

THE STATE OF NEVADA
PROOF OF APPROPRIATION OF WATER FOR MULTIPLE PURPOSES

Source ¹²⁰ 119 Springs and 3 Sloughs
Name of natural water source (use separate proofs for each major source)

The water is diverted from its source ditches, sloughs, drains, and seeps.
Name of ditch, flume or pipe line

at the following point(s) listed on appended set of four maps.
List all points of diversion from this source, appending a sheet if necessary

SEE ATTACHMENT
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed

land, it should be stated

DIT
Per email
8/18/15

(1) Name of claimant U.S. Department of Interior, Fish and Wildlife Service

Address 1002 NE Holladay Street, County of Multnomah

State of Portland, Oregon 97232-4181

(2) The means of diversion employed natural flow and ditches.
Dam and ditch, pipe line, flume, etc.

(3) The date of the survey of ditch, canal, or pipe line was Not Applicable (N/A)

(4) The construction of the ditch or other works was begun N/A
and completed

(5) The dimensions of the ditch or canal as originally constructed were: Width on bottom N/A
feet, width on top feet, depth feet, on a grade of feet per thousand feet.

(6) The conduit has (has not) been enlarged.
NOTE—If enlargement or extension of ditch was made, supply information under (7) and (8)

(7) The work of enlargement of the ditch or canal was begun N/A
and completed

(8) The dimensions of the ditch or canal as enlarged are: Width on bottom N/A feet, width on
top feet, depth feet, on a grade of feet per thousand feet.

Beneficial Use of Water
at the
Ruby Lake National Wildlife Refuge

The following is a summary of the historical references which document the beneficial use of water on lands which ultimately became the Ruby Lake National Wildlife Refuge, Ruby Valley, Nevada.

Beneficial Use Period

Beneficial Use and References

1862-1869

Samuel Woodward and Michael Flynn operated a distillery at Cave Creek (Patterson, et al, p. 503).

1862

According to Nevada's Northeast Frontier (Patterson, et al, p. 501) depredations along the Overland Route led to the establishment of Fort Ruby two miles northeast of the Overland Mail Station. The reference states:
"With the founding of the military post, the southern end of Ruby Valley became the active and inhabited area"

1864

The following excerpt is from A Sagebrush Saga (Mills, 1956):

"The first farming, on an extensive scale, was done by Colonel Moore and Lieutenant Gilman, from Camp Ruby, in the southern end of the valley. In 1864, they tried raising grain for the cavalry stationed at the fort. Colonel Moore remained for many years as one of the leading ranchers in the vicinity.

In 1865, the Overland Stage Company, determined to outwit the farmers of the valley who charged high prices, established the Overland Farm just below Ruby Lake. The company had, just a few years before, built Ruby Station, a regular stop on the stage line. Around this station they set up the farm and for a few years maintained a well-equipped farm. The drain on their resources proving too heavy, however, they sold to Griswold and Woodward."

1867

C.A. Griswold and Samuel Woodward built a saw mill at, and used the water of, Cave Creek. (Thompson and West, 1881, p. 390; Patterson, et al, p. 503; Murbarger, 1956, p. 8).

1865

The following excerpt is from Nevada Ghost Towns and Mining Camps (Paher, 1970, p. 218):

"The fertile acres around Ruby Lake were suitable for cultivation of barley, oats and grain. Mormons in the area had many farms, . . ."

1869

In the field notes the General Land Office's Fifth Standard Parallel North, surveyed by Hatch and Eaton, there are clear references to Ruby Lake, spring branches following to the lake, irrigation ditches, cultivated fields, and residences on land that is now the Ruby Lake National Wildlife Refuge:

- p. 15-16 (block numbers). "This (Ruby) Lake is about 15 miles long and in its broadest part about four miles wide. It lies in a direction about N30°E, and is quite deep in most parts, contains Fresh Water, and is not liable to dry up."
- p. 20-21. There are eight references to spring branches crossing the line between sections 2 and 3, T25N, R57E. These branches flow into Ruby Lake.
- p. 41. There are nine references to spring branches entering Ruby Lake in sections 1 and 2, T25N, R57E.
- p. 66-67. Contains several references to spring branches and creeks crossing the line between sections 25 and 30, T27N, R57E. These branches and creeks flow into Ruby Lake.
- p. 67. On a line between section 25 of T27N, R57E and section 30 of T27N, R58E, the surveyor notes:
 - "Enter cultivated field of G.F. Williams, bears N80 W and S80E".
 - "Whence William's house bears West 40 lks dist. - Land level - soil 1st rate - Meadow and field."
- p. 67, On a line between sections 19 of T27N, R57E and section 24, T27N, R58E, the surveyor notes:
 - "Cave Creek 10 lks, wide and runs E."
 - "Irrigating ditch 6 lks. wide runs N.E."
- p. 67. On a line between section 13 of T27N, R57E and section 18 of T27N, R58E, the surveyor notes:
 - "Harrison's house bears S69°E."
- p. 70. In the General Description of T27N, R57E, the surveyor writes:

1867 Territorial Enterprise newspaper article of September 6, 1967 in the 'Pins and Scissors' column states that:
"A Mr. Head in connection with Griswold & Woodward was preparing to erect a lumber and grist mill on Cave Creek, a pretty stream of water six feet broad by two feet deep, which will be of great advantage to the settlers in the valley as well as to the contiguous mining districts".

