UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE EAST BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES

AND A PORTION OF HOMESTEAD ENTRY SURVEY NO. 68,

AND THE SUBDIVISION OF SECTIONS 13 AND 24,

AND A METES-AND-BOUNDS SURVEY OF A PORTION OF THE

EASTERLY RIGHT-OF-WAY LINE OF NEVADA STATE ROUTE NO. 225.

TOWNSHIP 45 NORTH, RANGE 53 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

#### EXECUTED BY

Steven W. Bell, Land Surveyor (U.S.F.S.)
Kane M. Hellebust, Supervisory Land Surveyor (U.S.F.S.)

Under Special Instructions dated March 27, 2018,

and approved March 27, 2018,

and Amended Supplemental Special Instructions dated October 24, 2019,

and approved October 24, 2019,

which provided for the surveys included under Group No. 982,

and Assignment Instructions dated March 27, 2018.

Survey commenced June 5, 2018

Survey completed June 11, 2020

### INDEX DIAGRAM

TOWNSHIP 45 NORTH, RANGE 53 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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#### CHAINS

The following field notes are those of the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines and a portion of Homestead Entry Survey No. 68, and the subdivision of sections 13 and 24, and a metes-and-bounds survey of a portion of the easterly right-of-way line of Nevada State Route No. 225, Township 45 North, Range 53 East, Mount Diablo Meridian, Nevada.

The north boundary (Old Ninth Standard Parallel North) was surveyed by U.S. Deputy Surveyor D.C. Scully in 1896, under Contract No. 209. The north boundary (Ninth Standard Parallel North) was independently resurveyed, and the southwest corner of Township 46 North, Range 54 East, was established on the Old Standard Parallel by U.S. Surveyor F.E. Joy in 1911, in connection with the survey of the Duck Valley Indian Reservation. Homestead Entry Survey No. 68 was surveyed by The Old Ninth Standard Forest Assistant W.B. Rice in 1914. Parallel North through Ranges 52 and 53 East, was retraced, a portion of the north boundary (Ninth Standard Parallel North) and a portion of the west boundary of Township 46 North, Range 54 East, was dependently resurveyed, and the east, west, and south boundaries and the subdivisional lines of Township 45 North, Range 53 East, were surveyed by U.S. Surveyor C.S. Swanholm in 1920-1921, under Group No. 73. A portion of the north boundary (Ninth Standard Parallel North) of Township 45 North, Range 53 East, and a portion of the west boundary of Township 46 North, Range 54 East, was dependently resurveyed by Cadastral Surveyor N.R. Forsyth in 1974, under Group No. 508. A portion of the north boundary (Ninth Standard Parallel North) was dependently resurveyed by Cadastral Surveyor R.E. Williams in 1990-1991, under Group No. 686.

Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for any evidence of the position of the original corners and other calls of the original field note record.

In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions</u>, 2009, and the Special Instructions dated March 27, 2018, and the Amended Supplemental Special Instructions dated October 24, 2019, for Group No. 982.

Measurements were made with Trimble R-8 Global Navigation Satellite System (GNSS) receivers using the real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.

#### TOWNSHIP 45 NORTH, RANGE 53 EAST, MOUNT DIABLO MERIDIAN, NEVADA

#### CHAINS

The NAD 1983 (2011) (EPOCH: 2010.0000) geographic position, of the following corners were determined from GNSS static observations processed by National Geodetic Survey, Online Positioning User utilizing Continuous Operation Reference (OPUS), Stations (CORS) DP9275 P018 PHARMACY\_OR2008 CORS ARP, DL7761 MCDERMITT OR2008 CORS ARP\_ AH8524 and BURNS BURNS JUNCTION CORS ARP, and carried forward bу RTK observations.

The 1/4 sec. cor. of secs. 19 and 24, on the E. bdy. of the Tp., is as follows:

Latitude: 41°46'53.886" N. Longitude: 115°56'52.092" W.

The 1/4 sec. cor. of secs. 13 and 14, is as follows:

Latitude: 41°47'46.031" N. Longitude: 115°58'01.755" W.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by U.S. Surveyor C.S. Swanholm in 1920 and 1921

Beginning at the 1/4 sec. cor. of secs. 19 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above a mound of stone, 3 ft. diam., 1/2 ft. high, with brass cap mkd.

