise and finished it in 1911. Charles remarried again by 1910 to May Elizabeth Westly, who had a grown son. The newspapers reported them leaving Boise for San Diego in 1912, and they apparently continued there until they died, with Charles in 1935 and May in 1945.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Spedden, Edward Clifford			Rep USDS HES		yes, short one from obituary	Buried in Prairie View Cemetery, Grangeville, Idaho.	photo	1850-1933	<p>ID PLS 73. Born in Missouri the son of a physician, Clifford came to Astoria, Oregon with his family by 1870. He then moved again with his family to Asotin County, Washington by 1880, where he worked on the farm of his brother. He married school teacher Sarah Crawford in 1883, and they had two daughters. Clifford was a prospector in Grangeville, Idaho in 1900 with his new family and formed a partnership with Fred Erskine in 1906-08 in Grangeville in surveying and engineering. He had been elected Idaho County Surveyor by then and at least ran for reelection in 1914 as a Republican.</p> <p>Clifford received a Contract in Idaho by Special Instructions in 1910 for the survey of a Homestead Entry Claim in Western Idaho County. He was a County Surveyor in 1910 and a civil engineer in private practice in 1920 and 1930, all in Grangeville. Clifford died in Grangeville in 1933 at age 83 and Sarah died in 1957 at age 99.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Sperling, Godfrey	Contract 288	1907	Rep Dr/Clerk USDS USDMS Comp	yes	yes, from obituary	Died in Illinois, cremated, buried in Willowbrook Cemetery, Fisher, Illinois	photo Gps of gravestone by Jerry Olson from Billion Graves. 40°18'20.3" 88°20'44.0" ± 24 ft. There is a second location in BG about 24 ft. to the East.	1872-1976	ID PLS 61. Born in Illinois the son of German immigrant farmers, Godfrey graduated from the University of Illinois in 1895 in Civil Engineering. He married Ida Mabel Bailey in Illinois in 1899, and by 1900, they were in Weiser City, Idaho where Godfrey was a civil engineer. He was a draftsman in the Idaho Surveyor General's Office of Ernest Eagleson in 1903.
									Godfrey surveyed his first Mineral Survey in Idaho in 1907 and surveyed twelve more by 1913, mostly in Boise County. A few were into the Direct Era after 1910. Godfrey was named a U. S. Deputy Surveyor by 1907 and surveyed four Contracts in Idaho including two as a compassman. He received one HES Survey in 1912, but the survey was rejected when finished. Godfrey was a consulting engineer in Boise in 1910, a computer on the field crew of USDMS Walter Locke in Idaho City in 1910, an engineer for the State of South Dakota in 1916, a consulting engineer there in 1918, and an engineer in government in Cody, Wyoming in 1930..

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Godfrey was back in Urbana, Illinois by 1935 as a civil engineer and stayed there until he died in 1976 at age 104. He kept working until nearly age 100. Before he died he was claiming various age related records, and will probably be in the top five of last living GLO Surveyor in the Northwest when he died.
Spofford, Frank Sumner	Special Instructions	1906	USS SES	yes		Buried in Morris Hill Cemetery, Boise, Idaho. Section B, Block 61, Space 6	photo Gps of gravestone from Cemetery Records: 43°36'37.18" 116°13'58.34" " ± 7 ft.	1866-1924	Born in 1866 in Illinois the son of a grocer, Frank attended the University of Illinois from 1885+87 in civil engineering. He married Lillian A. Goodell in Nebraska in 1890 and graduated from Amherst, Class of 1905. He was a bookkeeper in Great Falls, Montana in 1900 and by 1904 was a Special Examiner of Surveys in Idaho, examining a survey Southeast of Pierce.
									From 1906-1909, Frank surveyed five small contracts by Special Instructions as a Survey Examiner, including a survey of the townsite of Elk City. Frank used his 12-year-old son, Benjamin Dwight, as a crewman in 1808, working out of a camp, and made one more Examination Survey in 1910. . He was a civil engineer in Boise in 1910 and worked in the Direct System in Idaho as a United States surveyor until at least 1914. He was named Assistant Supervisor of Surveys, the head of the Direct System in Idaho, from at least 1919 until his death. Frank died in Boise in 1926 of a ruptured appendix.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Sprague, Edna M. Miss	Clerk	1897	Dr/Clerk			Buried in Mountain View Cemetery, Oakland, California	photo Gps of gravestone by Jerry Olson from Billion Braves: 37°50'01.4" 122°24'12.6" ± 20 ft.	1875-1943	Miss Edna Sprague worked as a Temporary Clerk in the Surveyor General's Office of Joseph Perrault from November, 1897 to March 1898. There was only one Edna Sprague in Idaho at the time, and she was the daughter of gunsmith Milo Sprague of Lewiston, Idaho and Corine Perrault Sprague. Edna was an honor student and finished high school in Lewiston, and was unemployed and living with her parents there in 1900. She was living in Spokane in 1908 as a seamstress when she married soldier James F. Brennan. They had one daughter born in Florida and were living in Oakland, California in 1920.
									They continued in Oakland until the both died there, Edna in 1943 and James in 1948. They were noted as married, but James was never listed in any of the censuses as living with Edna after 1920. He was listed as serving in the Army off and on until at least 1919, and maybe later. They share a gravestone in Oakland.
St. Cyr, Hyacinthe M. "H. M." "Henry"	Mineral Surveys	1899	USDMS	photo	yes, from Locomotive Engineer Magazine 1924.	Died in Coos Bay, Oregon		1843-1937	Borne in France, the son of a locomotive engineer, H. M. St. Cyr came to the U. S. as a child in 1853. He received a good education and began his career as a topographer for a RR in Texas. He married Elmira Leona Graft in 1873 and they had one child. For many years, H. M. was a locomotive engineer in the West and with OR&N in Eastern Oregon.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>His nick name was "Hair Oil Pete" and at one time he pursued a freight train to stop it before a collision occurred due to a wrong signal. He was a civil engineer in mining in Boise in 1899-1900 when he was bonded as a U. S. Deputy Mineral Surveyor in 1899 in Idaho, but never finished a survey. He was living in Weiser, Idaho in 1903 when he shot and killed his former hotel business partner, Archie Emmons, in a disagreement over a team of horses during the dissolution of their business. Emmons was driving the team away at Lake Payette when H. M. stepped out of his home and shot Emmons through the head. when Emmons fell to the ground, H. M. came over and shot him through the head again. H. M. was charged with murder, but was convicted of manslaughter and sentenced to ten years in prison and paroled in 1910.</p>
									<p>He was an engineer in Seattle in 1912-16, and was an engineer for a lumber company in Bend in 1920. By 1936, H. M. was in Coos Bay Oregon as a car repairman for a lumber company at age 89. Elmira stayed with him and out lived him by many years. He was 5' 6" and had black hair and a black moustache.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Stahle, Edward F.	Special Instructions	1901	Rep USDS			Buried in Greenwood Memorial Park, San Diego, California	photo	1861-1925	Born in California the son of a German hair dresser, Edward was in San Francisco with his family in 1870. He was a clerk in 1877 and a draftsman when he enlisted in the National Guard in San Francisco in 1880. Edward received a Contract in Wyoming in 1880 for 10 townships near the North boundary of Wyoming and finished the survey of it in 1883, probably waiting for the State Line survey of Rollin Reeves to be approved.. In 1893, Edward was still in Wyoming, where he was the Mayor of Cheyanne .
									He surveyed nine more townships in 1899 in Wyoming and was awarded the survey of the North, West and South Boundaries of Yellowstone National Park in 1901 by the Commissioner in Washington, D. C. and surveyed them the same year. Portions were in Idaho and Montana. Edward received a Joint Contract in 1902 with Van Orsdel and a small Contract on his own in 1903 on the Big Horn River, both for segregations. He surveyed a dependent resurvey of 104 miles of the West Boundary of South Dakota in 1904-05 and surveyed six more townships in 1908 in Western Wyoming.
									Edward was an engineer in Laramie in 1910, and by 1916 he was the Executive Director of the San Diego Chamber of Commerce and married to school teacher Emma Griffiths. He was a civil engineer in 1920 and 1923 in La Jolla, California and died there in 1925.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Stanley, Frank D.	Mineral Surveys	1899	USDMS USDS	see Jerry Olson		Died in Georgia, buried in Oakland Cemetery, Waycross, Georgia	see Jerry Olson	1854-1929	<p>Born in either Canada, Frank graduated from Dartmouth in 1879 with a degree in civil engineering. He married his first wife, Mary Carleton, in 1880 in Vermont, and then worked in Michigan until 1886. After three children, Mary died in Michigan in 1886. He remarried to Caroline Eliza Adams in 1887, and after a brief stay in Missouri, he came to Spokane in 1889. There he formed a partnership in engineering first with Wilbur Waltman, and then Ulysses Hough.</p> <p>In 1893 Frank operated a shingle mill with Albert O'Donnell, and from 1895-1905 he was a civil engineer and surveyor on his own in Spokane. He surveyed 33 Mining Claims in Washington in Ferry and Pend Oreille Counties from 1898-1904, except for a few North of Cle Elum. Also there were 34 Mining Claims in Grant and Baker Counties in Oregon from 1901-04, nearly all West or Southwest of Sumpter. By 1900, Frank had sired a total of 9 children. He was bonded as a USDMS in Idaho in 1901 and surveyed the exteriors of Lakeview townsite in that year in Pend d'Oreille Mining District, but it was not accepted. Caroline died in 1901 in Spokane, and he married again in 1907 to Anna Lillian Swett in Iowa. They were living in Baker, Oregon from 1908-12 with Frank's youngest son, where Frank worked as a civil engineer.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									By 1920 Frank and Anna were in Hermiston where Frank was a farmer. The Oregonian reported in 1925 that Anna filed for Divorce. For some reason, Frank moved to Ware County, Georgia and died there of tuberculosis in 1929, documented by his death certificate. See WA GLO Surveyors for the maintained version of this information.
Stephens, John R.	Special Instructions	1892	SES USDS					1868-	(bio for now) John was born in Pennsylvania and graduated from The University of Illinois, Stevens Institute of Technology, in 1878 from the Urbana Campus. He was noted as an alumnus working for Loring and Brown, U. S. Mineral Surveyors, in Wardner, Idaho in 1888. John was appointed a Special Examiner of Surveys to examine Contract 133 of W. Clayton Miller of 24 townships near Coeur d'Alene. The Surveyor General issued him Joint Contracts 154 and 156 with Daniel W. Waite in 1893 for 13 townships South of Lewiston. They were all surveyed by Waite. John went to South Africa in 1895 with engineer George Kyle to be engineers for tunnels in Gold Mining Properties. They were forced to leave the country at the year end 1895 after the Jamieson Raid, in which at least George participated..

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Sterling, Robert	Special Instructions	1904	USDS			Buried in Crown Hill Cemetery, Wheat Ridge, Colorado		1868-1961	<p>ID PLS 86. Member AIME. Born in Ohio, the son of a Professor of Physics at Kenyon College, Robert finished four years of college and was a mining engineer in Salt Lake City in 1900. He married Sybil A. Stewart in Spokane Washington in 1903, and they had two children. He was living as a mining engineer in Kellogg, Idaho at the time. In 1904, Robert received a Contract to survey 42 miles of Standard Parallel and four townships East of Coeur d'Alene, of which the notes were found for only 2 Sections and 4 Miles of Standard Parallel.</p> <p>Robert continued at Kellogg until at least 1913, and by 1920 he was the manager of mines for Primos Chemical Co. at Boulder, Colorado. He remained associated with that firm in Boulder until at least 1950. Robert was at one time a Director for the National Bank of Colorado at Boulder. He died in 1961 and Sybil in 1965, both in Boulder.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Stevenson, Charles Clifford "Clifford"	Contract 158 (with David O. Stevenson)	1893	USDS USDMS			Buried in Cloverdale Memorial Park, Meridian, Idaho near his brother David.	photo Gps of gravestone by Jerry Olson from Billion Graves: 43°37'07.4" 116°19'52.0" ± 20 ft.	1854-1938	ID PLS. Born in Ohio the slightly younger brother of David Osborn Stevenson, Clifford's father died in 1860 and he was still at home and in school in Ohio in 1870. Clifford married Martha Belle Black in Miami, Ohio in 1888, and he was in Fresno, California as an engineer in 1890. He received three Joint Contracts in Idaho with his brother, David, in 1893-5 for 21 townships mostly South of Twin Falls, and they were all examined by Hollyday. Clifford surveyed six Mineral Survey from 1896-1905 near Boise, and his last Contract in Idaho was a Joint one with Elliott Holland for five townships near Boise in 1906, surveyed by both. Clifford received six more Mineral Surveys near Boise from 1906-10 and then 9 more Mineral Surveys from 1911-20. He was a civil engineer in Boise in 1900 and 1910 and in 1913 began a 25 year length of service as City Engineer of Boise, while at the same time doing private business. Clifford died in 1938 at age 83 in Boise.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Stevenson, Charles Coburn "Coburn"	Chief Clerk	1893	Dem Ch Clerk		yes, from obituary	Died in Boise, Idaho, Buried in Cloverdale Memorial Park, Meridian, Idaho near his brother David	photo Gps of Tombstone from Billion Graves by Jerry Olson: 43°36'41.0" 116°11'1903" ± 20 ft.	1862-1898	ID PLS 27. Born in California, the son of Edward Stevenson, the Governor of Idaho in 1885, Coburn moved with his family to Idaho in 1873 who were following rumors of gold. He was the only child of the second family of his father, after the members of his first family were killed by Indians on a Reservation in California in 1859. His father had been Speaker of the House in California and rose to political power in Idaho, becoming the only Democrat and the only person living in Idaho to become Territorial Governor. Coburn graduated from a Seminary in Oakland, California in 1883 and the from the Law Department of the University of Michigan in 1885.
									Coburn passed the Bar in Boise in 1887 and married Alice A. Gerard in Boise in 1888. He was named City Attorney of Boise in 1890 and Chief Clerk for Surveyor General Joseph Straughan from 1893-97. Coburn died of rheumatism in Boise in 1898 at age 36.