1869 According to Nevada's Northeast Frontier (Patterson, et al., p. 503):
"Later in 1969, under the stimulus of mining discoveries, quite a lively camp known as Cave City sprang to life. The embryo city had in addition to the saw mill, a distillery, an arrastra for reducing ore into bullion, a restaurant, and a saloon that dispensed old rye and bourbon."

1869-1872 Thomas Short established a 600 ranch at Cave Creek (Earl Wright article, Elko Daily Free Press, 1960; Patterson, et al., p. 505).

1860-1929 Ruby Lake has been an important link in the Pacific Flyway for centuries. The proliferation of wildlife at the lake is noted in the literature. In the BLM's Pony Express-Bicentennial Action and Interim Recreation Management Plan (p. II-75), the following quote from Sir Richard Burton (1960) is presented:

"About two miles from the (Ruby) station there is a lake covered with waterfowl, from the wild swan to the (unreadable)."

In the 1877 United States Geological Exploration of the Fortieth Parallel, Part III. Ornithology report, Robert Ridgeway presents a description of Ruby Lake and a generic classification of birds observed at and near the lake.

A.C. Martin in the 1929 Survey Notes of Ruby Lake, Elko, and White Line Counties, Nevada also documents the fauna and flora found at the Ruby Lake.

By maintaining the Ruby Marsh as a wildlife refuge, the area remains an integral part of the Pacific Flyway and helps the United States meet its international treaty obligations to protect migratory birds. A list of fauna observed is provided elsewhere in this binder.

"A narrow strip of land running the whole length of the Eastern boundary and varying in width from 1/4 to 1/2 mile is level and a part of it possessing a rich soil some of it being meadow and a small portion under cultivation. There are now two settlers in the Township."

p. 93-104. T26N, R57E. Numerous references to springs and creeks running east to Ruby Lake.

1891

In Elks County - Location and Size and a Full Description of its Agricultural, Mineral and Grazing Resources and Climate and Rainfall, E.G. McClellan divides the Ruby Valley into three parts. They are the Clover Valley, Franklin Lake portion and the Ruby Lake portion. Of the Ruby Lake portion, he writes:

"There are 246,000 acres of good valley land. Of this 14,000 acres is now being cultivated . . ."

1894

In an Application for Permit to appropriate the Public Waters of the State of Nevada, Serial No. 3000, for 12 cfs, dated June 2, 1914, Henry Hagar, Sr. wrote the following in the Remarks section:

"Water from the above named springs and other springs located on the lands above described have been used by applicant and his predecessors in interest for a long number of years, to wit, more than twenty years. Some of said springs rise upon the lands of applicant flowing through applicant's lands into Ruby Lake."

The springs referred to are the Flynn and Hagar Springs. Both these springs occur outside the boundary of the Refuge but the area irrigated (1000 acres) lays within the Refuge boundaries. The permit was cancelled on December 31, 1914, because of the applicant's failure to file a corrected application within the statutory time. This application documents that water was put to beneficial use by the Hagar family at least since 1894.

1895

In an Application for Permit to appropriate the Public Waters of the State of Nevada, Serial No. 3320 for 12 cfs, dated March 24, 1915, Henry Hagar, Sr. and Henry Hagar, Jr. wrote the following in the Remarks section:

"Water from the above named spring and other springs located on the lands above described have been used by applicant

and his predecessors in interest for a long number of years, towit, more than twenty years. Some of said springs rise upon the lands of applicant flowing through applicant's lands into Ruby Lake."

The springs referred to are the Flynn Springs. The springs occur outside the boundary of the Refuge but the area irrigated (1200 acres) lays within the Refuge. Proof of labor (Aug. 1915), map (Nov. 1915), and Proof of Completion of Work (Aug. 1916), were filed with the State. The permit was cancelled in March 1926 because of failure of applicant to comply with the provisions of the permit. This application documents that water was put to beneficial use by the Hagar family at least since 1895. The map shows two irrigation ditches running from the springs to the fields.

1895

In an Application for Permit to Appropriate the Public Waters of the State of Nevada, Serial No. 3321 for 8 cfs, Henry Hagar, Sr. and Henry Hagar, Jr. wrote the following in the Remarks section:

"Water from the above named spring and other springs located on the lands above described have been used by applicant and his predecessors in interest for a long number of years, towit, more than twenty years. Some of said springs rise upon the lands of applicant flowing through applicant's lands into Ruby Lake."