1/4 S24

1921

with a mound of stone, 3 ft. diam., 1 ft. high, SE. of cor.

I add the marks to read

T45N R53E R54E 1/4 S24 S19 2020 1921

Set an aluminum sign post alongside iron post.

N. 0°01'30" E., bet. secs. 19 and 24.

### DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Spur, slopes NE.
15.45	Downed barbed wire fence, bears S. 75° E. and N. 75° W.
19.952	Point for the N 1/16 sec. cor. of secs. 19 and 24.
	POINT NOT MONUMENTED
21.60	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears ESE. and WNW.
22.90	Barbed wire fence, parallels highway.
23.55	Power line, S. 75° E., 0.18 chs. dist. of power pole, with lines extending N. 15° E., S. 75° E., and N. 75° W.
24.25	Power line, N. 15° E., 0.76 chs. dist. of same power pole.
24.35	Trail road, 12 lks. wide, bears E. and W.
24.70	Left bank of the Owyhee River, bears E. and W., thence across river, course W.
25.70	Right bank of the Owyhee River, bears E. and W.
29.928	Point for the N-N 1/64 sec. cor. of secs. 19 and 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	N-N 1/64 S24 S19
	2018
	Set an aluminum sign post alongside stainless steel post.
34.35	Chain link fence with barbed wire top, bears S. 35° E. and N. 35° W.
38.50	Chain link fence with barbed wire top, bears N. 50° E. and S. 50° W.
39.904	The cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 2 ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd. as described in the field notes of the survey of the E. bdy. of T. 45 N., R. 53 E., executed under Group No. 73, with a mound of stone, 2 ft. diam., 1/2 ft. high, W. of cor.
	Wood fence posts, 4 ins. diam., extending 4 1/2 ft. above ground; NE., SE., SW., and NW. of corner, 4 ft. dist.

### DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

	· ·
CHAINS	Set an aluminum sign post alongside iron post.
	N. 0°01'50" E., bet. secs. 13 and 18.
1.75	Barbed wire fence, bears N. 75° E. and S. 75° W.
6.25	Gravel road, 20 lks. wide, bears NE. and SW.
19.988	Point for the S 1/16 sec. cor. of secs. 13 and 18.
	POINT NOT MONUMENTED
21.95	Barbed wire fence, bears S. 85° E. and N. 85° W.
23.20	Shallow draw, drains W.
24.985	Point for the S-N-S 1/256 sec. cor. of secs. 13 and 18.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
·	S-N-S 1/256
	S13 S18
	2018
	Set an aluminum sign post alongside stainless steel post.
25.50	Small flat top spur, slopes W.
26.85	Draw, drains W.
33.30	Dirt road, 20 lks. wide, bears NNE. and SSW.
34.60	Barbed wire fence, bears N. 15° E. and S. 15° W.
36.90	Low spur, slopes W.
39.90	Draw, drains SW.
39.976	The 1/4 sec. cor. of secs. 13 and 18, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.
	1/4
	S13
	1921
	with a mound of stone, 3 ft. diam., 1/2 ft. high, W. of cor.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
CHAINS	I add the marks to read
	T45N
·	R53E R54E 1/4
	S13 S18
	20 <mark>2</mark> 0 1921
	Set an aluminum sign post alongside iron post.
	DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA
	Reestablishment of a Portion of the Survey Executed by U.S. Surveyor C.S. Swanholm in 1920 and 1921
	From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., hereinbefore described.
	N. 89°56'50" W., bet. secs. 13 and 24.
2.494	Point for the E-E-E-E 1/1024 sec. cor. of secs. 13 and 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.
	1/1024
	2018
	Set an aluminum sign post alongside stainless steel post.
2.55	Barbed wire fence, bears N. 25° E. and S. 25° W.
8.95	Barbed wire fence, N. 60° E., 1.05 chs. dist. of fence corner with fences extending N. 60° E. and N. 45° W.
10.35	Barbed wire fence, N. 45° W., 0.70 chs. dist. of fence corner with fences extending N. 60° E. and N. 45° W.
11.15	Right bank of the Owyhee River, bears SE. and NW., thence across river, course NW.
11.95	Left bank of the Owyhee River, bears SE. and NW.
16.50	Barbed wire fence, bears N. and S.
16.952	Point for a witness point, at intersection of the easterly right-of-way line of Nevada State Route No. 225, with the line bet. secs. 13 and 24, hereinafter described.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