Stevenson, David Osborn	Contract 158 (with C. Clifford Stevenson)	1893	Rep USDS	photo, from History of Idaho	yes, from History of Idaho by French, 1914	Died in Boise, Idaho, Buried in Cloverdale Memorial Park, Meridian, Idaho, near his brother Clifford.	photo Gps of gravestone by Jerry Olson from Billion Graves: 43°37'07.5" 116°19'52.0" ± 20 ft.	1851-1940	ID PLS 8. Born in Ohio the slightly older brother of Charles Clifford "Clifford" Stevenson, David's father died in 1860, and he was still at home as an apprentice carpenter in Ohio in 1870 and as a carpenter in California in 1875-80. David had also raised sheep at Tulare, but after eight years, a drought wiped him out. He went to work with UPRR in the civil engineering department for five years, and moved to Boise in 1882 where brother Clifford was living.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>For three years David worked for the Oregon Short Line Railroad before he began a five year run of surveying and supervising irrigation canals and reservoirs. They included Boise and Nampa Canal, Mt. Home Reservoir and ditches, and Payette Valley Flume and ditches. He received three Joint Contracts in Idaho with his brother, Clifford, in 1893-95 for 21 townships mostly South of Twin Falls, and they were all examined by Hollyday. While Clifford was City Engineer of Boise from 1923-1938, David was generally an engineering employee of that entity for much of that time. David was for some time the President of the Sand, Lime & Brick Company in Boise, and served six years as Ada County Surveyor. He was retired in 1940 and died that year in Boise of a cerebral haemorrhage It appears that he never married.</p>
Strange, Vivian Peabody	Mineral Surveys	1900	USDMS			Died in British Columbia, buried in Palo Alto Memorial Park, Palo Alto, California, Mausoleum No. 1	photo	1871-1952	<p>Born in Canada, Vivian was a mining and civil engineer and surveyor in Salt Lake City from at least 1894-98. the 1900 Census listed him as a surveyor in Moab, Utah. Hived in Gem, Idaho in 1899 when he was bonded as an Idaho Deputy Mineral ?surveyor and surveyed one Mineral Survey in the Mount Pisgah Ming District in 1901. By 1905 Vivian had formed an engineering partnership with Harrison A. Strange called Clement and Strange, engineers and contractors. That continued through 1909 out of Salt Lake City.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									By 1910, Vivian was President of Strange and McGuire, paving contracts. again in Salt Lake City. They began receiving paving contracts in Utah and throughout the Mountain West until at least 1935.. He married Margaret McCarthy in Denver, Colorado in 1913, and they resided in Salt Lake City. He continued to invest in and manage various mining companies, including the Rio Tinto copper mine in Nevada. He also had property in British Columbia. Vivian and Margaret travelled a lot to Europe and various places. They had three children and were living in Palo Alta, California in 1952. Vivian died in British Columbia in 1952 and is buried in Palo Alto, California
Straughan, Jesse Rittenhouse	Chief Clerk	1885	Ch Clerk			Buried in Lindenwood Cemetery, Fort Wayne, Indiana	photo	1818-1907	Born in Ohio, the father of Joseph C. Straughan, Jesse married Caroline J. Chambers in Ohio in 1843, and they had nine children. He was a civil engineer in 1875 and 1880 in Fort Wayne, Indiana. He built the Pittsburg, Fort Wayne & Chicago RR, and was employed by the State of Ohio in many public works projects. His son, Joseph, the new Surveyor General of Idaho, appointed him as his Chief Clerk in Boise, Idaho in 1885, continuing until 1889. Jesse was a civil engineer in Fort Wayne again in 1900, with his son, Joseph, who had recently been replaced in Idaho as the Surveyor General.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Straughan, Joseph Chapman	Surveyor General	1885	Dem S G	yes	yes, from Illustrated History of Idaho, 1899	buried with his second wife in Crown Hill Cemetery, Indianapolis, Indiana Sec 46 lot 2		1849-1910	<p>Born in Ohio the son of civil engineer, Jesse R. Straughn, Joseph was educated in Fort Wayne, Indiana and Delaware, Ohio and became a noted civil engineer. He was involved in the construction of 13 railroads in Ohio, Indiana, Illinois and Mississippi. He married Mary Victoria Shoemaker in 1879, and after two children, she died in Mississippi in 1883. He remarried in 1885 to Alice B. Ramsey, a graduate of Jacksonville Presbyterian Seminary. Alice was a manager of the World's Columbian Exposition at Chicago, and was the founder and first president of the Boise Women's Club.</p> <p>In 1885, Joseph was appointed Surveyor General of Idaho by newly elected Democrat, Grover Cleveland, and he named his father, Jesse R. Straughn, as Chief Clerk. He prepared a report to the U. S. Senate in 1889 on irrigation and arid lands in Idaho. Joseph was replaced in 1890 with the exit of the Cleveland Administration but returned in 1893 when Grover was reelected, this time without his father, but with his sister, Mrs. Alice F. Howey as a Clerk. He was noted as a civil engineer in Fort Wayne, Indiana in 1910, living with his father and family.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Stuart, James M.	Special Instructions	1909	HES USDS	photo	yes, from obituary	Buried in Nikesa Cemetery, Idaho County, Idaho	photo	1863-1929	<p>ID PLS. Born in Montana, the son of a Scotsman and a Nez Pierce girl, James moved with his mother to Lapwai, Idaho probably in 1863. He attended the Chemawa Indian School in Salem, Oregon, graduating in 1885 with high honors. James returned to Lapwai in 1885 and married Harriet Parnell, becoming an employee of the Agency at that time, and serving as a carpenter until 1890.</p> <p>Having been trained in civil engineering, he apparently then began surveying as a helper to Edson Briggs on the surveys in the Reservation, ultimately becoming so proficient that he did allotment surveys on his own. Alice Fletcher was appointed Allotting Agent on the Nez Perce Reservation in 1892, and she chose James as her interpreter until 1895. Following the opening of the Reservation after finishing the allotments, James was placed in charge of the timber lands owned by the tribe and kept in constant touch with government officials. He served as forester until three years before his death and was chairman of the business committee of the Tribe.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									James was the wealthiest member of the Nez Perce, and one of the wealthiest Indians in the nation. He owned a brick commercial block in Kooskia, a nice house on the hill, and a lot of farmland. He had a furniture store, an undertaking business and a real estate office. He made many trips to Washington, D. C., the last of which was to successfully lobby for the extension of trust period of Indian lands. He was called the Roosevelt of the Nez Perce. James received Special Instructions to survey six Homestead Entry Claims in the Clearwater Valley in 1909, of which two were rejected in 1913 after corrections. He surveyed the townsite of Kooskia and was the namesake of the original name for the town which was Stuart. The railroad forced the town to change the name to Kooskia in 1902.
									He is also the namesake of Mount Stuart, lying immediately to the South and East of Kooskia, incorrectly named Mt. Stewart by the Forest Service and USGS. James died in Kooskia in 1929 and is buried in Nikesa Cemetery between Kamiah and Kooskia.
Sunderlin, Charles Algernon	Special Instructions	1909	SES	yes		Buried in Forest Lawn Cemetery, Glendale, California, Meditation Section, Lot 330, Space 6		1883-1951	Born in Michigan, Charles graduated from high school in Iowa and graduated from the University of Nebraska in about 1905. He was listed as a Special Agent for the General Land Office in Boise in 1909 and was a single lawyer in private practice there in 1910. He may have worked only for the Land Office in Boise, but not for the Surveyor General.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Swan, George Coray	Special Instructions	1910	USDS	yes		Buried in Inglewood Park Cemetery, Inglewood, California	photo	1875-1952	Born in Utah the son of an accountant, George attended college for two years. He married Florence May Hoover in Utah in 1899 and they were in Park City, Utah in 1900 where George was an assayer in a quartz mill. He was in Preston, Idaho in 1910 as a civil engineer and surveyed a very small Contract under Special Instructions there also in 1910.
									George was a civil engineer for the city in Provo Utah in 1920, but had moved to California by 1930. He continued in engineering there, working for government entities until at least 1940 and died in Inglewood in 1952. Florence preceded him in death in 1945.
Sweet, Caroline Cleora Miss	Clerk	1889	Dem Dr/Clerk	photo		Buried in Morris Hill Cemetery, Boise, Idaho MHILL-B-49-8	photo	1870-1923	Born in Iowa in 1870 the daughter of an insane invalid, Carrie was in Boise on June, 29, 1886 with her family when she graduated from high school. By 1887 she had passed the examinations and held a Territorial teaching certificate. By July, 1889, Carrie was serving as a Transcribing Clerk in the Surveyor General's Office of Democrat Joseph C. Straughan. The next month the newspapers noted her as the Second Assistant Secretary for the Idaho Constitutional Convention. Straughan was replaced in July 1890, and Carrie probably lost her job.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Carrie was Assistant Chief Clerk for the Legislature in December, 1890, and lived in Boise in 1891. She married Milton Green Cage in 1894 in Boise, and they soon had three children. Milton was a lawyer that had graduated from Michigan State University Law School. After school, he practiced Law in Denver, where in 1894 he was appointed assistant U. S. Attorney. In 1890 Milton removed to Boise and in 1894 was named the Receiver in the Boise Land Office. He became a very active Democrat and was a lawyer in Boise in 1910. In about 1915, the family moved to a farm in Claytoria, Idaho where they stayed until Milton died in 1936. Carried died of a stoke while they were on the farm in 1923.
Talboy, Walter Elijah	Contract 304 (with Frank D. Maxwell)	1908	Dem USDS	photo	yes, from obituary	Buried in Cloverdale Memorial Park, Boise, Idaho	photo Gps of gravestone from Billion Graves by Jerry Olson 43°37'06.5" 116°19'50.1" ± 15 ft.	1876-1944	Born in Iowa, Walter attended college for three years at some time. He was at home in 1880, and was a farm laborer in Iowa in 1900. He was in Idaho by 1908 to receive Joint Contract 304 with Frank Maxwell for 22 townships East of Boise. Walter received two Contracts on his own in 1909 for 11 townships in Western Idaho. He married Ruby Edith Michael in 1911 in Weiser, Idaho, and they had five children.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									After his GLO Contracts, Walter served many irrigation districts as watermaster and operated ranch property in Washington and Adams Counties. Frank served five consecutive terms in the Legislature from 1923-1932, another term from 1935-36, and one term as State Senator from 1941-42. He moved to Boise when he was appointed to be State Land Commissioner in about 1933, where he served four years. After his term ended, he was employed as a land agent for the state. Frank died in a tragic auto accident where he crossed the yellow line and collided head-on with a Greyhound bus, because of falling asleep or a heart attack.
Taylor, Harry Picotte	Clerk	1902	Dr/Clerk	yes	yes, long one at AHGS and short one from Who's Who on the Pacific Coast	Last in San Mateo California in 1950, and his wife died in Alameda in 1954.		1876-1964	Harry was born in Salt Lake City, the son of parents from New York, and Attended Cornell, Oberlin, and the Colorado School of Mines. He graduated in 1900 as an "Engineer of Miles. Harry was boarding with classmate Lyttleton Price his last year. After school, he worked one year as a superintendent of Mayflower Mining and Milling at Howard, Oregon in 1900 and managed mining properties in Nevada, Idaho and Montana over the next four years.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Lyttleton Price was working as a Mining Engineer in Hailey, Idaho in 1900, and Harry was noted as a draftsman in the Surveyor General's Office of Joseph Perrault in Idaho in 1902. Harry was married to Lois Meade Nesmith in Minnesota in 1904, and they had four children. They lived in Utah in 1905-06 and Los Angeles from 1910-20. Who's Who on the Pacific Coast noted Harry as accomplishing the following by 1913: Consulting Engineer Florence Goldfield Company; stockholder in mines in Nevada and Idaho; oil lands San Joaquin Valley; Sevier River Land and Water Co.; and President Kern Four Oil Company. They lived in Boise, Idaho in 1930 and 1935 and Payette, Idaho in 1940. Harry worked in a reading room and Lois was a religious practitioner in 1950 in San Mateo (suggests Christian Scientists). Lois died in 1954 in Alameda, and Harry in California in 1964.</p>
Taylor, John Martin Sr.	Mineral Surveys	1891	USDMS	yes	yes, from History of Idaho by French and Who's Who on the Pacific Coast	Buried in Morris Hill Cemetery, Boise, Idaho, MHILL J 50 2	photo Gps of gravestone by Jerry Olson from Google Earth: 43°36'31.5" 116°13'53.7" ± 20 ft.	1861-1946	<p>John was born in Missouri, the son of a farmer, and received an education in the local schools for 14 years. His father was a Confederate Captain and was killed in the Civil War when John was an infant. His mother remarried, and John continued to live on the family farm until he attended the University of Missouri and graduated in Civil Engineering in 1882.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>After graduation, he moved to Idaho at Eagle Rock (now Idaho Falls) where he raised cattle and pursued civil engineering. His projects included: UPRR in 1885-86, Kansas City Cable RW Co. 1887-1889, and irrigation projects at Eagle Rock 1889-1892. John was listed by the General Land Office as an Active Mineral Surveyor in 1891, living in Eagle Rock, Idaho, although he never finalized a survey. He was also listed by the Governor of Idaho as a First Lieutenant for Company E of the Idaho National Guard in Eagle Rock in 1892.</p>
									<p>John continued engineering until he entered the Medical School at the University of Pennsylvania in 1896 and graduated from there in 1900. He did a year of residency at Johns Hopkins Hospital before returning to Eagle Rock. That year he moved to Boise to begin his medical practice that would continue for 44 years. He was married to Alice Witman in 1904 in Washington D. C, and they had six children, even though John did not marry until he was 43. Alice was a Doctor's daughter, a Johns Hopkins graduate and a nurse there when John was a Resident.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									John continued engineering until he entered the Medical School at the University of Pennsylvania in 1896 and graduated from there in 1900. He did a year of residency at John Hopkins Hospital before returning to Eagle Rock. That year he moved to Boise to begin his medical practice that would continue for 44 years. He was married to Alice Witman in 1904 in Washington D. C, and they had six children, even though John did not marry until he was 43. Alice was a Doctor's daughter, a Johns Hopkins graduate and a nurse when John was a Resident.
Taylor, LaFayette N.	Mineral Surveys	1901	#REF!			Died in Seattle of suicide in early 1902		1862-1902	Born in Missouri, Lafayette was a Representative to the State Democratic Convention from Florence, Idaho in 1896. He owned and operated a mine in Idaho County in 1897-98 and was the overseer of a County Road District in 1898. Lafayette lived in Hump, Idaho in 1901 when he was appointed a U. S. Deputy Mineral Surveyor in Idaho. He was also a Judge in Hump in 1901. He surveyed t6he Gold Bug-Columbia Group of Quartz Claims in 1901. Lafayette was named to survey the state road up the Salmon river in April, 1901. It was reported from Seattle that Lafayette committed suicide in Seattle in 1902, where he had been living since the fall, by blowing his head off with a stick of dynamite.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Taylor, Rowland Corwin "Scrappy"	Special Instructions	1909	SES			Buried in Pioneer Cemetery, Boise, Idaho, Blk 3, Lot 44, Grave 5	photo Gps of gravestone from Cemetery Records: 43°3'38.2" 116°11'23.3" ± 7 ft.	1879-1945	Born in Ohio, Rowland lived in Boise, Idaho in 1909. He was listed as a Special Agent for the General Land Office in Boise in 1909, and he may have worked for the Land Office, not the Surveyor General's Office. His death certificated noted him as a lawyer.