The springs referred to are the Hagar Springs. The springs occur outside the boundary of the Refuge; however, 680 acres of the 800 acres irrigated lay within the Refuge. A Proof of Labor (Aug. 1915), map (Nov. 1915), and Proof of Completion of Work (Aug. 1916) were filed with the State. The permit was cancelled in March 1926 because of failure of the applicant to comply with the provisions of the permit. The application documents that water was put to beneficial use by the Hagar family at least since 1895. The map shows three irrigation ditches running from the springs to the fields.

1913

An Application for Permit to Appropriate the Public Waters of the State of Nevada, Serial No. 2883 was filed in January 1914 by W.J. Gardner. The source of the water was a diversion of 1.6 cfs on Water Canon Creek at a point not on the Refuge. However, 120 acres of the 160 acres irrigated, lay within the boundaries of the Refuge. Map (Feb. 1914), Proof of Labor (Aug. 1914), and Proof of Completion (Feb. 1917) were filed with the State. The

permit was cancelled in April 1920 because of failure of applicant to comply with provisions of the permit. The map dated June 1913, shows the diversion from Canon Creek, a two-plus mile irrigation ditch, storage reservoir, and cleared, cultivated fields, and about 4 1/2 miles of fencing.

1913

An Application for Permit to appropriate the Public Waters of the State of Nevada, Serial No. 2701 was filed in April 1913 by Alice B. Gardner. The source of the water was a diversion of 3.2 cfs on Heaths (Harrison) Creek at a point not on the Refuge. However, 80 acres of the 320 acres irrigated, lay within the Refuge boundaries. Map #1 (April 1914), Proof of Labor (April 1914), Proof of Commencement of Work (May 1914), Map #2 (Nov. 1918), and Proof of Beneficial use (Nov. 1918) were filed with the State. Certificate No. 450 was issued in May 1919.

1929

In Ruby Lake, Elko, and White Pine Counties, Nevada. Survey Notes, A.C. Martin stated:

"The land around the lake is held in 3 or 4 fairly large holdings. Practically all of the west side and also a portion of the east side is owned by one man who uses part of the land for grazing and hay, and also leases land for hunting."

1931

In Memorandum for the File, dated May 4, 1931, the Associate Land Valuation Engineer in regards to acquiring the Davis (#5) and Duval (#6) tracts states the following:

"They have about 1200 head of cattle and run some of them on the Ruby Nat'l Forest. Mr. Duval stated that they winter around 400 head in the marsh since according to him there are low islands there which provide fair feed and the stock come through in good shape if the diet is supplemented with cottonseed cake. He is the only owner on the Lake who winters stock thereabouts."

Pre-1938

Affidavits signed by Catherine Duval, Lourinda R. Wines, and Walter S. Gardner, all dated July 7, 1988, affirm that water was put to beneficial use prior to 1938 on lands that now comprise the Ruby Lake National Wildlife Refuge.