	TO MY TO SEE THE STEEL THE
CHAINS	
17.75	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears SSE. and NNW.
19.952	Point for the E 1/16 sec. cor. of secs. 13 and 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	S13
	E1/16
	S24
	2018
	Set an aluminum sign post alongside stainless steel post.
27.15	Barbed wire fence, bears N. 20° E. and S. 20° W.
39.904	The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above a mound of stone, 3 ft. diam., 1/2 ft. high, with brass cap mkd.
	S13
	1/4
	S24
	1921
	with a mound of stone, 2 ft. diam., 1/2 ft. high, N. of cor.
	I add the marks to read
	T45N R53E
	S13 1/4 ———
	S24
	2018
	1921
	Set an aluminum sign post alongside iron post.
	From the 1/4 sec. cor. of secs. 12 and 13, monumented with an iron post, 1 in. diam., firmly set, projecting 20 ins. above the ground, and in a scattered mound of stone, with brass cap mkd.
	S12
	1/4
	S13
	1921
	I add the marks to read

### DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T45N R53E
	\$12
	1/4 ————————————————————————————————————
	2019 1921
	Rebuild mound of stone, 3 ft. base, 1 1/2 ft. high, around iron post.
	Set an aluminum sign post alongside iron post.
	S. 89°55′30″ W., bet. secs. 12 and 13.
6.327	Intersect line 1-2 of H.E.S. No. 68, at a point from which Cor. No. 1, H.E.S. No. 68, hereinafter described, bears N. 40°53′20″ W., 7.097 chs. dist.
6.95	Barbed wire fence, bears S. 35° E. and N. 35° W.
7.85	Power line, bears S. 25° E. and N. 25° W.
8.55	Edge of cultivated field, bears S. 35° E. and N. 35° W.
14.00	Barbed wire fence, bears S. 25° E. and N. 25° W. Leave cultivated field.
14.50	Right bank of the Owyhee River, bears SE. and NW., thence across river, course NW.
15.15	Left bank of the Owyhee River, bears SE. and NW.
16.05	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears S. 25° E. and N. 25° W.
17.026	Intersect line 5-6 of H.E.S. No. 68, at a point from which Cor. No. 6, H.E.S. No. 68, hereinafter described, bears N. 33°34′30″ W., 2.976 chs. dist.
17.30	Barbed wire fence, bears S. 10° E. and N. 10° W.
33.10	Rocky spur, slopes NE.
39.950	The cor. of secs. 11, 12, 13 and 14, monumented with an iron post, 2 ins. diam., firmly set, flush with a mound of stone, 3 ft. diam., 1/2 ft. high, with brass cap mkd. as described in the field notes of the survey of T. 45 N., R. 53 E., executed under Group No. 73, with a mound of stone, 3 ft. diam., 1/2 ft. high, W. of cor.
	Set an aluminum sign post alongside iron post.

CHAINS	Reestablishment of a Portion of the Survey Executed by Forest Assistant W.B. Rice in 1914
	From Cor. No. 1 of H.E.S. No. 68, perpetuated by William G. Dempsey, Nevada Professional Land Surveyor No. 17187, in 2008, for the U.S. Forest Service, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, flush with a mound of stone, 3 ft. diam., 1/2 ft. high, with a USFS aluminum cap mkd. T45N R53E S12 COR 1 HES 68 2008, as recorded in Elko County, Nevada, Record of Survey No. 2846, Document No. 612298, from which the original bearing objects
	A limestone rock, showing 3 x 2 1/2 x 1 ft. above ground, bears N. 33°28' W., 27.0 lks. dist., mkd. X 1 HES 68 BR.
	A limestone rock, showing 4 x 4 x 2 ft. above ground, bears N. 81°58' W., 43.0 lks. dist. (Record 42 lks. dist.), mkd. X 1 HES 68 BR.
	with a scattered mound of stone, SW. of cor. within the claim.
	This is accepted as a careful and faithful perpetuation of the position of the original corner.
	s. 40°53'20" E., on line 1-2 of H.E.S. No. 68.
0.15	Barbed wire fence, bears S. 35° E. and N. 35° W.
1.70	Power line, bears S. 25° E. and N. 25° W.
7.097	Intersect the line bet. secs. 12 and 13, at a point from which the 1/4 sec. cor. of secs. 12 and 13, hereinbefore described, bears N. 89°55′30″ E., 6.327 chs. dist.
16.778	Intersect the N-S center line of sec. 13, at a point from which the 1/4 sec cor. of secs. 12 and 13, hereinbefore described, bears N. 0°04′50″ W., 7.327 chs. dist.
22.30	Barbed wire fence, bears S. 50° E. and N. 50° W.
25.90	Irrigation ditch, drains NW.
26.40	Edge of cultivated field, bears SE. and NW.
44.50	Irrigation ditch, drains NE.
45.80	Edge of cultivated field, bears SSE. and NNW.
46.50	Irrigation ditch, drains NNW.
51.60	Irrigation ditch, drains NW.
52.50	Edge of cultivated field, bears SE. and NW.
56.90	Irrigation ditch, drains NNW.