Teames, George Byron	Mineral Surveys	1883	USDMS	yes	yes from Dartmouth book	Buried in Vale Cemetery, Schenectady, New York, L3	photo	1859-1922	Born in Connecticut, the son of a doctor, George graduated from the Thayer School of Engineering at Dartmouth in 1880 with a B. S. He was an engineer for the WS&SPRR in Pennsylvania, and a USDMS in Idaho in 1883, where he surveyed two Mining Claims in 1884, one in Coeur d'Alene and one in Summit Mining Districts. He was then Stevens County Surveyor in Kansas in 1885.
Thomas, Minerva Mary Miss "Mary"	Clerk	1901	Dr/Clerk	photo		Buried in Lewisburg Cemetery, Lewisburg, Pennsylvania beside her mother. Sec. 3A, Plot 1494	Unknown Monument Gps of gravesite by Jerry Olson from cemetery records and Google Earth: 40°57'24.8" 76°53'21.2" ± 30 ft.	1868-1951	Born in Pennsylvania, Mary was living there with her widowed mother in Pennsylvania in 1900 together with two other children. By 1901 Mary was a Stenographer and Typewriter in the Surveyor General's Office of Joseph Perrault in Boise, being paid by the day. She continued at that into the regime of Ernest Eagleson in 1903 and 1907. Her initials were also on Mineral plats and notes in 1908.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Mary was photographed with the rest of the employees of the Montana Surveyor General's Office as a Clerk in 1909 and showed up in that capacity in the 1910 census. She was then living with her mother in Helena, Montana in 1910, apparently as the sole provider. The 1920 census showed her still in Helena as a Transcribing Clerk in the Surveyor General's Office as Minerva M. Thomas, living alone. She was photographed again in 1930 in a group photo of the staff of the Surveyor General's Office, as Minerva. The census had her back living with her</p>
									<p>Her mother died in 1931 in Helena, and Minerva signed as the person that provided the details on the death certificate. The remains were shipped to Lewisburg Cemetery, Pennsylvania. Minerva was in Pennsylvania in 1940 and in Lewisburg, Pennsylvania in 1950, the year before she died in Virginia. She never married and was a spinster all her life.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Thompson, Allen M. "Al"	Contract 2	1867	USDS		yes, from obituary	Died in Salem, Oregon of a stroke, buried in Salem Pioneer Cemetery, Lot 861, Space 4 SW, with his wife	Photo	1837-1889	Allen was born in Ohio as the brother of future Deputy Surveyor, David P. Thompson. David was in Oregon in 1853, and Allen was in Oregon by 1859, when he was a chainman for his brother on the extension of the Baseline to Umatilla. He was a chainman for Nathaniel Gates at Hermiston the same year and in 1860 was a chainman for Lafayette Cartee at Hood River. He began his career as a compassman for Lafayette Cartee on Contracts 94 and 96 at Hood River and The Dalles in 1860, surveying many townships. He switched to being a compassman for his brother, David, for several townships at LaGrande in 1863. Lafayette Cartee was named Surveyor General of Idaho in 1866, and Allen followed him to Boise Allen had received a Joint Contract with his brother and Bynon Pengra in Oregon in 1867, but did not participate in the survey.
									Peter Bell, Lafayette's brother-in-law surveyed the Boise Baseline both East and West and the Boise Meridian to the South. Allen surveyed the Prime Meridian North to the Clearwater River and the First Standard Parallel North West to the Snake River in 1867. He began with Idaho Contracts 3,5, and 7 in 1867. Allen surveyed Contracts in Idaho from about 1867-1885, and his entries account for 39 pages in the Idaho Index. He was living in Lafayette's House in Boise in 1870, along with Lafayette's brother-in-law, Peter Bell and sister-in-law, Henrietta Bell.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>David Thompson was named Governor of Idaho in 1875-76 and joined Allen in Boise. One of Allen's last Contracts in Idaho was to the extend the Boise Meridian to Township 60N and survey two adjacent townships. Samuel W. Lackland, an Oregon U. S. Deputy Surveyor, was the compassman. Later surveys note finding almost no corners, and the topog calls do not match at all.</p>
									<p>Allen married a hometown girl from Ohio, Mary Ann "Mattie" Martin, in 1875 in Tennessee after an engagement of seven years. He continued surveying Contracts in Idaho until at least 1885, but had returned to live in Salem in about 1880. Cartee left as Surveyor General in 1878. Allen was a boarder in Boise in 1880, probably in Idaho only to do a survey. He died of a stroke in Salem, Oregon at age 52 in 1889. Martha and two sons were living in Pendleton in 1900.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Thompson, David Preston	Contract 17 (by John B. David as compassman)	1869	USDS	see Jerry Olson	By Bill Glenn, see PLSO website: http://www.plso.org/surveyors/readfiles/EarlySurveyors-Thompson.pdf See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/thompsondavidpbio.pdf	Riverview Cemetery, Portland OR, Section 3, Lot 33, sp. 1. There is a fountain and a bronze statue of an elk, known as the "Thompson Elk" at the intersection of Main Street and the Plaza Blocks at SW 4th St. in downtown Portland, OR, dedicated by David.	Photo GPS position of tombstone by Jerry Olson: 45°27'53.6" 122°40'20.0" ± 12 ft. GPS position of Thompson Elk by Jerry Olson from Google Earth: 45°30'56.6" 122°40'38.9"	1834-1901	David was born in Cadiz, Ohio, the son of a miller, was trained as a blacksmith, and walked across the Oregon Trail in 1853. He financed his trip on the Oregon Trail by shepherding a flock of sheep all of the way to Oregon. After cutting wood and working as a blacksmith's assistant, he obtained a job in the winter of 1854 as a chainman for La Fayette Cartee, surveying DLCs along the Willamette River between Portland and Oregon City, and surveying the exteriors of the township at Camas. He received his first Contract in Oregon, a Claim Contract in 1856, and surveyed claims and townships nearly continuously until 1872, receiving 23 Contracts. When La Fayette Cartee, the old friend of David and his brother Allen, was appointed Surveyor General of Idaho in 1867, both of them started surveying Contracts there. David surveyed Contracts in Idaho from about 1869-1875, totalling about 65 townships, with many of them Indian Allotments.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He used compassmen on much of his work, including USDS John David, USDS John Meldrum, USDS Allen Thompson, USDS Matthew Murphy, and USDS George Newman. David stopped surveying when he was appointed Governor of Idaho in 1875, but Allen continued until at least 1883. David held a Joint Contract with his brother-in-law, John Meldrum and nephew, Rufus Moore in 1879, but did not take to the field himself. Nearly all of David's Contracts were on the East side.</p>
									<p>In 1859 he extended the Baseline East to the Blue Mountains, and surveyed the Columbia Guide Meridian North, almost to the Columbia River. Right after that, he was a compassman for Jared Hurd and Hamilton Maxon as part of WA Contract 50 to continue the Columbia Guide Meridian North to the Big Bend of the Columbia River in Eastern Washington. At the crossing of the Snake River, he made an error of 7 chains North by 15 Chains East, that is perpetuated today. He returned in 1861 to again be a compassman for Hamilton Maxon on Contract 60 in Washington. David surveyed portions of 8 townships along the Columbia, across from The Dalles and Boardman. As a Republican, he was the wrong political party to get his own Contract in Washington until after 1861.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>David returned from the surveying season in 1861 and married Mary Relief Meldrum in Portland. She was the sister to USDS John Meldrum and USDS Henry Meldrum and the sister-in-law to USDS Rufus Moore. From 1869-1874, he surveyed five Contracts in Idaho, mostly with Joint Contractors and mostly involving Indian Reservations. David's political activities included: Oregon State Senator 1866-72; Governor of Idaho Territory 1875-76; Oregon Legislature 1878, 1882, 1889; Mayor of Portland 1879, 1881; Elector and Delegate to the Republican National Convention 1884; Republican Candidate for Governor 1890; Ambassador to Turkey 1892-93; and ten years a Regent for the University of Oregon.</p>
									<p>David was an active and industrious businessman, and those ventures included: built the first RR in Oregon, around Willamette Falls at Oregon City; manager of Oregon City Woolen Manufacturing Co. 1866-68; member of the Willamette Falls and Locks Co., which built the locks in 1873; President of the Oregon Construction Co., which built much of the ORN RR; V. P. and a director of ORN RR; mail contracts 1872-78; organizer and President of Oregon Saving Bank; President of Commercial National Bank; and Director of 15 other banks.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>In addition to a luxurious house in downtown Portland, David and Mary maintained a large farm at Fishers Landing in Clark County, WA, where their epileptic son, Ralph, spent much of his time until he died there in 1945. David had just started on a trip around the world, when he became ill, returned to Portland, and died there a short time later of anaemia, due to stomach issues. The stock of the D. P. Thompson Company would later be valued at more than \$500,000.</p>
									<p>His son, Ralph managed the farm at Fishers Landing in Washington. Daughter Bessie was, among other things, the European correspondent for Outlook Magazine, and married a prominent attorney. Daughter Genevieve went to several colleges, mostly in Europe, and passed the bar, being qualified to practice before the Supreme Court. He has two statues in Portland in his honor, and claimed the naming of Bully Creek in Malheur County because of his crew shouting "Bully, Bully!" when he fell into the creek. David was 6' 2" tall with black hair. (biography)</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Thompson, Samuel H.	Contract 28	1871	USDS						
Thompson, William P.	Chief Clerk	1869	Ch Clerk			Died in Orange, Virginia, buried in Congressiona l Cemetery, Washington, D. C., Range 58, Site 210.	Photo Gps of gravestone by Jerry Olson from Google Earth: 38°52'51.1" 76°58'43.8" ± 20 ft.	1822-1907	William was born in New York as the son of an architect, and was still living at home as a clerk in New York City in 1850. He applied for a passport in 1849, and there was a William P. Thompson that kept a diary from St. Joseph Missouri to California via the Oregon Trail in 1850. He also kept a diary on his return home via Panama in 1852. William was in Oregon by 1857 and in 1859-60 he was the Draftsman in the Surveyor General's Office of William W. Chapman in Eugene, OR. He married in 1860 to Priscilla Page, an immigrant from Canada, and they had no children.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He lived in Boise, ID as a deputy Clerk for the District Court in 1867, just two doors from old friend, La Fayette Cartee. Cartee was appointed Surveyor General of Idaho in 1867, and William was named as Chief Clerk. He also was a reportedly excellent draftsman. He held the post of Chief Clerk until 1874 when he was named Register of the Boise Land Office. In 1873, he was noted as a Director of the First National bank of Idaho. William apparently left Boise by 1882, when he had an unclaimed package from his mother. On the side, he had produced a map of Boise in 1871. He was a surveyor for the U. S. in 1900, living with Priscilla in Front Royal, Virginia. He was 5' 7 1/2" tall with blue eyes and brown hair.
Thorn, William Henry "Bill"	Special Instructions	1897	USS	See Jerry Olson		Died in San Bernardino County, CA, interred at Hillside Memorial Park Mausoleum, Redlands, California	Photo Gps of Crypt by Jerry Olson from Billion Graves: 34°01'30.9 117°10'42.5" ± 20 ft.	1863-1963	Born in Iowa as the son of a farmer, William was in Iowa in 1870 and 1880; lived in Oklahoma Territory in 1890 and in about 1896; surveyed the Black Hills Forest Reserve in 1899 as a U. S. Surveyor; lived in Clifton, Wyoming as a civil engineer in 1900, living in a tent with his crew; was stationed out of Redlands, California beginning in 1902; and surveyed townships in Montana in 1904.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>William married Jessie Grant Emmons in Tacoma, WA in 1908, both for the second time. He surveyed the South and East boundaries of Mount Rainier National Park in 1906 as a U. S. Surveyor. Two of Jessie's cousins were on the Rainier survey crew. He finished the Boundaries started by Abner Dunnington in 1908, acting as an Examiner of Surveys. His survey of the Park was acknowledged by the Surveyor General of California. William was a Special Examiner of Surveys for the GLO in 1908-10, in Washington, Oregon and California at least. He made 26 examinations in Washington from 1909-10 and two in Oregon in 1908.</p>
									<p>From 1910 until 1912, he worked for the GLO surveying townships on the Fairbanks Meridian, following the controversy between the USGS and the GLO, where the GLO criticized the work of the USGS for using triangulation. It appears he found no discrepancies in the township exteriors surveyed by the USGS. He writes of his trip to Fairbanks from Seattle as taking a month; via Whitehorse, pulling sleds on the ice over Lake LaBarge, where they had to overnight on the ice without shelter; and via the Yukon River to Dawson, and then to Fairbanks. A boat he was on sank below Lake LaBarge, and they were picked up by a steamer.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									From 1912 until 1963 when he died, William lived in Redlands, CA, and from at least 1921-1947 he lived in a house with citrus trees in the back yard. He was retired by 1930. He is the namesake of Thorn Point, Thorn Meadows, and Thorn Meadows Campground, all in the mountains of Ventura California. See WA GLO Surveyors for the maintained version of this information
Tilton, James	Surveyor General	1854	Dem S G	see Jerry Olson	from Don Fitch, see Jerry Olson, From Seattle Times and Evergreen Surveyor	Died in Washington, D. C., buried in Oak Hill Cemetery, Washington, D. C., South Border 3, Plot 12, No Marker. No record online at Oak Hill, though. Wife Isabella buried in Ross Bay Cemetery, Victoria, B. C.	No Marker Gps of gravesite by Jerry Olson from Google Earth: 38°54'40.3" 77°03'18.7" ± 30 ft. Gps of tombstone of wife, Isabella, by Jerry Olson from Google Earth: 48°24'40.1" 123°20'22.7" ± 50ft.	1819-1878	James Tilton was born in Delaware and received an engineering education somewhere. His father was the Surgeon General during the War of 1812, and had served in the Continental Congress from Delaware. James was a Major in the Mexican War and was wounded at Chapultepec. He married Isabella Hanson Adams in Wilmington in 1848. He was a civil engineer in Madison, Indiana in 1849, until his appointment as Surveyor General in August, 1854.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>His brother, Hanson, and six other Clerks came first in December, 1854 across Panama. James arrived in San Francisco in February, 1855, having sailed around Cape Horn in The Phantom with his wife, children, sister Clara Sheets, nephew, Thomas Frost, sister Sarah Frost, James Tilton Sheets and a slave, Charlie. James had gone to Washington, D. C. for instructions. He left right away for Olympia and sent the rest on to Olympia later, arriving on March 30, 1855, some two weeks after James. James was a signer of the Point Elliott Treaty and the Quinault Treaty in about 1855.</p>
									<p>The Willamette Meridian had been extended to the Sound, and many townships were already surveyed south of Olympia. He determined, in order to speed up the surveys near Seattle, to create a new Meridian, the Puget Sound Meridian, and had it surveyed. The Commissioner in Washington, D. C. severely chastised him and made him undo it, changing it to the Puget Sound Guide Meridian. When the Indian War broke out a year after his arrival, he was named Brigadier General and Adjutant General, under Governor Isaac Stevens, and occupied his time doing that for about 2 years. Some Hudson's Bay settlers were accused of harboring Indians and were jailed by the Volunteers, who had declared martial law. When told by the Supreme Court that action was illegal, Stevens and Tilton jailed Supreme Court Justice Lander. All were eventually released.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>James rewarded many who backed him at that time with survey Contracts. When Lincoln was elected, Tilton was replaced in 1861. The newspapers were critical of his pro-slavery views, and questioned his loyalty to the Union. He challenged John Miller Murphy to a duel. While a USDS, the future Surveyor General, Anson Henry, attempted to bribe Tilton with no success. The family slave, Charlie, escaped from Olympia in 1860 and stowed away aboard the Eliza Anderson, but was found before reaching Victoria. The British Government seized Charlie at Victoria and freed him. Tilton wrote that he had contracted to rent him from a relative in Maryland, Rebecca R. Gibson. She was the grandmother of Edward Gibson and the step-mother of James Tilton's wife.</p>
									<p>James was an Olympia City Trustee in 1862, a Regent of the University of Washington from 1864-65, and ran for Congress, losing to Arthur A. Denny, whom he had replaced as the leader of Company A of the Volunteers. From 1866-67 he was Territorial Treasurer. In 1867 he was placed in charge of the Northern Pacific Railroad surveys in Washington, when they explored several passes across the Cascades, and built the line from Kalama to Tacoma. Jared Hurd and William H. Carlton worked under Tilton at this time.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									In 1871 he was in charge of the Walla Walla and Columbia River RR, and in 1873 made preliminary designs for the city of Tacoma in a "grid" pattern. He filed the plat of Newaukum in 1872 in Lewis County, and in 1874 he completed the survey of a RR over Snoqualmie Pass. James moved to Georgia in 1874 and continued his private practice of civil engineering, designing improvements on the upper Coosa River. He was appointed Chief Engineer and Inspector for the water supply of Washington, D. C. and Georgetown, and was living there when he died in 1878. James is buried in an unmarked grave in Oak Hill Cemetery in Washington D. C. His wife Isabelle is buried in Ross Bay Cemetery in Victoria, B. C.