ATTACHMENT TO R-09677

divnum	statename	statnote	mlstnam	twrshp	range	teccion	dquarter 40	dquarter 160	lot	meridian	state	locnotes	srctype	infrstrate	srce
1375	ACQUIRED	Vested	SPRING NO 103	27N	58E	05	SW	NW		MT. DIABLO	NV	NW COR. S.5 N 28 59 54 W 2267	SPRING	0.34	WRI
1376	ACQUIRED	Vested	SPRING NO 104	27N	58E	05	SW	NW		MT. DIABLO	NV	NW COR. S.5 N 17 32 4 W 2751	SPRING	0.1	WRI
1377	ACQUIRED	Vested	SPRING NO 105	27N	58E	05			6	MT. DIABLO	NV	NW COR. S.5 N 12 54 33 W 1917	SPRING	0.2	WRI
1378	ACQUIRED	Vested	SPRING NO 106	27N	58E	05			6	MT. DIABLO	NV	NW COR. S.5 N 05 11 01 W 3322	SPRING	0.25	WRI
1379	ACQUIRED	Vested	SPRING NO 107	27N	58E	05			6	MT. DIABLO	NV	NW COR. S.5 N 02 01 42 W 3406	SPRING	0.2	WRI
1380	ACQUIRED	Vested	SPRING NO 108	27N	58E	06	NE	SE		MT. DIABLO	NV	NE COR. S.6 N 01 02 15 E 3434	SPRING	0.2	WRI
1381	ACQUIRED	Vested	SPRING NO 109	27N	58E	05			6	MT. DIABLO	NV	NW COR. S.5 N 00 25 48 E 3700	SPRING	0.04	WRI
1382	ACQUIRED	Vested	SPRING NO 110	27N	58E	06	NE	SE		MT. DIABLO	NV	NE COR. S.6 N 3 16 23 E 3962	SPRING	0.1	WRI
1383	ACQUIRED	Vested	SPRING NO 111	27N	58E	06			8	MT. DIABLO	NV	NE COR. S.6 N 3 5 20 E 4182	SPRING	0.05	WRI
1384	ACQUIRED	Vested	SPRING NO 112	27N	58E	06			8	MT. DIABLO	NV	NE COR. S.6 N 6 25 49 E 4443	SPRING	0.1	WRI
1385	ACQUIRED	Vested	SPRING NO 113	27N	58E	06			8	MT. DIABLO	NV	NE COR. S.6 N 6 59 35 E 4518	SPRING	0.1	WRI
1386	ACQUIRED	Vested	SPRING NO 114	27N	58E	06			8	MT. DIABLO	NV	NE COR. S.6 N 6 44 43 E 4649	SPRING	0.1	WRI
1387	ACQUIRED	Vested	SPRING NO 115	27N	58E	06			8	MT. DIABLO	NV	NE COR. S.6 N 10 28 29 E 5283	SPRING	0.1	WRI
1388	ACQUIRED	Vested	SPRING NO 116	27N	58E	07			8	MT. DIABLO	NV	NE COR. S.6 N 16 58 17 E 6096	SPRING	0.05	WRI
1389	ACQUIRED	Vested	SPRING NO 117	27N	58E	07			8	MT. DIABLO	NV	NE COR. S.6 N 18 12 29 E 6260	SPRING	0.04	WRI
1390	ACQUIRED	Vested	SPRING NO 118	27N	58E	07			8	MT. DIABLO	NV	NE COR. S.6 N 19 30 50 E 6354	SPRING	0.2	WRI
1391	ACQUIRED	Vested	SPRING NO 119	27N	58E	07			7	MT. DIABLO	NV	NE COR. S.8 N 21 58 51 E 7748	SPRING	0.02	WRI
1392	ACQUIRED	Vested	SPRING NO 120	27N	58E	07			7	MT. DIABLO	NV	NE COR. S.6 N 22 21 30 E 8029	SPRING	0.54	WRI
1393	ACQUIRED	Vested	SPRING NO 121	27N	58E	07			7	MT. DIABLO	NV	NE COR. S.6 N 23 4 26 E 8268	SPRING	0.05	WRI
1394	ACQUIRED	Vested	SPRING NO 122	27N	58E	07			7	MT. DIABLO	NV	NE COR. S.6 N 22 53 43 E 8318	SPRING	0.03	WRI
1395	ACQUIRED	Vested	SPRING NO 124	27N	58E	07			6	MT. DIABLO	NV	NE COR. S.6 N 21 17 00 E 8704	SPRING	0.04	WRI
1396	ACQUIRED	Vested	SPRING NO 125	27N	58E	07			6	MT. DIABLO	NV	NE COR. S.6 N 21 11 51 E 9253	SPRING	0.05	WRI
1397	ACQUIRED	Vested	SPRING NO 126	27N	58E	18			7	MT. DIABLO	NV	SW COR. S.18 S 21 41 4 W 3588	SPRING	0.11	WRI
1404	ACQUIRED	Vested	SPRING NO 133	27N	58E	18			5	MT. DIABLO	NV	SW COR. S.18 S 78 55 30 W 1675	SPRING	1.16	WRI
1405	ACQUIRED	Vested	SPRING NO 134	27N	58E	18			5	MT. DIABLO	NV	SW COR. S.18 S 89 50 13 W 1855	SPRING	2.62	WRI
1406	ACQUIRED	Vested	SPRING NO 135	27N	58E	18			5	MT. DIABLO	NV	SW COR. S.18 S 86 29 3 W 2062	SPRING	0.05	WRI
1407	ACQUIRED	Vested	SPRING NO 136	27N	58E	19			7	MT. DIABLO	NV	NW COR. S.19 N 77 20 42 W 2655	SPRING	0.05	WRI
1408	ACQUIRED	Vested	SPRING NO 137	27N	58E	19			6	MT. DIABLO	NV	NW COR. S.19 N 54 46 12 W 2635	SPRING	0.1	WRI
1409	ACQUIRED	Vested	SPRING NO 138	27N	58E	19			4	MT. DIABLO	NV	SW COR. S.19 S 44 30 48 W 811	SPRING	0.05	WRI
1410	ACQUIRED	Vested	SPRING NO 139	27N	57E	24	SW	SE		MT. DIABLO	NV	SE COR. S.24 S 64 56 58 E 1620	SPRING	60	WRI
1411	ACQUIRED	Vested	SPRING NO 140	27N	58E	30			1	MT. DIABLO	NV	NW COR. S.30 N 13 57 56 W 277	SPRING	0.04	WRI