CHAINS 59.914	Intersect the E-W center line of sec. 13, at a point from which the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., hereinbefore described, bears S. 89°55′00″ E., 11.785 chs. dist.
65.95	Draw, drains SW.
68.10	Trail road, 12 lks. wide, bears NE. and SW.
71.319	Cor. No. 2 of H.E.S. No. 68, perpetuated by William G. Dempsey, Nevada Professional Land Surveyor No. 17187, in 2008, for the U.S. Forest Service, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above a mound of stone, 3 ft. diam., 1 ft. high, with a USFS aluminum cap mkd. T45N R53E HES 68 COR 2 S13 2008, as recorded in Elko County, Nevada, Record of Survey No. 2846, Document No. 612298, from which the original bearing objects
	A limestone rock, showing 3 x 2 x 1 ft. above ground, bears S. 66°02' W., 46.1 lks. dist., mkd. X 2 HES 68 BR.
	A quartzite rock, showing 2 x 2x 1/2 ft. above ground, bears N. 56°00' W., 36.4 lks. dist. (Record: N. 52°33' W., 31 lks. dist.), mkd. 2 HES 68 X BR.
	with a mound of stone, 4 ft. base, 1/2 ft. high, SW. of cor. within the claim.
	This is accepted as a careful and faithful perpetuation of the position of the original corner.
·	S. 9°03'40" W., on line 2-3 of H.E.S. No. 68.
6.459	The point for a witness point, at intersection of line 2-3 of H.E.S. No. 68 with the computed E-W center line of the SE1/4NE1/4SE1/4 of sec. 13, hereinafter described.
11.519	Intersect the E-W center line of the SE1/4 of sec. 13, at a point from which the point for the S 1/16 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., hereinbefore described, bears S. 89°55′50″ E., 6.123 chs. dist.
13.75	Trail road, 20 lks. wide, bears SE. and NNW.
18.45	Trail road, 12 lks. wide, bears NE. and SW.
24.457	Cor. No. 3 of H.E.S. No. 68, perpetuated by William G. Dempsey, Nevada Professional Land Surveyor No. 17187, in 2008, for the U.S. Forest Service, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, flush with a mound of stone, 2 1/2 ft. diam., 1/2 ft. high, with a USFS aluminum cap mkd. T45N R53E HES 68 COR 3 S13 2008, as recorded in Elko County, Nevada, Record of Survey No. 2846, Document No. 612298. This is accepted as a careful and faithful perpetuation of the position of the original corner.