Tompkins, Ruby W. Miss "born, married and died as Olive Ruby"	Clerk	1901	Dr/Clerk		yes, a very short one from her obituary.	Died in Butte, Montana, buried in Mt. Moriah Cemetery, Butte, Montana		1879-1916	Born in Idaho as Olive Rose Tompkins, Ruby's father died when she was a baby, and she became a school teacher in Portland, Oregon in 1900, living with an aunt and uncle. She was a Typewriter in the Idaho Surveyor General's Office of Joseph Perrault from 1900-1901. Ruby married George Henry Bowen in 1913 at Anaconda, Montana, and they had no children. Ruby died of hepatitis in Butte, Montana in 1916.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Tone, Bert Leonard	Clerk	1907	Rep Dr/Clerk			Died in Los Angeles, California		1889-1977	Born in Iowa the son of a barber, Bert came to Idaho with his family by 1899. He finished two years of high school before his father died in 1905, and Bert was appointed as the Messenger to the Surveyor General's Office in Boise by 1907. He owned a cigar store in 1910 and helped his mother with a small rooming house. Bert married Marion Adaline Paull in Ashland, Oregon in 1910, and they had one daughter. They moved to Orange California by 1918 where Bert was a bookkeeper for a newspaper. Bert was not married in 1920, living with his mother in Los Angeles, and working as a clerk for a railroad. He continued in Southern California with his mother until he died there at age 88 in 1977. His mother died in 1947 and his ex-wife in 1977.
Towne, Elmer Charles	Mineral Surveys	1888	USDMS		yes, a very short one from his obituary.	Buried in Morris Hill Cemetery, Boise, Idaho	photo	1860-1933	Born in Maine, Elmer graduated from Maine State College and headed West to Montana. He was in Helena as a surveyor in 1880 and received at least four Contracts in Montana from 1881-84. Elmer moved to Elmore County, Idaho in 1889 and surveyed 30 Mineral Surveys there from 1889-84. He married Bessie Moore in Boise in 1892 and was a mining engineer in Rocky Batt, Idaho in 1900. Elmer was again a mining engineer in 1910 and a manager of a mine in 1930, both times in Pine Grove in Elmore County. He died of a stroke in Pine, Idaho in 1933

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Trask, George R.	Special Instructions	1889	Dem USDMS USDS		yes, from newspaper article in the Wallace Miner, 10/17/1912	Died in Wallace, Idaho by suicide from a gunshot to the mouth. Cremated and buried beside Estelle Trask in Pines Cemetery, Opportunity, WA.	photo	1854-1938	<p>ID PLS. Born in Massachusetts the son of a tin plate maker, George was first employed by the Corps of Engineers out of Portland, Oregon, first at Cascade Locks, then on jetty construction at the mouth of the Columbia. He lived in Murray, Idaho in 1889 and Wallace, Idaho in 1900. George married Estelle Thibadeau in Murray in 1889. George was a mining engineer in Wallace in 1900, and died in Wallace. He first came to the Coeur d'Alene Region in 1883 where he was employed in nearly all the producing mines in the region. George surveyed 157 Mineral Surveys containing 287 Mining Claims in Idaho from 1883 to 1910 and the surveyed 11 more Mineral Surveys from 1914-24.</p> <p>He was in management on the Kill Buck, Sunset, Gem Mine, and was the only engineer employed on the Mammoth Mine for eight years before it was sold to Federal Mining Company. As Shoshone County Surveyor for many years, George surveyed many of the critical roads in the valley. He was always listed as a Mining Engineer in Wallace from 1910 to 1930. George committed suicide at age 82 by a gunshot to the head in the City Park in Wallace, Idaho in 1938.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Trengove, Samuel R.	Mineral Surveys	1900	USDMS			Buried in Mariposa IOOF Cemetery, Mariposa, California	photo	1845-1922	Born in England, Samuel married his wife, Mary Ann Pelmeur, in England in 1871, and they had three children. He immigrated to the United States in 1876, was a miner in Plumes, California in 1880 and in 1895, and a gold miner in Mariposa County, California in 1900. Samuel was noted as living in Mullen, Idaho in 1899 when he was appointed a U. S. Deputy Mineral Surveyor in Idaho. There are no surveys in the record by him. He lost in a race for Shoshone County Commissioner in 1898 as a Republican. He was again a gold miner in Mariposa County, California in 1910 and died there in 1922.
Trippet, William Kenneth Sr. "Will"	Special Instructions	1900	SES USDS			Buried in Whitefish Cemetery, Whitefish, Montana	photo Gps of gravestone by Jerry Olson from Billion Graves: 48°24'40.2" 114°21'25.6" ± 20 ft.	1881-1942	Born in Indiana the son a lawyer, Will attended the College of Montana and then graduated from the University of Michigan in 1899. He was a surveyor in Deer Lodge in 1900 and a USDS in Montana in 1903 before being appointed a Special Examiner of Surveys to assist Marion P. McCoy in the survey of Fort Sherman in Idaho in 1904. Will was married to Florence Belle Atwater in Whitefish in 1904, and they lived in Whitefish the rest of their lives and had 8 children. He performed two Homestead surveys in Montana in 1908 and 1911 as a U. S. Deputy Surveyor. Will was in the lumber business in Columbia Falls in 1913, the City Engineer of Kalispell in 1915, and a civil engineer for the City of Whitefish in 1913, a civil engineer in general practice in Whitefish from 1920-30, and retired in Whitefish in 1940.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Trolson, Jacob Hans	Mineral Surveys	1900	USDMS			Buried in Masonic Cemetery, Austin, Nevada	photo Gps of gravestone by Jerry Olson from Billion Graves: 39°30'03.3" 117°05'04.7" ± 10 ft.	1860-1928	Jacob was born in Utah and lived in Austin, Nevada in 1896 when he married Regina Smith and in 1897 when their first daughter was born. He lived in Silver City, Idaho in 1899 as a surveyor and Florida, Idaho in 1900-01 as a surveyor, in all performing 12 Mineral Surveys in Owyhee County from 1900-1901. Jacob was the assayer for the Blaine Mine in Silver City for four years until he left to go back to Austin, Nevada in 1903. He was an assayer in Austin in 1910 and died there in 1928.
Trowbridge, William Petit Jr.	Special Instructions	1894	EX	yes		buried in Tacoma Cemetery, Tacoma, Washington	photo	1861-1933	Born in Washington D. C. the son of a Brigadier General with the same name, William lived at home with his family in 1870 in Astoria, New York, was student in grammar school in New Haven in 1873. He attended Columbia College, School of Mines and was still a student at Yale at home in New Haven, Connecticut in 1880-1881 at age 19. William took a job with the USGS hydrographic unit at Delaware and then New York. After that he was engaged in irrigation surveys out West with USGS.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>William was reported in the West engaged in the Geological Survey in in 1893 in Idaho doing several thousand acres of quadrangle maps. While he was there, he examined three Idaho Contracts for Survey for the GLO in 1894. In 1894, William became assistant Land Commissioner for the St. Paul and Duluth Railroad until they sold to NPRR, His father died in 1892, and William was living with his mother and the rest of the family in New Haven in 1900 as a Land Commissioner.</p>
									<p>William began working for the Griffin Wheel company at Kansas City, Detroit, and then Tacoma. He was in Tacoma, Washington when he married Grace Thorp Derrickson in 1904, the daughter of a lumberman.. They had no children. By 1910 William was a clerk in Real Estate, continuing to at least 1920. He was reported associated with the Tacoma Land and Improvement Company at some time, associated with NPRR. From at least 1928-1930, William was in the City Engineering office in Tacoma, with at least some time as City Engineer.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Truax, Sewall	Special Instructions	1868	Rep USDS	see Jerry Olson	see Jerry Olson, From Book, Go To: <a href="http://www.ols
onengr.com/do
wnload/globios
/truaxsewellbio
.pdf">http://www.ols onengr.com/do wnload/globios /truaxsewellbio .pdf	Died of cirrhosis of the liver in Spokane. Buried in Walla Walla in the Masonic section of the Walla Walla City Cemetery. Grave MA 3- 5-2.	See Jerry Olson Gps of tombstone by Jerry Olson: 46°02'43.8" 118°19'37.3" ±9 ft.	1830-1894	Born in Canada of American parents, Sewell moved with his family to Vermont in 1850, where he attended Norwich University for three years, and graduated in civil engineering. He left in 1851 to engage in surveying for railroads, until 1853 when he came across the Oregon Trail. He worked as a chainman for Ives and Hunt in 1854 in Washington and as a compassman for Anson Henry in 1853 in Oregon. Sewall then became a compassman for Ives, Hyde and Lake in the Rogue Valley from 1854-55, and after that surveyed three Claim Contracts and four Contracts on his own in Oregon from 1855-58, in the Rogue Valley and the Southern Oregon coast. He served as a Major in the Oregon Cavalry during the Indian hostilities in 1855-56. At one time he was County Surveyor of Jackson County. He was a survey examiner for four Contracts on the Oregon coast in 1857-58. Sewell used small crews from a consistent pool of crewmen, and did the work himself on the surveys.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Sewell returned East to marry Sarah Chandler from Canada in 1861, and returned with his new wife to Jacksonville via Panama. In that year he raised a Company of Volunteers for the Civil War, the First Oregon Cavalry, and was named Captain. He was transferred to Fort Walla Walla as Major in charge, and then to Lapwai, Idaho until 1864. He left the Army and owned a store at Lapwai for several years with his brother Charles. He was awarded a small Contract in Idaho on the Snake River in 1868.
									He returned to Walla Walla in 1870 and spent two years as Superintendent of Construction of the Walla Walla and Columbia River RR as surveyed by James Tilton, the first RR in Washington. He then moved to a farm North of the high bluffs above the Snake River, where he invented a grain chute to move his crops to the Snake River from the high prairie, ending at the bottom of the steep bluff, where he maintained warehouses on the Snake River.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>From 1865-67 Sewall was the engineer for Wellington Bird for the Lewiston, Idaho to Virginia City, Montana Wagon Road. Lewiston was the Idaho State Capital in 1865, and Sewell was twice dispatched to seize the State records to spirit them away to Boise. His nephew Edson Briggs arrived in 1873, and he and Sewall surveyed several joint contracts until 1880. Sewall also partnered with Levinus Swift and John Snow, and surveyed some on his own. In all, Sewell would be involved in 13 Contracts, totalling 247 townships and approximately 14,000 miles of line. They were almost all in Southeastern Washington, surrounded by Clarkston, Spokane, Moses Lake, and Pasco. His joint Contracts were shared in a checkerboard manner, and there is no record of him ever using a compassman. He notarized all of the oaths.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									For some reason his last Contract, Number 270, has copies of rejected plats of 40 township exteriors at the National Archives. Sewell's half-brother, Stephen Truax, came to Washington briefly in 1880 and received a Contract. Sewall was a Member of the Washington Territorial Council from Walla Walla in 1883-84, serving as President, and by 1889 he was living in Spokane. He was appointed an Examiner of Surveys by the GLO in 1893, and he examined 9 Contracts in Washington. Sewall died in Spokane in 1894 of cirrhosis of the liver. His children were well educated. He has papers at OHS. See WA GLO Surveyors for the maintained version of this information.
True, Edward Blanchard	Mineral Surveys	1882	Dem USDMS		yes, from "History of Idaho"	Died in Idaho City, Idaho of pneumonia, buried in Maine		1850-1913	Born in Maine the son of a prosperous farmer, Edward graduated from Tufts University in 1872, and soon moved to Lewiston, Idaho where he was a teacher for 4 years. Edward returned to Maine for a year, and then moved back to Idaho at Warren where he took charge of the Rescue Mine. He was elected to the Legislature in Idaho in 1880 and after completing his term settled in Wood River. While there as a mining engineer, he managed several porperties and began

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Trumbull, Charles	Mineral Surveys	1889	USDMS			Buried in Los Angeles National Cemetery, Los Angeles, California	photo	1846-1917	Born in Illinois, Charles enlisted in the Civil War in 1862 from Illinois and was discharged in 1865. He was a civil engineer in Alameda, California in 1889 and served as a USDMS in Idaho from Spokane in 1889-1900. Charles was an engineer of GNR in Spokane in 1902, and at that time he was named the assistant engineer in the State Land Office in Olympia. He had returned to Spokane in 1908-10 as a civil engineer. Charles checked into the disabled soldiers home in California in 1917 and died there in 1917 soon thereafter.
Turley, Omner Jay "Jay"	Contract 199 (with William Alley)	1899	USDS USDMS	yes	yes, from book	Died in Santa Fe, New Mexico, buried in Santa Fe National Cemetery	photo	1877-1942	Member ASCE. Born in Utah the older brother of Walter Jay Turley, Jay ran away from home to attend Oregon State College in 1894, but did not graduate. He was in Idaho as a member of the Idaho National Guard from 1894-98. Jay was a crewman for William Alley in 1898 and received a Joint Contract with him in 1899 for 16 townships near Rexburg.