dlnum	statname	statnote	instenam	township	range	section	quarter 40	quarter 160	lot	meridian	state	locnotes	srcstype	infrate	srcc
1413	ACQUIRED	Vested	SPRING NO 142	27N	57E	36	NE	NE		MT. DIABLO	NV	E 1/4 COR. S.36 S.4 37 48 E 2633	SPRING	0.82	WRI
1414	ACQUIRED	Vested	SPRING NO 143	27N	57E	36	NE	NE		MT. DIABLO	NV	E 1/4 COR. S.36 S.6 19 25 E 2533	SPRING	7.1	WRI
1415	ACQUIRED	Vested	SPRING NO 150	26N	57E	12			1	MT. DIABLO	NV	E 1/4 COR. S.36 T27N R57E, N14 38 1 E 8654	SPRING	0.08	WRI
1418	ACQUIRED	Vested	SPRING NO 156	26N	57E	22	NE	NE		MT. DIABLO	NV	NE COR. S.22 N 52 22 52 W 458	SPRING	0.05	WRI
1420	ACQUIRED	Vested	SPRING NO 162	26N	57E	22	NE	SE		MT. DIABLO	NV	NE COR. S.22 N 00 54 04 E 3607	SPRING	0.44	WRI
1421	ACQUIRED	Vested	SPRING NO 163	26N	57E	22	NE	SE		MT. DIABLO	NV	NE COR. S.22 N 01 43 35 E 3630	SPRING		WRI
1423	ACQUIRED	Vested	SPRING NO 164	26N	57E	23			3	MT. DIABLO	NV	NW COR. S.23 N 00 46 08 W 3799	SPRING		WRI
1425	ACQUIRED	Vested	SPRING NO 173	26N	57E	27	NE	SE		MT. DIABLO	NV	NE COR. S.22 N 04 32 24 E 8258	SPRING	0.29	WR
1426	ACQUIRED	Vested	SPRING NO 174	26N	57E	27	NE	SE		MT. DIABLO	NV	NE COR. S.22 N 3 53 47 E 8281	SPRING		WR
1427	ACQUIRED	Vested	SPRING NO 175	26N	57E	27	NE	SE		MT. DIABLO	NV	NE COR. S.22 N 04 06 50 E 8427	SPRING	0.65	WR
1428	ACQUIRED	Vested	SPRING NO 176	26N	57E	27	NE	SE		MT. DIABLO	NV	NE COR. S.22 N 04 09 10 E 8474	SPRING		WR
1429	ACQUIRED	Vested	SPRING NO 177	26N	57E	27	NE	SE		MT. DIABLO	NV	NE COR. S.21 N 04 21 21 E 8617	SPRING		WR
1432	ACQUIRED	Vested	SPRING NO 204	26N	57E	34	SE	SE		MT. DIABLO	NV	NE COR. S.22 N 03 43 11 E 15298	SPRING	0.34	WR
1433	ACQUIRED	Vested	SPRING NO 222	25N	57E	03	NE	SE		MT. DIABLO	NV	NE COR. S.3 N 02 25 32 E 3178	SPRING	0.02	WR
1434	ACQUIRED	Vested	SPRING NO 235	27N	58E	30			4	MT. DIABLO	NV	NW COR. S.30 N 00 24 41 W 4360	SPRING	0.05	WR