									The exteriors had been surveyed by J. L. McCoy of the Benson Syndicate, and they all had to be retraced or resurveyed. They both signed all the oaths. Jay was bonded as a USDMS in Idaho in 1899, but did not finalize a plat. He was noted as a civil engineer in Meridian, Idaho in 1900, and then was a Deputy Surveyor in New Mexico from 1900-06, before moving to Santa Fe by 1906.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Jay married Urna Bradford Hickox in Santa Fe in 1904, and they had 5 children. Beginning in 1901, he was an active engineer in irrigation projects and court disputes, including projects on the San Juan river. He was a civil engineer with his brother in Turley, New Mexico in 1911. Jay was admitted to the bar in New Mexico in 1916 and to the U. S. Supreme Court in 1921. From 1917-19 he was a Captain in the U. S. Engineers at Fort Lewis, Washington.. Jay received more education at the University of Texas and George Washington University.
Turley, Walter Guy	Contract 253 (with Oscar Sonnenkalb)	1904	USDS	yes		Died in Santa Fe, New Mexico, buried in Fairview Cemetery, Santa Fe, New Mexico	photo GpS of gravestone by Jerry Olson from Billion Graves: 35°40'31.5"N 105°57'32.4" W ± 10 ft.	1881-1966	ID PLS 89. Born in Idaho, the brother of Jay Turley, Guy was a chainman on his brother's Joint Contract with William Alley in 1899. He received his only Contract in Idaho in 1904 with Oscar Sonnenkalb for 5 townships North of Grangeville and they shared the work. . Guy graduated from the University of Idaho in 1905 in Civil Engineering, and he was noted in geological research papers shortly thereafter, associated with the University. He was a civil engineer at both Turley, New Mexico and Farmington, New Mexico in 1906 and was a civil engineer at Aztec, New Mexico with his brother in 1911. Jay worked for the government in Rio Arriba in 1918, for the City of Santa Fe as a civil engineer in 1920 and in private practice there in 1930 and 1940. He was an engineer in Santa Fe and died there in 1966.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Turner, Franklin P.	Contract 235	1902	Dem Soc USDS		yes, from History of North Idaho	Turner Cemetery, Kooskia, Idaho, private cemetery on private land, but has a family monument and gravestone.		1854-1916	Born in Indiana, Franklin was raised in Kansas, went to the normal School, studied civil engineering at Kansas State College before going to Colorado in 1870. He soon returned to his studies, and was also trained in a drug store. He was in various places in the Plains States until 1880, when he began working for the railroads in the Southwest. He finally ended up in Camas Prairie in Idaho County in 1884 and married Elenor M. Wilmot. They produced five children. Franklin was elected Idaho County Surveyor in 1885 and served until 1889.
									Franklin purchased the Alta Idaho Area, a populist newspaper, which became a Socialist one in 1899. He received Contract 235 from the Idaho Surveyor General in 1902 for three townships, a Guide Meridian and a Standard Parallel between McCall and Orofino. He did not execute the Contract, and the work was given to others. He died of stomach cancer in Idaho County in 1916

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Turpin, Horatio Harris	Chief Clerk	1854	Dem Ch Clerk			Died in Carrollton, Kentucky. There is a small cemetery on the Turpin home place, and his parents and several others are buried there. Since he was a widower when he died, that is his likely burial spot.		1815-1864	Born in Virginia, Horatio's family came to Kentucky before 1820. His father served in the Kentucky legislature and owned a 4300 acre farm in Gallatin County, approximately at the intersection of I-71 and the Warsaw-Sparta Road. He died in 1826, and Horatio inherited 10% of the farm in 1838. Horatio was educated at Hanover College at Madison, Indiana and was a classmate of George Whitworth. His father also had a regular correspondence with Thomas Jefferson, who was a close relative. He married Mildred J. Hawkins in Carrollton in 1848, but they had no children. There were children of relatives living with them in 1850, and Mildred had died by 1860, maybe even before Horatio came to Washington.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Horatio owned 11 slaves in 1850, but gave them up to come to Washington when appointed as Chief Clerk by James Tilton in 1854. He was in Olympia with his nephews as Clerks in December, 1854, long before James Tilton arrived. Tilton also named him to examine the ill-fated Contract of Thomas Frost to survey the Puget Sound Meridian in 1855. The Indian hostilities in Washington ended his career there, and he was back in Carrollton, Kentucky by 1858. He sold most of his inheritance in 1858 and 1860, plus significant acreage he had acquired along the Warsaw-Sparta Road,. Horatio was living with his aged mother in Carrollton in 1860. He died there in 1864 from an illness as a result of his trip from Washington Territory, probably either Yellow Fever or Malaria. He was the uncle of Peterfield Turpin, George Bright, and Adam Lockett.
Utter, Darwin A.	Mineral Surveys	1900	USDMS USDS S G		yes, from History of Idaho	Died in Mountain Home, Idaho, cremated in Portland, Oregon. His mother is buried in Mountain Home Cemetery		1860-1935	ID PLS 14. ID PE 158. Darwin was born in Pennsylvania, raised on a farm in Michigan, and educated at the University of Michigan in Civil Engineering until 1881. He married Margaret "Maggie" Kimbell in Michigan in 1884. He was a surveyor and an inspector of timber and mineral lands in the years after school, before becoming a supervisor of construction for UPRR in the Northwest. He opened his own engineering office in Weiser, Idaho in 1899, where he began the private practice of civil engineering for five years.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He was elected Washington County Surveyor in 1900 and also appointed as a U. S. Deputy Mineral Surveyor in Idaho in that year. His projects included the electric light and power plant, a new sewer system and the Weiser Irrigation District. Darwin expanded to do irrigation-canal projects in other locations of the state, and as Chief Engineer for the Dead Ox Flats District, he refined the process of pumping water from the Snake River. As Chief Engineer for the Chicago and Northwestern RR, he surveyed a railroad from Huntington, Oregon to Homestead, Oregon, up the Snake River. He then continued that survey to Lewiston.</p>
									<p>During the Spanish-American War, Darwin was a special agent and visited all the important seaports of the world. In 1904, he received a Contract by Special Instructions from the Oregon Surveyor General to survey Porters Island in the Snake River just West of Weiser. He was examined in 1905 and approved.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Darwin organized the Idaho Society of Engineers and Surveyors in 1908, which transformed into the Idaho Society of Engineers in 1910. He was the first President for two years. Darwin was also appointed the Surveyor General of Idaho in 1908, and was reappointed in 1912. During his first term, it is reported that he perfected the Direct System of Surveying, and had an Idaho Senator file legislation to make it law. This required the surveys to be done by direct employees of the government, rather than Contract surveyors, and required the use of brass caps at corners. It was adopted in 1909, effective in 1910.</p>
									<p>In the spring of 1913, after retiring as Surveyor General, Darwin completed a seven-month tour of the Orient. He was sent out by a syndicate of timber interests and capitalists to analyse the possibilities of harvesting commercial timber in the Philippines. They had secured a 1000 square mile concession for timber harvest in The Philippines. Darwin would make several trips to Manila over the years. In 1916, he accepted the office of U. S. Land Commissioner at Mountain Home and had an office there until 1923. He was also a Justice of the Peace, trying many cases, including at least one for murder. During this period, he was publishing poetry in the Mountain Home Republican.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									He was still with Maggie in 1920, but was alone in 1930, listed as a widower. After 1920, Maggie and their daughter, Emma, were living in Boise, where Emma was going to high school. Darwin quit his position of U. S. Commissioner in March, 1924 and announced he was moving to Colorado. Maggie did not go with him. After another trip to Manila, Darwin was listed in Colorado as marrying Matilda Hoff in August, 1924, just after his return. That is the only source for his middle name being Averell. He was absent from Mountain Home until at least 1926. He married again to Emma L. Blunk in Jerome, Idaho in 1931. Darwin was a civil engineer continuously until his death at. He died of cancer in Mountain Home in 1935.
Van Schravendyk, Henry Adrian	Mineral Surveys	1907	USDMS	photo		Buried in Hope Cemetery, East Hope, Idaho	photo	1874-1960	ID PLS 94. Born in Holland, Henry came to the United States with his family as a baby in 1874. They were in Minnesota from 1876-80 and North Dakota from 1885-1900, all this time as farmers. By 1905 they had moved to Hope, Idaho, where Henry was a surveyor. He performed two Mineral Surveys in Bonner County, Idaho in 1907 and was a surveyor in Hope in 1910 In that year he married Augusta Beck in Iowa.
									He and Augusta adopted Lorraine Goodman in about 1917. Henry was still a land surveyor in 1920, but by 1930 and thereafter, he was listed as a farmer in Hope until he died there in 1960.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Vaughn, Zenas Newton	Mineral Surveys	1902	USDMS			Buried in Pioneer Cemetery, Boise, Idaho, Block 5, Lot 14 Space 3	photo	1858-1915	<p>ID PLS 28. Born in Illinois, Zenas graduated from the University of Minnesota in 1884. He married schoolmate Anna Helen Bonfoy in 1885, and they had six children, four of whom died before adulthood. Zenas was the principal of a high school in Laverna, Minnesota from 1886-88 and the same at Red Wing from 1888-94. He divorced by 1900, and remarried to Mary E. Barry in 1901, the head of a training school for teachers, and they had one daughter. Anna kept the children, never remarried, moved to California, and later became a teacher.</p> <p>Zenas moved to Idaho by 1901 and worked as a civil engineer or surveyor all the time he was there. He received Mineral Survey 1773 in Thunder Creek Mining District in Idaho in 1902 and Mineral Survey 2357 in 1906 Northeast of Mountain Home. Zenas was the City Engineer of Boise in 1908 at a time he had thrown his hat into the ring in competition for the Job of Idaho Surveyor General, won by Darwin Utter. The 1910 Censes listed him in Boise as a civil engineer in irrigation. Mary died in 1912 and he remarried to Leota Love Lieurance in Boise in 1915. Zenas was killed in a runaway team accident in 1915, only a few months after the marriage, and is buried in Pioneer Cemetery in Boise. It appears that Leota had to defend his estate from more than one legal challenge, only a short time after their marriage.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Vernon, Joseph Cyrus	Special Instructions	1909	USDS			Buried in Pinecrest Cemetery, Sandpoint, Idaho	photo	1874-1961	<p>Born in Indiana, Joe attended three years of college and taught school after he finished. He married in 1906 there to Grace Goings Reed, a widow with one daughter in Indiana in 1906, and they had two more daughters. They moved to Shoshone, Idaho by 1909 when Joe received a Contract by Special Instructions for one township just Northeast of Ketchum. Joe was a civil engineer in Shoshone in 1910 with his family and Grace's father. Sometime about 1913, Joe and Grace either divorced or separated, because they had a daughter born in Indiana, and in 1918 and 1920 Joe was a civil engineer or surveyor in Shoshone, but without Grace.</p> <p>Joe remarried to Minnie J. Leach in Sandpoint in 1927, and he was a civil engineer in drainage in Bonners Ferry in 1930 and County Surveyor in 1940. Joe was Boundary County Engineer at age 75 in 1950 with a house full of lodgers. Minnie had died in 1949, and Joe died in 1961.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Voight, Emil F.	Mineral Surveys	1891	USDMS			Buried on Copper Mountain, Princeton, B. C. in a small cemetery for Emil, his wife and son.	Photo	1857-1927	<p>Emil was born in Germany and was in Baker City, Oregon by 1886 when he married Mary A. Downie, the daughter of a long time miner. He began Mineral Surveys in Oregon in 1888 in Union County in the Granite Mining District, and between then and 1894, completed 32 Surveys involving 49 Mining claims. They were all out of Baker, and most were in the Sumpter Mining area. He usually used a different crew on each survey, and used his brother-in-law, Archie Downie on a few. He surveyed a Placer Claim for his father-in-law, which was named after his mother-in-law.</p> <p>He then worked as a mining engineer in Rossland, B. C. before coming to Princeton, B. C. in 1898. Emil was noted in the Yale-Cariboo area in the 1911 census. He was a mining engineer at Princeton, and he and his wife filed many Claims, becoming the "King of Copper Mountain". All 52 of their Claims were sold after his death at Princeton, because he had refused all sales while he was alive. Grandby Mining Company had been mining on Copper Mountain for some years before Emil died.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									The current aerial photography of Copper Mountain shows a nearly 3000 acre open pit mine. Emil and Mary are buried in a small, remote cemetery near the top of Wolf Hill. Their son, Victor, is buried between them, and Emil's horse is buried nearby. In the next 70 years, over six billion dollars of copper would be extracted from that Copper Mountain site. He is the namesake of Voigt's Camp, British Columbia, and he named nearby Victor Lake after his deceased son.
									The current aerial photography of Copper Mountain shows a nearly 3000 acre open pit mine. Emil and Mary are buried in a small, remote cemetery near the top of Wolf Hill. Their son, Victor, is buried between them, and Emil's horse is buried nearby. In the next 70 years, over six billion dollars of copper would be extracted from that Copper Mountain site. He is the namesake of Voigt's Camp, British Columbia, and he named nearby Victor Lake after his deceased son.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Contract 128 (as compassman for W. Clayton Miller for portions)	128	#REF!	SES USDS Comp	yes		Buried in Evergreen Cemetery, Menomonie, Wisconsin	photo Gps of tombstone by Jerry Olson from Google Earth: 44°53'19.7" 91°54'39.9" ± 20 ft.	1854-1907	Born in Wisconsin, Daniel was at home until 1879 when he married Harriet Jane "Hattie" Stevens in Wisconsin, and they had four children. He was Dunn County Surveyor there for 27 years, beginning in about 1880. There are many newspaper stories about his surveys over that time. Daniel first showed up in Idaho as the compassman for W. Clayton Miller on the 10th Standard Parallel, R2.3. 4E. He was appointed a Special Examiner of Surveys to at least examine Contract 137 of Frederick J. Mills in Edaho in 1892.
									Several months later Daniel was named to examine the survey of Amos Robinson on Contract 138. In 1893, Daniel received Joint Contract 154 with John R. Stephenson for 10 townships Southwest of Orrofino, and they were all surveyed by Daniel. They also received Contract 156 for three townships and a Standard Parallel in the same year and that was also surveyed by Daniel. Daniel did up the notes in Wisconsin and they were notarised in by the county "clerk" there. Daniel returned to Wisconsin and received a Contract there to survey an island in a lake. His signature was the same as the Idaho Contracts. He was a surveyor in the 1900 and 1905 censuses. Daniel died in 1907 by falling down the back stairs of the Olson boarding house after midnight on a Friday in Menomonie, He fractured his skull and was not discovered until morning.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Waldron, Joseph W.	Contract 245	1903	Dem USDS			Schoshone Cemetery, Shoshone, Idaho	photo	1856-1906	ID PLS 70. Born in Maryland, Joseph lived in Shoshone, Idaho by 1896 when he ran for District Court Clerk and incorporated the Bonanza Power and Land Company with others in 1898. While he was County Surveyor of Lincoln County in 1903, Joseph was awarded Contract 245 for four townships near Hailey. He was appointed a U. S. Commissioner out of Shoshone in 1903 and 1905 and died there in 1906. It appears Joseph never married.
Walters, Harry Parker	Contract 268	1905	USDS	yes	yes, in obituary but cannot get a copy	Buried in Kingscreek Baptist Church Cemetery, Kings Creek, Ohio	photo	1880-1953	Born in Ohio, Harry was living with his older brother, Charles, in Allen, Ohio in 1900 as a freight handler for a RR. He married Desse H. Madden in Champaign County, Ohio in 1904, and they had one son. Desse had attended two years of college. Harry was awarded Contract 268 in Idaho in 1905 for 10 townships, four in the very Northern Panhandle, and four generally South of Boise.
									He was a civil engineer in Kalispell, Montana in 1910, a civil engineer running a blueprint company in Great Falls in 1918, a civil engineer in construction in 1920 in Great Falls, Montana and in 1930 in Urbana, Illinois. Harry was County Engineer of Champaign County Illinois in 1940 and retired in Kingscreek, Illinois in 1942 and 1950. He died in Kingscreek in 1953.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Wardwell, Frederick Newton	Contract 314	1909	USDS	yes		Buried in Elmswood Cemetery with his wife and family in Adams, New York	photo	1884-1966	ID PLS 175. Born in New York, Fred was raised there until at least 1900, when he was with his family in Brooklyn as a student. He graduated from Rutgers University in about 1905 and in Idaho in 1908 when he purchased 400 acres with others near Jerome. Again with others, he incorporated the Pioneer Ice and Fuel Plant in Twin Falls and proceeded to build it in 1908.
									Fred was with the engineering firm of Berg and Wardwell in Twin Falls before he was named Deputy Recorder for the County at Jarbidge, Idaho in 1910. Fred received Contract 314 in 1909 for two townships way North of Redfish lake in Central Idaho and surveyed them in 1909. In 1910 he joined the Direct system and surveyed many townships in Idaho as a Transitman and then a U. S. Surveyor, lasting until about 1915. He surveyed in Arizona and Louisiana in 1918 in the same capacity. Fred was back in the Bronx as an engineer for a railroad in 1918-20. He married Smith graduate, Helen Elizabeth Hannahs, in New York in 1924, and they had no children.
									Fred worked a s salesman in Utica, New York in 1930 and moved to Sacramento, California by 1940, where he worked for a cable company. He moved to Portland, Oregon by 1950 where he was the manager of a wire company. Fred died in Portland in 1966..

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Warner, John Frank "Frank"	Special Instructions (as transitman for Howard B. Carpenter)	1904	Comp			Buried in Hollywood Forever, Hollywood, California, Garden of Memories, Sec. 6, Lot 387	photo	1858-1924	<p>Frank was born in Michigan in 1857, the son of a wagon maker. He was living at home in Flushing, Michigan in 1880 as an engineer and received a \$12,000 Joint Contract in Wyoming with Howard B. Carpenter in 1891. He married 28-year-old Mrs. Angene "Jennie" Hollywood Ward in 1897 in Big Horn County, Wyoming, and they had one daughter. Jennie had married in Wyoming the first time at age 15. Frank was appointed the Enrolling and Engrossing Clerk to the Wyoming Senate in 1899 and 1901. He was a U. S. Deputy Surveyor again in Wyoming in 1897-99 for several Contracts, partnering with Sidney Blout and Fred Fink, and was listed as a surveyor in Cheyenne, Wyoming in 1900.</p> <p>Frank served a Special Examiner of Surveys in at least Oregon in 1902, examining three Contracts and was reported in the newspapers as surveying part of the boundary of Crater Lake National Park. Frank moved on to Alaska in 1903, where he was again a Special Examiner of Surveys, and among other things, reported on the locations needing the extension of surveys in 1904. Howard Carpenter was awarded a Contract in 1904 under Special Instructions to survey over 700 miles of the Boundary of Idaho and Montana that follows the watershed line of the Bitterroot Crest. Frank was his transitman for the 21 man crew, and the survey took four seasons to finish. It appears Frank spent the winters surveying in New Mexico.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Frank joined the Direct System in 1911, and spent a lot of time in Alaska, where he surveyed the plats of Anchorage in 1915 and Girdwood in 1918. Jennie and their daughter were living in Los Angeles in 1920, with Jennie listed as married, but not with Frank, who was in the Register of 1920 as promoted to Assistant Supervisor of Surveys (Head) in some GLO District(s) that included Alaska. Frank died in Los Angeles in 1924, with Jennie eventually buried beside him some 30 years later. Jennie had a widowed twin sister living with her from 1930 on, and she is also buried next to her.
Way, Ina L. Morgan Mrs.	Clerk	1897	Dr/Clerk			Died in Boise, Buried in an unmarked gravesite in Pioneer Cemetery, Boise, Idaho, Blk 2, Lot 21, Sp 2. Gravesite is listed for A. P. Way, but contains a 30-year-old female that died in 1897.	No Marker Gps of gravesite by Jerry Olson from Cemetery Records: 43°36'38.96" 116°11'19.4" ± 10 ft.	1867-1897	Born Ina L. Morgan, Ina married Arthur Paul Way in Kansas in 1888, and they came to Boise in 1891. She was appointed a Stenographer in the Idaho Surveyor General's Office of Joseph Perrault in December, 1897 because her predecessor was fired for political reasons. Perrault's mass firing of the previous regime was in violation of the Civil Service Act and those fired received back pay sometime later. Arthur was the proprietor of Way's Business College.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Ina died of a self imposed overdose of morphine on December 18, 1897 in Boise. Her husband remarried the next year to Emma R. Rickenberg in Boise, a 20-year-old stenographer. In 1900, Thurse Way, Arthur's mother and a national leader in the Women's Suffrage Movement was living with Arthur and Emma. Her sister, Amanda, another Suffragette, was also living in the household.
Wenz, Edward Lucas	Clerk	1909	Dr/Clerk		yes, short one in marriage announcement	Buried in Fort Meigs Cemetery, Perryburg, Ohio.	photo Gps of gravestone by Jerry Olson from Billion Graves: 41°33'16.7" 83°38'30.3" ± 20 ft.	1885-1935	The 1909 Federal Register listed Edward L. Wenz as a draftsman for the GLO in Boise, Idaho at 5\$ per day, born in North Dakota. There was an Edward Lucas Wenz that was a draftsman in the Surveyor General's Office in Boise in 1909, in Washington in 1910, sometime in North Dakota prior to 1911, in Colorado in 1911 and Oregon in 1911. However, he was born in "Ohio" to a German immigrant civil engineer father.
									Edward married a co-worker he had worked with in the North Dakota Surveyor General's Office in 1911, Hilda Mary Satterford, born of Swedish parents in North Dakota. Her father was the Receiver in the Bismarck Land Office. Edward was a draftsman in Colorado in 1911, and the newly married couple were moving to Portland, Oregon where Edward had a position in the Oregon Surveyor General's Office.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									By 1916 they had moved back to Edward's Home town of Perrysburg, Ohio for the birth of the first of their two daughters. Edward was surveying for the U. S. Government in 1918 at a nitrate ;plant in East Toledo, Ohio at the time. He was a civil engineer for the County in Perrysburg in 1920 and a surveyor and civil engineer on salary in 1930. Hilda had a heart condition and had an episode in 1935. Edward rode his bicycle to the nearest phone for help and was hit and killed by an automobile. Hilda survived for 35 more years.
Westcoatt, Oscar King	Mineral Survey	1882	USDMS			buried in Santa Rosa Odd Fellows Cemetery, Santa Rosa, California, Section C.	photo	1851-1923	Born in Iowa, the son of a civil engineer, Oscar was in Nevada in 1877 where he surveyed the townsite of Royal City and in Idaho in 1882 where he surveyed one Mining Claim in Warm Spring MD. Oscar married Effie Eugenia Parsons in Petaluma, California in 1884, and they had two children. He was based in California for most of his career, but worked quite a bit in Nevada. He was a mining engineer in Imlay, Nevada in 1910 and a stationery engineer at the Castilleja Private School in 1920 in Santa Clara.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Weston, James C.	Mineral Surveys	1887	USDMS					1857-	Born in England. James was in Idaho by 1882 when he had a telegram to pick up, and in 1886, when he had a letter waiting both in Denver.. James was appointed an Idaho U. S. Deputy Mineral Surveyor in 1887, when he was living in Galena, Idaho. He was a U. S. Deputy Mineral Surveyor living in Pueblo, Colorado in 1891 and soon was elected County Surveyor there. James was operating mining property near Warren, Idaho and wintering in Emmitt in 1902. By 1907, James had moved to South America and returned to Colorado to inspect investment property. At this time, that is the last record of James.
Wheaton, Porter Perrin	Special Instructions (as topographer for A. V. Richards)	1873	Socialist Comp			Buried in Mount Hope Cemetery, San Diego, California	photo	1848-1908	CA PLS 132. Born in Vermont the son of a farmer, Porter attended the University of Vermont and graduated in 1870 in Civil Engineering along with astronomer Charles Simeon Denison. He was hired as the topographer for the Survey of the South and West Boundaries of Wyoming in 1873 by Alonzo Van Ness Richards, and finished in the fall of 1874. He was a surveyor in Georgetown, Colorado when he married school teacher, Emma Luella Chapman, in 1881 in New Hampshire. They had two children. Porter was bonded as a U. S. Deputy Surveyor in Colorado from at least 1886-1890. Porter was a licensed surveyor in San Diego California by 1894 when he became involved in a scheme to map taxable property in San Diego County, California.
									The wheel barrow survey of 1894.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Riverside County was severed from San Diego County in 1893, but the technology to identify properties taxable to San Diego count was not very effective. County Surveyor Randolph Vail land Assessor Clarence Shepard devised a plan to efficiently identify those properties and proposed a plan to the County governing body. It was approved, and they hired Porter P. Wheaton, a recently licensed as a California Surveyor. Porter would traverse all 2300 miles of the County roads in the County with a wheelbarrow with a odometer calibrated to its wheel, a compass, and a clinometer recording the data as he went. He had food and sleeping blankets to be self sufficient and progressed about ten miles per day. The map was approved in 1900, with many taxable parcels added, and County had a usable map.</p>
									<p>Porter was a surveyor with his family in San Diego in 1900, but Emma had a hearing for her mental competence in 1901. He worked as a draftsman for the City in 1903 and ran for City Council in 1905 on the Socialist Ticket. Porter was working on a survey in Inyo County at Western Spring when he was overcome by the heat. He headed home, but became so ill on the train on July 24, 1908, that they put him in the hospital in Los Angeles. The newspaper on the 25th thought he might go home to San Diego that day, but he died in Los Angeles on the 25th at age 60.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
White, David Michael	#REF!	1892	Rep USDS	yes	yes, short one from obituary	Died in El Paso, Texas, buried in Concordia Cemetery, El Paso, Texas		1866-1916	David was born in New Mexico, the son of a Deputy Surveyor and Deputy U. S. Mineral Surveyor. One speaking engagement noted that he had a B. S. in Civil Engineering. David and his father, William White, surveyed a Contract at Luna New Mexico in 1889, and David served as assistant to Special Agent and Examiner of Surveys, Archibald Carr, in New Mexico in 1890.
									He stayed in New Mexico, except for Idaho surveying and the last years in Texas. David was in Idaho in 1892 to receive Joint Contract 137 with W. Clayton Miller of Wallace, Idaho. It was for 27 townships and a Standard Parallel surrounding Pocatello, and the actual survey was by neither of them, according to the Examiners. They used W. McComb as a compassman, at least for the Standard Parallel. The transit examined by the Surveyor General was a Heller and Brightly transit with a solar attachment.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Because they did not use two sets of chainmen on the Parallel, they made a large chaining error and had to come back and correct work in 1894. Miller was busy with his own Contract in Northwestern Idaho at the time, and David was on the job with the Pocatello Waterworks construction all during the Contract. David's father also used compassmen and had Examiner problem on at least one of his GLO surveys. David and Clayton appealed the decision to reject their claim of heavy underbrush after they were paid. Their claim was that the tall sagebrush slowed their progress. GLO rejected the claim partly because of the lack of two sets of chainmen and the lack of participation by the Deputies.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>David was named the Supervising Engineer of a bridge at Gunnison, Colorado in 1896. He began as a USDMS in New Mexico in 1896, and his signature on those surveys compare very favorably with his signature from Idaho. David continued those surveys until 1899, totalling 35 surveys, and ran for County Surveyor in Santa Fe in 1898. David married his first wife, Virginia, in 1897 in Santa Fe, and they had no children. He served as the locating engineer for the U. S. Land Commission in New Mexico in 1900. and was one of the incorporators of the Sloan, San Filipe & Western Railway in 1904. David was appointed State Irrigation Engineer in 1905, serving until 1907. Virginia died in 1907 and David remarried to Jennette V. Poole, who was on the faculty of the deaf school.</p>
									<p>David was indicted on March 23, 1907, a week before his wedding, along with 18 other prominent men in a blanket indictment against them and the Phelps-Dodge Company for fraud against the United States for coal lands in San Juan County. He was later arrested for the same, but the end result in unknown so far. David was appointed Santa Fe County Assessor by the County at the end of 1907, but the County Commissioners reversed themselves in January, 1908 and reappointed the previous Assessor. David's newspaper ads kept running in Santa Fe until January, 1909.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									By 1909, David was a civil engineer in Pecos, Texas and an engineer in Midland, Texas in 1910. David was advertising as a civil engineer, and Jennette was a theatrical director in Albuquerque in 1912. He was named county road superintendent in El Paso in 1914, and Jennette was teaching dance in Albuquerque in 1915. David advertised as a civil engineer and Surveyor in El Paso in 1915 and died in El Paso in 1916 of Typhoid with his occupation noted as a health inspector
White, Rush Jacob	Mineral Surveys	1900	USDMS	See Jerry Olson	See Jerry Olson, from book, Go To: http://www.olsonengr.com/download/globios/whiterushjbio.pdf	Died in Wallace, Idaho, buried in Fairmount Memorial Park, Spokane, WA, Lawn 5, 4E EP, Sp 1a	See Jerry Olson	1876-1937	Member AIME. Rush was born in Iowa but moved with his parents to Spokane in 1890. He graduated from Spokane High School in 1895, and then apprenticed as an assayer, working in British Columbia for Byron Riblet, and then for the Washington Water Power Company. He entered the Colorado School of Mines for one year, and came back to Spokane to work for the WWPC again. In 1899 he moved to Wallace, ID, to work as a mining engineer until 1901, when he went to Chelan as chief engineer for the Chelan Transportation and Smelting Company.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>While there, he surveyed and built 14 miles of narrow gauge RR and surveyed 7 Mining Claims. After that company went out of business, Rush returned to Wallace to stay in 1904, and to work up the ranks of the Federal Mining and Smelter Co., until 1910 when he became general superintendent of all of their operations. Rush married Marietta Brown in 1903 at Chelan, whose father was in the electric power business. By 1917, he worked as a consulting mining engineer out of Wallace, directing mining companies, publishing professional articles and doing community work.</p>
									<p>He was the Secretary of the Coeur d'Alene Mining Syndicate in 1921 and was elected to the Idaho House of Representatives from 1925-1932, where he was chairman of the Appropriations Committee. His son, Norman, graduated as a Mining Engineer, and worked in South America, Idaho and Montana, including some times with Rush. Rush died in 1937 of stomach cancer at age 60, and had lived in Osburn, Idaho for the last 12 years. Marrietta died in Gregson, Montana in 1967, where she was living with Norman and his family.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Whitthorne, Francis Clinton "Frank"	Clerk	1898	Dr/Clerk			Buried in Oak Hill East Cemetery, Palatka, Florida		1876-1936	Francis was born the son of an attorney and Confederate officer in Tennessee. He graduated from the University of Tennessee, and by 1897, he showed up as a Clerk in the Washington Surveyor General's Office of his uncle, Democrat William P. Watson. He was the brother of William J. Whitthorne, Jr. Francis left for Tennessee when William Watson was replaced in 1898, and he was living at home selling insurance in 1900. He was transferred to the Surveyor General's Office in Boise for three months in 1898. He married Awilda Spaulding in 1904, and by 1907, he was working for the Florida Times-Union in Jacksonville, Florida, for whom he worked for many years. While there he was mostly circulation manager, while Awilda was the Palatka correspondent. They lived in Palatka, which is where they died.