1435	ACQUIRED	Vested	SPRING NO 240	27N	57E	36	NE	NE		MT. DIABLO	NV	E 1/4 COR. S.36 S 06 39 30 E 1484	SPRING	0.02	WR
1436	ACQUIRED	Vested	SPRING NO 241	27N	57E	25	NE	NE		MT. DIABLO	NV	NE COR. S.15 N 10 24 10 E 1214	SPRING	0.1	WR
1437	ACQUIRED	Vested	SPRING NO 250	27N	57E	36	NE	NE		MT. DIABLO	NV	E 1/4 COR. S.36 S 04 21 49 E 2448	SPRING		WR
1438	ACQUIRED	Vested	SPRING NO 251	27N	57E	36	NE	NE		MT. DIABLO	NV	E 1/4 COR. S.36 S 09 16 46 E 2241	SPRING	0.03	WR
1453	ACQUIRED	Vested	SPRING NO 101	28N	58E	20	NE	SE		MT. DIABLO	NV	CE 1/16 S.20 N 46 11 8 W 494	SPRING	0.1	WR
1454	ACQUIRED	Vested	SPRING NO 102	28N	58E	32	SE	SW		MT. DIABLO	NV	SW COR. S.32 S 64 29 41 W 2805	SPRING	0.3	WRI
1455	ACQUIRED	Vested	SPRING NO 123	26N	57E	12	NE	NE		MT. DIABLO	NV	E 1/4 S.36 N 05 39 45 E 8352	SPRING	0.05	WRI
1456	ACQUIRED	Vested	SPRING NO 144	27N	58E	31			5	MT. DIABLO	NV	W 1/4 S.31 N 56 8 11 W 1960	SPRING	0.1	WRI
1457	ACQUIRED	Vested	SPRING NO 145	26N	57E	1			1	MT. DIABLO	NV	E 1/4 S.36 T27N R57E N 10 43 44 E 3479	SPRING	0.01	WRI
1458	ACQUIRED	Vested	SPRING NO 146	26N	57E	1			3	MT. DIABLO	NV	E 1/4 S.36 T27N R57E N 6 40 31 E 4971	SPRING	0.1	WRI
1459	ACQUIRED	Vested	SPRING NO 147	26N	57E	1			4	MT. DIABLO	NV	E 1/4 S.36 T27N R57E N 8 26 1 E 6224	SPRING	0.16	WRI
1460	ACQUIRED	Vested	SPRING NO 148	26N	57E	1			4	MT. DIABLO	NV	E 1/4 S.36 T27N R57E N 10 25 41 E 6615	SPRING	0.11	WRI
1461	ACQUIRED	Vested	SPRING NO 149	26N	57E	1			5	MT. DIABLO	NV	E 1/4 S 36 T27N R57E N 9 46 11 E 7994	SPRING	0.03	WRI
1462	ACQUIRED	Vested	SPRING NO 151	26N	57E	14			3	MT. DIABLO	NV	SW COR. S.14 S 18 36 23 W 3282	SPRING	0.04	WRI
1463	ACQUIRED	Vested	SPRING NO 152	26N	57E	14			3	MT. DIABLO	NV	SW COR. S.14 S 51 11 5 W 2498	SPRING	0.03	WRI
1464	ACQUIRED	Vested	SPRING NO 153	26N	57E	14			3	MT. DIABLO	NV	SW COR. S.14 S 49 21 20 W 2116	SPRING	0.05	WRI
1465	ACQUIRED	Vested	SPRING NO 154	26N	57E	14			3	MT. DIABLO	NV	SW COR. S.14 S 46 1 30 W 1897	SPRING	0.05	WRI

divnum	statename	statnote	mtstnam	twship	range	section	dquarter 40	dquarter 160	lot	meridian	state	footnotes	srctype	mcfsrate	srsl
1466	ACQUIRED	Vested	SPRING NO 157	26N	57E	22	NE	NE		MT. DIABLO	NV	NE COR. S.22 N 2 10 45 E 693	SPRING	0.05	WRI
1467	ACQUIRED	Vested	SPRING NO 158	26N	57E	23			1	MT. DIABLO	NV	NW COR. S.23 N 25 8 22 W 939	SPRING	0.1	WRI
1468	ACQUIRED	Vested	SPRING NO 159	26N	57E	23			1	MT. DIABLO	NV	NW COR. S.23 N 16 39 41 W 1070	SPRING	0.05	WRI
1469	ACQUIRED	Vested	SPRING NO 160	26N	57E	23			2	MT. DIABLO	NV	NW COR. S.23 N 14 51 58 W 1858	SPRING	0.05	WRI
1470	ACQUIRED	Vested	SPRING NO 161	26N	57E	23			3	MT. DIABLO	NV	NW COR. S.23 N 1 10 49 W 3511	SPRING	0.05	WRI
1471	ACQUIRED	Vested	SPRING NO 165	26N	57E	23			4	MT. DIABLO	NV	NW COR. S.23 N 0 51 16 W 4057	SPRING	0.02	WRI
1472	ACQUIRED	Vested	SPRING NO 166	26N	57E	23			4	MT. DIABLO	NV	NW COR. S.23 N 0 41 7 W 4666	SPRING	0.04	WRI
1473	ACQUIRED	Vested	SPRING NO 167	26N	57E	23			4	MT. DIABLO	NV	NW COR. S.23 N 0 4 17 W 4983	SPRING	0.03	WRI
1478	ACQUIRED	Vested	SPRING NO 178	16N	57E	27	NE	SE		MT. DIABLO	NV	NE COR. S.22 N 2 19 41 E 8721	SPRING	0.01	WRI
1479	ACQUIRED	Vested	SPRING NO 179	26N	57E	27	SE	SE		MT. DIABLO	NV	NE COR. S.22 N 3 14 27 E 10065	SPRING	0.04	WRI
1480	ACQUIRED	Vested	SPRING NO 180	26N	57E	34			1	MT. DIABLO	NV	NE COR. S.22 N 5 43 28 E 11566	SPRING	0.71	WRI
1481	ACQUIRED	Vested	SPRING NO 181	26N	57E	34			1	MT. DIABLO	NV	NE COR. S.22 N 6 49 7 E 11857	SPRING	0.07	WRI
1499	ACQUIRED	Vested	SPRING NO 200	26N	57E	34			3	MT. DIABLO	NV	NE COR. S.22 N 5 52 1 E 14034	SPRING	0.01	WRI
1502	ACQUIRED	Vested	SPRING NO 205	26N	57E	34	SE	SE		MT. DIABLO	NV	NE COR. S.22 N 2 52 10 E 15623	SPRING	0.02	WRI
1503	ACQUIRED	Vested	SPRING NO 206	25N	57E	3	NE	NE		MT. DIABLO	NV	NE COR. S.3 N 41 37 26 E 157	SPRING	0.43	WRI
1504	ACQUIRED	Vested	SPRING NO 207	25N	57E	2			1	MT. DIABLO	NV	NE COR. S.3 N 21 46 14 W 1368	SPRING	0.01	WRI
1505	ACQUIRED	Vested	SPRING NO 208	25N	57E	3	NE	NE		MT. DIABLO	NV	NE COR. S.3 N 16 20 57 E 1171	SPRING	0.24	WRI
1506	ACQUIRED	Vested	SPRING NO 209	25N	57E	3	NE	NE		MT. DIABLO	NV	NE COR. S.3 N 12 47 27 E 1189	SPRING		WRI
1507	ACQUIRED	Vested	SPRING NO 210	25N	57E	3	NE	NE		MT. DIABLO	NV	NE COR. S.3 N 11 23 41 E 1336	SPRING	0.01	WRI
1508	ACQUIRED	Vested	SPRING NO 211	25N	57E	3	NE	NE		MT. DIABLO	NV	NE COR. S.3 N 5 59 27 E 1318	SPRING	0.05	WRI
1509	ACQUIRED	Vested	SPRING NO 212	25N	57E	3	SE	NE		MT. DIABLO	NV	NE COR. S.3 N 7 46 32 E 1455	SPRING	0.02	WRI
1510	ACQUIRED	Vested	SPRING NO 213	25N	57E	3	SE	NE		MT. DIABLO	NV	NE COR. S.3 N 15 20 49 E 1702	SPRING	0.03	WRI
1511	ACQUIRED	Vested	SPRING NO 214	25N	57E	3	SE	NE		MT. DIABLO	NV	NE COR. S.3 N 14 23 37 E 1660	SPRING	0.02	WRI
1512	ACQUIRED	Vested	SPRING NO 215	25N	57E	3	SE	NE		MT. DIABLO	NV	NE COR. S.3 N 6 8 22 E 1843	SPRING	0.01	WRI
1513	ACQUIRED	Vested	SPRING NO 216	25N	57E	3	SE	NE		MT. DIABLO	NV	NE COR. S.3 N 11 18 6 E 2022	SPRING	0.03	WRI
1514	ACQUIRED	Vested	SPRING NO 217	25N	57E	3	SE	NE		MT. DIABLO	NV	NE COR. S.3 N 10 47 59 E 2130	SPRING	0.12	WRI
1515	ACQUIRED	Vested	SPRING NO 218	25N	57E	3	SE	NE		MT. DIABLO	NV	NE COR. S.3 N 7 25 36 E 2210	SPRING	0.01	WRI
1516	ACQUIRED	Vested	SPRING NO 219	25N	57E	3	SE	NE		MT. DIABLO	NV	NE COR. S.3 N 9 25 20 E 2336	SPRING	0.13	WRI
1517	ACQUIRED	Vested	SPRING NO 220	25N	57E	2			2	MT. DIABLO	NV	NW COR. S.2 N 2 20 52 W 2555	SPRING	0.03	WRI
1518	ACQUIRED	Vested	SPRING NO 221	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 1 32 32 W 2824	SPRING	0.03	WRI
1519	ACQUIRED	Vested	SPRING NO 223	25N	57E	3	NE	SE		MT. DIABLO	NV	NE COR. S.3 N 1 38 19 E 2915	SPRING	0.05	WRI
1520	ACQUIRED	Vested	SPRING NO 224	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 1 48 2 W 3216	SPRING	0.14	WRI