Wickersham, David Belnap	Contract 254 (with William Alley)	1904	USDS	yes		Died in Los Angeles, California		1881-1959	Born in Idaho, the son of a British immigrant and probate judge and the brother of James, David attended one year of College. He was a salesman in a dry goods store in 1900 in Boise. David received Joint Contract 254 with William Alley in 1904, and it was surveyed by David. After an exam by Frank Spafford in 1905. William Alley surveyed some corrections in 1906.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>There is some indication that David also received Contract 291 in 1907 because the Treasury Department noted owing him a little over \$1000 for a Bond in 1911 on Contract 291. That Contract was surveyed by Godfrey Sperling in 1911 as a Compassman with a Contract date of 1907. David may have taken the Contract and then had other obligations. Passport records show that he left for the Orient in 1909 and was in Java until 1911, China from 1911-13, Philippines 1913-14, and Java 1914-20. His stated occupation was as a salesman, sometimes in Life Insurance, and other times in the export business.</p>
									<p>David ended up in Hawaii in 1935 and in 1940 lived in Los Angeles with a wife named Martha and no occupation. He was an assistant superintendent at the draft induction center in Los Angeles in 1942 and worked in the stockroom of an aircraft plant in Los Angeles in 1950. David died in Los Angeles in 1959.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Wickersham, James Henry Jr.	Clerk	1895	Dem Dr/Clerk			Buried in Pioneer Cemetery, Boise, Idaho, Blk 4, Lot 14 Space 5	photo	1870-1944	Born in Idaho the son of a British immigrant probate judge and the brother of David Wickersham, James was in school in Silver City in 1880. and completed two years of high school. He was a draftsman for Surveyor General Joseph Straughan in 1895-97 and a stenographer somewhere in 1900, both times in Boise. James married Grace G. Dickinson in Chicago in 1902 and they had three children. He was in advertising in Boise in 1910. He worked as a bookkeeper for an abstract company in 1920 and 1930 and as the manager of the Abstract Department for Boise Trust Company in 1936. James was still with the Boise Trust Company in 1944 when he died.
Wightman, Willard Humphrey	Unknown Contract	1886	USDS		see Jerry Olson, from Memorial in ASCE	Died in Ashland in 1889, buried in Hargadine Cemetery, Ashland, Oregon, Lot 29, Grave 8	Photo Gps of gravestone from Billion Graves: 42°12'35.3" 122°42'39.6" ± 20 ft.	1852-1889	Member ASCE. Willard was born in New York, and after being educated in the public schools and Mexico Academy, he graduated from Cornell in Civil Engineering in 1881. He was an engineer for UPRR in 1881-84 and then for NPRR in 1884-86 as office draftsman and a Resident Engineer on the Cascades Division. Willard apparently made a deal with fellow railroad engineer Albert Hammond to get Survey Contracts for 15 desolate townships Southwest of Crowley in Malheur County. The two Contracts were awarded on the same day in 1886, and the townships were intermingled. As it ended up, Albert surveyed his townships and was the Compassman for Willard on the others. They were surveyed in 1886, examined and eventually approved in 1888 after some corrections.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									His memorial noted that he was a U. S. Deputy Surveyor in Idaho about the same time in the winter of 1886-87. He then returned to UPRR in 1887, where he worked as an Assistant Engineer and Superintendent in charge of construction on the Kennewick Bridge at Pasco. Still with NPRR, he was in charge of construction for the RR from Marshall to Genesee, a distance of 106 miles. In 1888 he was Assistant Engineer on the Spokane and Palouse RW, continuing until he contracted the measles in 1889. It caused a severe cold, which morphed into pneumonia, causing his death in October 1889 in Ashland. It appears he never married.
Wilkes, Charles Smith	Contract 141 (with Thomas A. Perkins)	1892	USDS	photo		Died in Salt Lake City, buried in Mount Olivet Cemetery, Salt Lake City, Utah, M_119_1F	photo	1858-1938	Born in Ohio the grandson of Rear Admiral Charles Wilkes, Surveyor, and Explorer, Charles Wilkes, and the son of Edmund Wilkes, Charles lived with his family in North Carolina during the Civil War and in 1870. His father, Edmund, was not listed and was probably away surveying a railroad. They all moved to Utah by 1871 and were at home in 1880 with his father listed as a civil engineer, and Charles with no occupation.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Charles was the Notary Public on his father's Mineral Survey in 1879. Charles received two Joint Contracts with Thomas A. Perkins in 1892, mostly in Southeastern Idaho. There were about 50 townships involved plus a Standard Parallel, a Guide Meridian, and the Fort Hall Correction Line. They were examined in 1895 by H. P. B. Holyday. Charles was Sevier County Surveyor in 1900 and married Lucy Mitchell Moore in Washington, D. C. in 1901.</p>
									<p>Charles lived in Goldfield, Nevada by 1905 where he was running a wood and coal business. He had arrived earlier to found a valet auto service between Tonopah and Goldfield to drive miners and business people to Goldfield. Charles was also a mining broker and used the autos to show his properties to investors. That ended when the railroad to Goldfield was completed and he concentrated on his coal business. He was back in Utah by 1914 at least part time to manage his mining interests. Lucy stayed in Utah all the time as far as known and taught piano to students. Charles maintained a presence in Nevada for awhile, and as an example tied up 10,000 acres Southwest of Las Vegas and formed the Las Vegas Farming and Land Company to facilitate the development of those lands.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Lucy died in Utah in 1928 and Charles was in Florida in 1929 where he was appointed Polk County Surveyor by the Governor while living with his sister and her husband, Brig. General H. D. Styers. They moved to "San Diego by 1935 where the General had a new house built at Coronado. Charles continued living with them until 1938 when he died in San Diego.
Wilkes, Edmund	Mineral Survey	1879	Dem USDMS	yes		Buried in Mount Olivet Cemetery, Salt Lake City, Utah	photo	1833-1913	Born in New York, Edmund was the son of Rear Admiral Charles Wiles, the famous worldwide surveyor and explorer. He lived in Washington, D. C. where his father was working on the observatory until 1838. After that, his father was at sea until 1942 on a long expeditions in the Pacific Ocean. Edward's mother died in 1848 and his father remarried in 1856. His father returned to sea until 1944 and then was stationed in Washington D. C. until 1861.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									As a lad of 15, Edmund delivered the first telegraph message by Samuel Morse to the U. S. President. Edward married Elizabeth "Bessie" Van Buren in 1854 in Ohio, and his first son was also born there. The family lived in North Carolina from 1861-1868, where four children were born. Edward was a officer for the Confederate Army in the Civil War, even though his father was a Naval Officer for the Union side. They were in Salt Lake city, Utah by 1871 and Edward surveyed three Mining Claims in Southeastern Idaho while living in Utah in 1879. He completed a detailed map of the Gold Placers of the Upper Snake Basin in 1870. They still were in Salt Lake in 1880 where Edmund was a civil engineer. He continued as a civil engineer and statesman in Salt Lake until he died there in 1913 of a brain issue. He was referred to as "Major" Wilkes all his adult life.
Wilkes, Lincoln Ellsworth	Special Instructions	1904	Dr/Clerk	see Jerry Olson		Buried in Hillsboro Pioneer Cemetery, Hillsboro, Oregon	Photo GPS of tombstone from Billion Graves by Jerry Olson: 45°31'15" 123°00'20.5" ± 10 ft.	1865-1944	OR PE 1046. Lincoln was born in Oregon, lived almost his entire life in Washington County, Oregon, and noted on the 1940 census that he attended college for two years. He married Elizabeth Soehren in 1892 and was Washington County Surveyor in 1894-96. Lincoln received a Contract by Special Instructions for one township northwest of Forest Grove in 1888 and Contract 598 in 1892 for one township in very Northeastern Tillamook County, and he used a brother and two new brothers-in-law on his crew.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									A third Contract in 1896 was in Tillamook County. Lincoln and his nephew Marion were chainmen for Eugene Schiller near Grants Pass also in 1896. He and his brother Thomas received a Joint Contract for one township near Port Orford in 1898, using help from two brothers-in-law and Marion. Lincoln received another Joint Contract in 1902 with his brother-in-law, William Sohren, and Marion Wilkes, the son of Thomas. The work was four townships West of Crescent Lake, and they shared the work and all signed the oaths. Again, several relatives were on the crew. Lincoln and brothers, Thomas and Bruce, were running a business called Wilkes Bros. in 1901 in Hillsboro as surveyors and abstractors.
Wilkinson, John Francis	Mineral Surveys	1895	USDMS		yes, short one from AIME	Buried in Colusa Community Cemetery, Colusa, California, Sec A/M	photo Gps of Tombstone by Jerry Olson from Google Earth: 39°12'36.1" 122°01'50.5" ± 10 ft.	1865-1924	Member AIME. Born in California, Joh was living in Table rock, California with only his mother in 1870 and was a boarder attending public school in Sierraville in 1880. He graduated from the University of California, Berkeley, in 1887 with a degree in Mining Engineering. He was 19istged as a min9ing engineer in Santa Clara in 1888 and 1894. John surveyed four Mineral Surveys in Lemhi County, Idaho in 1895. John lived in San Francisco in 1900 and then moved to Oakland, where he spent the rest of his time, mostly living in the Merit Hotel, listed as a mining engineer.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									From 1920-24 He had been working for Reclamation District 1047 at Colusa, California as a draftsman. He died in Colusa in his tent probably on January 23, 1924, but was not found for three weeks, It appears that John a never married.
Williams, Robert C.	Mineral Surveys	1899	USDMS		yes, short one from obituary	Died in Boise, Idaho, buried in Hillside Cemetery, Redlands, California		1867-1937	Born in Michigan the son of a Lawyer and Judge, Robert graduated from MIT in 1889 as a Mining Engineer. Robert surveyed two Mineral Surveys containing 15 Mining Claims near Silver City, Idaho in 1899-1900 and. was the manager of South Mist and Red Jacket Mines in Silver City, Idaho in 1902. He arrived in Durango Mexico in December, 1903 and resided there involved in mining until at least 1908 He had a brother, E. H. Williams living in Crescent City Florida, listed as his emergency contact.
									Robert, his brother and his father were involved in citrus orchards near Crescent City for some time. Robert was back in the States in 1910 in Boise as a single man with two servants and listed as a widower. He married Alice S. Richards in Salt Lake in 1910, and they were citrus growers in Crescent City in 1920 and in 1930. Robert died in San Diego, California in 1937 and is buried in Redlands, California.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Wilson, Elliot Hinkley	Mineral Surveys	1887	USDMS	yes	yes, from obituary	Buried in Mount Moriah Cemetery, Butte, Montana. Whitmore Lot	photo Gps of tombstone by Jerry Olson from Billion Graves: 45°59'18.6" 112°32'32.6" ± 10 ft.	1850-1918	Member AIME. Born in Louisiana the son of a hotel owner, Elliott graduated from Washington University in St. Louis in 1868 and then went to work as an engineer for the Mississippi River Commission. After three years, he moved to Butte, Montana by 1871 to survey for NPRR, lasting 10 years. The records note that he surveyed the Utah Northern narrow gauge RR in 1880 into Montana from Ogden, Utah.
									After some time with construction work for UPRR, he settled in Butte as a U. S. Deputy Mineral Surveyor and stayed there in similar capacities until he died. He was named President of a newly organized Fire Department in 1869. From at least 1884-99, Elliott was part of an engineering firm with John Gillie, Wilson and Gillie, and was one of the founders of the Montana Society of Civil Engineers in 1887. Elliott was also bonded a USDMS in Butte in 1887. He never did any Mineral Surveys in Idaho, but surveyed nine mineral surveys in Montana in 1892. He owned or managed several mining companies over the years and at some time served in the Montana Legislature. Elliott died in Butte in 1918 and is buried in Mount Moriah Cemetery. Elliott lived at the Silver Bow Club, of which he was a member, and it appears that he never married.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Wilson, George W.	Mineral Surveys	1900	Rep USDMS			Buried in Omro Cemetery, Omro, Wisconsin	photo	1868-1922	<p>Born in Wisconsin the son of a carpenter, George lived in Phillipsburg, Montana in 1899 when he was bonded as a U. S. Deputy Surveyor in Idaho. Sometime in the 1890's, George was a consulting civil engineer for the Flint Creek Hydroelectric Project. In 1899 he returned to his home town of Omro, Wisconsin to marry Frances E. King, and they came back to Montana to set up housekeeping, ultimately producing three children. He was appointed the first Granite County Surveyor, but failed to hold the seat in 1896. George performed seven Mineral Surveys in Idaho from 1900-07 Southwest of Hailey.</p> <p>George continued in Phillipsburg until 1904 when his first child was born, and he was away at Butte as an engineer for a copper mine. They moved to Butte and he joined with another engineer in an engineering partnership . The newspapers noted him as a prominent mining man from Wicks, Montana from 1914 to 1922 many times when he would visit Butte. Sadly, George died of a broken neck in an auto accident in Montana in 1922 at age 54 and is buried with Frances back in Omro, Wisconsin.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Wilson, Howard Solon	Contract 207 (with Herman D. Gradon)	1900	USDS			Burial in Wilhelm's Portland Memorial Mausoleum.		1875-1927	ID PLS. Born in Ohio the son of a farmer, Howard had moved to Portland, Oregon by 1900 where he was a day laborer, and his father was a carpenter. Howard received a Joint Contract with Herman D. Gradon in 1899 for four townships in the very Northwest corner of the Panhandle. Both Deputies signed the oaths. Howard was a carpenter in Portland in 1900 and married Helena Paulina "Annie" Radke there in 1904 The 1920 and 1930 censuses listed him as a carpenter and contracting carpenter in Portland. Howard died of a cerebral haemorrhage in 1936. There is no mention of surveying in his experience, but his signature on the Contract matches nearly exactly the signature on his 1918 draft registration. Lived in Montour in 1910.