idnum	statetime	statnote	mskname	township	range	section	quarter 40	quarter 160	lot	meridian	state	locnotes	srctype	mcfrate	srsl
1521	ACQUIRED	Vested	SPRING NO 225	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 3 29 52 W 3409	SPRING	0.02	WRE
1522	ACQUIRED	Vested	SPRING NO 226	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 14 50 39 W 2841	SPRING	0.03	WRE
1523	ACQUIRED	Vested	SPRING NO 227	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 20 29 37 W 2955	SPRING	0.05	WRE
1524	ACQUIRED	Vested	SPRING NO 228	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 20 31 45 W 3060	SPRING	0.02	WRE
1525	ACQUIRED	Vested	SPRING NO 229	27N	58E	10	NE	SW		MT. DIABLO	NV	NW COR. S.22 S 14 02 49 W 7706	SPRING	0.2	WRE
1526	ACQUIRED	Vested	SPRING NO 230	27N	58E	21	NE	NE		MT. DIABLO	NV	NW COR. S.22 N 64 44 57 E 1113	SPRING	0.2	WRE
1528	ACQUIRED	Vested	SPRING NO 232	17N	58E	21			2	MT. DIABLO	NV	NW COR. S.22 N 90 04 28 E 2985	SPRING	0.1	WRE
1529	ACQUIRED	Vested	SPRING NO 233	26N	57E	15	SE	NE		MT. DIABLO	NV	E1/4 S.15 PROJECTED S.46 34 44 E 871	SPRING	6.8	WRE
1530	ACQUIRED	Vested	SPRING NO 234	26N	57E	1	SW	NW		MT. DIABLO	NV	E1/4 S.36 T27N R57E N 40 46 19 E 6880	SPRING	12	WRE
1531	ACQUIRED	Vested	SPRING NO 236	27N	58E	31			4	MT. DIABLO	NV	W1/4 S.31 N 32 15 0 W 1584	SPRING	0.1	WRE
1532	ACQUIRED	Vested	SPRING NO 237	27N	58E	31			4	MT. DIABLO	NV	W1/4 S.31 N 32 38 1 W 2379	SPRING	0.05	WRE
1533	ACQUIRED	Vested	SPRING NO 238	27N	58E	31			4	MT. DIABLO	NV	W1/4 S.31 N 27 27 39 W 2492	SPRING	0.08	WRE
1534	ACQUIRED	Vested	SPRING NO 239	27N	58E	16			2	MT. DIABLO	NV	SE COR. S.16 S 5 0 56 E 2860	SPRING	0.2	WRE
1537	ACQUIRED	Vested	SPRING NO 244	26N	57E	34			2	MT. DIABLO	NV	NE COR. S.22 N 5 47 3 E 12568	SPRING	0.01	WRE
1539	ACQUIRED	Vested	SPRING NO 246	25N	57E	2			2	MT. DIABLO	NV	NW COR. S.2 N 19 26 56 W 2558	SPRING	0.02	WRE
1540	ACQUIRED	Vested	SPRING NO 247	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 7 27 19 W 3738	SPRING	0.05	WRE
1541	ACQUIRED	Vested	SPRING NO 248	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 16 27 8 W 3566	SPRING	0.02	WRE
1542	ACQUIRED	Vested	SPRING NO 249	25N	57E	2	SW	SW		MT. DIABLO	NV	NW COR. S.2 N 12 12 3 W 4105	SPRING	0.01	WRE
1543	ACQUIRED	Vested	SPRING NO 252	25N	57E	2			2	MT. DIABLO	NV	NW COR. S.2 N 16 59 13 W 2599	SPRING	0.01	WRE
1544	ACQUIRED	Vested	SPRING NO 253	25N	57E	2	NW	SW		MT. DIABLO	NV	NW COR. S.2 N 19 46 51 W 2880	SPRING	0.02	WRE
1549	ACQUIRED	Vested	Slough1	25N	57E	2				MT. DIABLO	NV	SE COR. S.2 S 57 24 40 E 2160	SLOUGH	0.01	WRE
1550	ACQUIRED	Vested	Slough2A	25N	57E	1				MT. DIABLO	NV	SE COR. S.2 S 88 25 45 E 86	SLOUGH	0.01	WRE
1551	ACQUIRED	Vested	Slough2B	25N	57E	1				MT. DIABLO	NV	SE COR. S.2 S 88 26 29 E 538	SLOUGH		WRE
1552	ACQUIRED	Vested	Slough2C	25N	57E	1				MT. DIABLO	NV	SE COR. S.2 S 88 26 52 E 751	SLOUGH		WRE
1554	ACQUIRED	Vested	Woodward Cr A	25N	57E	1				MT. DIABLO	NV	SE COR. S.2 S 88 27 05 E 4460	STREAM	1	WRE
1555	ACQUIRED	Vested	Woodward Cr B	25N	57E	1				MT. DIABLO	NV	SE COR. S.2 S 88 27 04 E 5113	STREAM	0.01	WRE
1556	ACQUIRED	Vested	SPRING NO 254	27N	58E	7			8	MT. DIABLO	NV	NE COR. S.6 N 8 17 31 E 6126	SPRING	0.1	WRE
1557	ACQUIRED	Vested	SPRING NO 255	27N	58E	7			8	MT. DIABLO	NV	NE COR. S.6 N 12 16 39 E 6387	SPRING	0.1	WRE
1558	ACQUIRED	Vested	SPRING NO 256	27N	58E	7			8	MT. DIABLO	NV	NE COR. S.6 N 12 11 44 E 6469	SPRING	0.15	WRE
1559	ACQUIRED	Vested	SPRING NO 257	27N	58E	7			8	MT. DIABLO	NV	NE COR. S.6 N 13 42 35 E 6689	SPRING	0.2	WRE
1560	ACQUIRED	Vested	SPRING NO 260	27N	58E	2	NW	SW		MT. DIABLO	NV	N1/4 S.1 N 35 49 15 E 3883	SPRING	0.2	WRE