Wilson, Llewellyn Almond "Lew"	Contract 323	1910	USDS	See Jerry Olson		Died in Boise, ID, buried in Morris Hill Cemetery, Boise, ID. Section 4, Block 89, Space 10.	See Jerry Olson No marker Gps of gravesite by Jerry Olson from Google Earth: 43°36'40.8" 116°13'52.1 ± 15 ft.	1860-1920	ID PLS 235. Born in Iowa, Lew came west to Walla Walla with his family, including his brother, John B. Wilson, in 1868. Lew was a civil engineer in Walla Walla in 1880 and married Anna Crawford in Walla Walla in 1884. Lew was Walla Walla County Surveyor and Walla Walla City Engineer in 1886 and 1890. He was Compassman for a portion of the survey of Adrian Wisner in 1887 for 7 townships South of the Spokane Indian Reservation and East and West of Deer Park.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>Adrian did not distinguish among the four crews he used on this survey. One crew included Compassman John Zimmerman, and another included Compassman Lew Wilson. The survey was examined by John Sharry. Lew moved to Tacoma in 1889 where he briefly worked as a civil engineer and land locator, and was an engineer again in Walla Walla in 1892 and 1900.</p>
									<p>Lew received a Contract for the survey of one township East of Mineral in 1897. He broke his leg in 1897 on that job and had to ask for an extension of the Contract until the next year. He started using his son, Howard, as a flagman at age 11. The Surveyor General again appointed him as Compassman to finish the survey of Edward Dobbs, who was in the Army in the Philippines. This was for one township in the Blue Mountains, but for a year he never started the work, and the Contract was cancelled and reissued to Lew in 1901. An exam by M. P. McCoy indicated the bearing trees for the 1/4 corners were marked wrong, and Lew went back in 1903 and remarked them all. He was a chainman for Edwin Clark in 1903 South of Pomeroy. Lew surveyed another Contract for one township Southwest of Cle Elum in 1901 and was examined by M. P. McCoy without problems.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Lew surveyed two Indian Allotments North of Riverside in 1907, a township at Oroville in 1907, two townships at Cle Elum Lake in 1907, one township at Mt. St. Helens in 1909, one township West of Priest Rapids in 1909, and one township Northeast of Marblemount in 1910. Howard continued working on the crew until 1907 when he was 21. All of these surveys were competently examined by various examiners, and it appears that Lew did not have to return to the field. He did have lots of correspondence, and plat and note corrections. Lew was also listed as a chainman for brother John in 1908, and was awarded a Contract in Idaho while living in Boise in 1910. He was the only candidate for Boise County Surveyor in 1912, while living in Montour. He died in Boise in 1920.
Winwood, Job Henry	Mineral Surveys	1907	USDMS	yes, from Family Search	yes, from Who's Who on the Pacific Coast.	Died in Salt Lake City, Buried in Mount Olivet Cemetery, Salt Lake City, Utah	photo Gps of gravestone by Jerry Olson from Bilion Graves: 40°45'28.1" 115°05'58.5" ± 10 ft.	1875-1952	Member AIME. Born in England, Job arrived in the U. S. in 1884 and attended college for four years at Michigan School of Mines. His father died in Salt Lake City in 1897, and Job was a mining engineer in Butte, Montana in 1908. He married Katherine C. Fisher there in 1904 and they were living in Salt Lake City in 1908. Job surveyed one Placer Claim in Yankee Fork District in Idaho in 1907. He was a mining engineer in Salt Lake City for the rest of his life. Katherine died in 1938 and Job in 1952.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Wood, Robert John	Contract 306	1908	Dem USDS			Buried in Hillcrest Cemetery, Weiser, Idaho	photo Gps of gravestone by Jerry Olson from Billion Graves: 44°15'34.4" 116°57'47.6" ± 10 ft.	1871-1944	Born in Ohio, John attended the Michigan School of Mines for two years. He married Louise Katharine Whitemen in 1894 and they had one daughter. He was a postal Clerk in Ohio in 1900 and came to Idaho in 1907 where he went into partnership with his brother until at least 1914. Robert received Contract 306 in 1908 for two townships Northwest of Boise. There must have been issues, because he came out on the wrong end of a State Supreme Court Case. He later gave a lecture on "how not to reestablish an obliterated corner". In 1910 John was named City Engineer of Weiser and under that role built water mains, sewers, streets and sidewalks. By 1940 at age 68, he was Postmaster there. He died in 1944 in Weiser.
Woodburn, John M.	Special Instructions	1903	Dem USDS			Buried in Morris Hill Cemetery, Boise, Idaho, B 56 8	photo Gps of gravesite from Cemetery Records: 43°36'37.5" 116°13'57.15" " ± 15 ft.	1859-1917	Born in Philadelphia, the son of a lawyer, John graduated from Jefferson Medical college in Philadelphia and was a physician in Boise in 1881 and 1900. He was a physician in Rexburg, Idaho in 1903, when he received Special Instructions to survey three sections on the Snake River just outside Rexburg. He left for Lewiston in November, 1903, and the work was given to Joseph A. Clark. John practiced briefly in Lewiston and then moved his practice to Stites in 1904 on the upper Clearwater. He was an active Democrat and spoke around the state on the "Mormon Question" and campaigned for Democrats. He was a physician in Boise in 1910 and died there in 1917.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Worthington, Irving	Mineral Surveys	1900	USDMS	see Jerry Olson		Buried in Fairmount Memorial Park, Spokane, WA, Lawn 6, Sec Q, Sp 36a	See Jerry Olson Gps of Gravestone by Jerry Olson: 47°42'10.3" 117°29'11.2" ± 18 ft	1868-1928	Member ASCE 1914. Born in Minnesota, Irving was in Dakota Territory with his family from 1878 until 1890, where he attended high school and one year of college. He was a chainman for John Ashley at Ruby in 1891, and for Albert Gray for 4 townships East of Grand Coulee, also in 1891. He was one of a group of Deputy Surveyors operating out of the Spokane County Surveyor's Office of John Ashley from 1891-93.
									The others included John Ashley, Dekalb Ashley, Harry Clarke, Edward Hooker, Ulysses Hough, and William Maxwell. Both John Ashley and Harry Clarke had strong Benson Syndicate ties. In the Ruby survey, John Ashley made a 35 chain error crossing Lake Palmer. Irving was a deputy county surveyor in Spokane from 1892-93 under John Ashley, and in private practice from 1893-1905 in Spokane, Idaho and Montana as a civil and mining engineer.
									Irving received his own Contract in the fall of 1892 for three townships and 18 miles of Standard Parallel on Lake Chelan just up from Manson, and asked for an extension of time. He surveyed it in 1893 and turned in the results. After he corrected the field notes, it was examined by Henry Newby in 1894, resulting in unknown corrections in the field in 1894. There are no separate notes for this, and it may have been remonumentation only. It was accepted in 1896. His brother, William, was a chainman.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>He received Contract 458 in 1895 for one township at the same place, and it was surveyed the same year. William was again a chainman as was Harold Hooker, the brother of Ed. Contract 508 for one township at Pateros was surveyed in 1897 and went through several exchanges of the field notes until approved in 1900. A. W. Morris and David Kinnaird were examiners, and Irvin's 15 year old brother, Lewis, was a chainman. There was no exam and it was approved in 1896.</p>
									<p>From 1897-1904, Irving surveyed Mineral Claims. He surveyed two at Curlew and one at Northport in 1897; 13 Claims near Cascade Pass in 1898; 20 Claims from 1898-1904 North of Stehekin; 13 Claims at Republic in 1899; 1 Claim in Grant County, Oregon in 1900; and 2 claims on the San Poil River in 1901. His brother, William, was a frequent chainman, and U. S. Deputy Mineral Surveyor Frank Stanley was a chainman one time in 1898.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Irving married Francis Clare "Fannie" Brattain in Spokane in 1900, and they lived in Stehekin in the summer of 1900. She had attended three years of college, and they had four children. He published a map of the Methow Valley the same year. His last Contract was for 25 miles of Standard Parallel and 5 townships at the North end of Lake Chelan. Irving completed the surveys in 1902, turned in the notes in 1903, and was approved the same year. Irving said he had purchased Robert Whitham's compass, and did not need it examined, but lost that argument.
									One month after John Wetzel received approval of Contract 599 for two townships at Oroville, he asked for permission to use fellow Spokane surveyor, Irving Worthington, as compassman, and it was granted. Irving made the survey in 1903, and after several exchanges of the field notes, the Contract was approved in 1906.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									By 1910 Irving was in Medford, OR, as an engineer for the Rogue River Irrigation Co., and Osgood and Cummings. He was in Umatilla County, Oregon in 1912, and in 1914 he was in Fresno as an engineer on irrigation projects for the Fresno Canal and Irrigation Co. In 1919 Irving was named a field engineer for the Columbia Basin Project on the Wenatchee Lake Project. He was an engineer in Spokane in 1920, and also worked as an appraiser for the Federal Land Bank. He died in Spokane in 1928, and Fanny returned to teaching school, at Tunk Creek in 1930 and Nighthawk in 1940, both in Okanogan County. She died in Marin County, California in 1969 at age 95. (biography) This is the maintained version of this information.
Wurdemann, John Vanderbuilt	Special Instructions	1857	Comp		short one from obituary	Died in Washington, D. C., buried in Oak Hill Cemetery, Washington, D. C., Border 9 East. Plot 34,	No Marker	1839-1919	Born in New Jersey, the son of a German geodesist and instrument maker, John was first noted as an Instrument Tender for John S. Harris on the Northwest Boundary Survey in 1857 at age 18, having traveled over the Oregon Trail to get to the West. He continued that title in 1858-59 and was listed in the 1860 Census as an engineer in Washington, D. C., living with his family. John was assigned to Joseph Harris and progressed to recording data and instrument work. He had been acting moody and unpleasant, and Harris gave him a lecture that turned his attitude around.

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									<p>John was noted as an Assistant Computer on the Boundary Survey in 1861 before leaving the survey to return to Washington, D. C. All the while from 1857-61 on the Survey, his father was selling surveying instruments to the Survey. He married Matilda Nancy Barnard in Washington in 1865, and they had three children, with son Harry becoming a Doctor, and son Frank ending up as a draftsman for the Coast Survey.</p>
									<p>By 1870, John worked as a Freight Agent in Kansas, from 1878-79, he was an agent at Fort Leavenworth, and in 1880 he was a Clerk at Fort Leavenworth. John was back in Washington, D. C. in 1901 as Captain of the Watch at the Library of Congress, and held that position until he died in 1919. Matilda died in 1912, and John remarried at age 69 to Library of Congress employee Mrs. Barbara Briscoe. He died in Washington, D. C. and is buried in Oak Hill Cemetery without a marker. John is the namesake of Lake Wurdemann in Glacier National Park.</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
Wygant, Morris		1906	USDS Comp			Buried in Ocean View Cemetery, Warrenton, Oregon	Gps of gravesite from Google Earth: 46°09'05.3" 123°56'14.2" ± 15 ft.	1856-1935	<p>Born in New York, the son of a lawyer, Morris moved with his family to Arkansas by 1870. He entered Annapolis, but had a serious accident and had to withdraw after an unknown time. He married Mary Etta Siver in Iowa in 1885, and they were still in Iowa in 1889 when their second son was born. His parents were in Albany, Oregon by 1897, and Morris was a farmer there with his family in 1900. Morris received a Joint Contract with Zachariah Derrick for one township near the Siletz Reservation in 1902, and they both signed the oaths. When he was Lincoln County Surveyor, he was awarded a Contract of his own in 1904 for two fractional townships on the coast at Otis. He had three examinations and had to return to the field to do corrections and retracements.</p>
									<p>Morris was noted in the Lewiston Evening Teller in October, 1906 as finishing up a government survey in the Clearwater Basin that they had been working on all summer.. He was returning to Newport after discharging his crew at Lewiston. It is unknown which Contract or if he was the Deputy or a compassman, and there are no notes on file of this survey as a Deputy..</p>

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
									Another Contract on his own in 1908 was for a fractional township, again near the Siletz Reservation in Oregon, and he was approved after an examination. He fought off a cougar that was attacking a woman in her own backyard in Newport, at a time when he was City Engineer. Morris was reelected Lincoln County Surveyor in 1910, and was a surveyor in private practice in Newport the same year. His son Fred, who was living at home, was also listed as a surveyor. Either Zackariah Derrick or the Surveyor General contacted Morris in 1911 to redo and finish two Contracts of Derrick, acting as a Compassman. The first was for two townships near Roseburg and was surveyed in 1911. The second was for one township on the California line in Malheur County near Christmas Lakes. That was completed in 1912, and each of these surveys had another exam.
Count not blank	Count not blank	Count n. b.	Count n. b.	Count not blank	Count not blank	Count not blank	Count n. b.	Count n. b.	Count not blank
503	1833	1816	501	258	228	470	356	474	1215
535	532	531	533						

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
			Count		Name	#REF!	#REF!		
			162	USDS =	United States Deputy Surveyor	Graves unmarked =	18		
			190	USDMS =	United States Deputy Mineral Surveyor				
			22	USS =	United States Surveyor (Employee of another agency)				
			15	Astr =	Astronomer				
			5	IAA =	Indian Allotting Agent (Employee of Office of Indian Affairs)				
			24	Comp =	Compassman				
			36	SES =	Special Examiner of Surveys (Hired by the Commissioner)				
			5	EX =	Examiner of Surveys (Hired by the Surveyor General)				
			14	S G =	Surveyor General				
			15	Ch Clerk =	Chief Clerk in Surveyor General's Office				
			85	Dr/Clerk =	Draftsman/ Clerk in Surveyor General's Office				

Surveyor	First Contract	Year	Type	Photo	Bio	Cemetery	Grave	Age	Notes
			3	Comm	Commissioner of the General Land Office				
			587	Total					
			67	Rep	Republican				
			48	Dem	Democrat				
			5	Whig	Whig				
				Peoples	Peoples				
				Union	Union				
				Ind	Independent				
			1	Prohib	Prohibition				
				Free Soil	Free Soil				
			1	Fusion	Fusion				
				Greenback	Greenback				
				Populist	Populist				
			2	Socialist	Socialist				
			1	Prog	Progressive				
				Wkngmn	Workingman				