CHAINS	S. 78°50'40" W., on line 3-4 of H.E.S. No. 68.
	Along barbed wire fence line.
3.20	Irrigation ditch, drains N.
3.80	End of barbed wire fence.
3.90	Right bank of the Owyhee River, bears SSE. and NNW., thence across river, course NNW.
4.55	Left bank of the Owyhee River, bears SSE. and NNW.
4.85	Barbed wire fence corner, fences extending S. and S. 80° W.
9.480	Cor. No. 4 of H.E.S. No. 68, perpetuated by William G. Dempsey, Nevada Professional Land Surveyor No. 17187, in 2008, for the U.S. Forest Service, monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 1 in. above the ground, with a USFS aluminum cap mkd. T45N R53E HES 68 COR 4 S13 2008, as recorded in Elko County, Nevada, Record of Survey No. 2846, Document No. 612298. This is accepted as a careful and faithful perpetuation of the position of the original corner.
	From this cor., a fence corner bears N. 77° E., 0.43 chs. dist. with fences extending N. 80° E. and N. 10° W.
	N. 10°29'40" W., on line 4-5 of H.E.S. No. 68.
11.10	Barbed wire fence, bears S. 10° E. and N. 10° W.
13.780	Intersect the N-S center line of the SE1/4 of sec. 13, at a point from which the E 1/16 sec. cor. of secs. 13 and 24, hereinbefore described, bears S. 0°01'30" E., 18.915 chs. dist.
14.877	Intersect the E-W center line of the SE1/4 of sec. 13, at a point from which the point for the C-S 1/16 sec. cor. of sec. 13, hereinafter described, bears N. 89°55′50″ W., 19.772 chs. dist.
15.35	Power line, bears S. 10° E. and N. 10° W.
20.90	Barbed wire fence, bears S. 15° E. and N. 15° W.
20.991	Cor. No. 5 of H.E.S. No. 68, perpetuated by William G. Dempsey, Nevada Professional Land Surveyor No. 17187, in 2008, for the U.S. Forest Service, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, and in a collar of stone, with a USFS aluminum cap mkd. T45N R53E HES 68 COR 5 S13 2008, as recorded in Elko County, Nevada, Record of Survey No. 2846, Document No. 612298. This is accepted as a careful and faithful perpetuation of the position of the original corner.
	Build a mound of stone, 3 ft. base, to top, around aluminum post.

	T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
	N. 33°34′30″ W., on line 5-6 of H.E.S. No. 68.
0.05	Barbed wire fence, bears S. 15° E. and N. 15° W.
3.40	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears S. 25° E. and N. 25° W.
8.60	Barbed wire fence, parallels highway.
16.00	Draw, drains NE.
16.799	Intersect the E-W center line of sec. 13, at a point from which the center 1/4 sec. cor. of secs. 13, hereinafter described, bears N. 89°55′00″ W., 9.396 chs. dist.
21.70	Barbed wire fence, parallels highway.
25.55	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears S. 45° E. and N. 45° W.
28.20	Left bank of the Owyhee River, bears SE. and NW., thence across river, course NW.
28.75	Left bank of the Owyhee River, bears N. and S.
31.30	Left bank of the Owyhee River, bears SE. and NW., thence across river, course NW.
33.822	Intersect the N-S center line of sec. 13, at a point from which the center 1/4 sec. cor. of sec. 13, hereinafter described, bears S. 0°04′50″ E., 14.169 chs. dist.
34.00	Left bank of the Owyhee River, bears SSE. and NNW.
38.15	Barbed wire fence, parallels highway.
45.90	Left bank of the Owyhee River, bears SE. and NW., thence across river, course NW.
48.60	Left bank of the Owyhee River, bears NNE. and SSW.
49.30	Barbed wire fence, parallels highway.
59.35	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears S. 25° E. and N. 25° W.
64.674	Intersect the line bet. secs. 12 and 13, at a point from which the 1/4 sec. cor. of secs. 12 and 13, hereinbefore described, bears N. 89°55′30″ E., 17.026 chs. dist.
65.40	Barbed wire fence, parallels highway.

	T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
67.650	Cor. No. 6 of H.E.S. No. 68, perpetuated by William G. Dempsey, Nevada Professional Land Surveyor No. 17187, in 2008, for the U.S. Forest Service, monumented with an aluminum rod, 3/4 in. diam., firmly set, flush with a mound of stone, 3 ft. diam., 1 ft. high, with a USFS aluminum cap mkd. T45N R53E S12 COR 6 HES 68 2008, as recorded in Elko County, Nevada, Record of Survey No. 2846, Document No. 612298, from which the original bearing objects
	An X on a blue limestone ledge, 7 ft. high, bears S. 30°14′ W., 12.4 lks. dist., mkd. with legible X HE BR (Record: X-6-HES-68-BR).
	A blue limestone ledge, 20 ft. high, bears N. 64°20' W., 47.7 lks. dist. (Record: 46 lks. dist.), mkd. with legible 6 HES 6 B (Record: X-6-HES-68-BR).
	with a mound of stone, 4 ft. diam., 2 ft. high, SE. of cor. within the claim.
	This is accepted as a careful and faithful perpetuation of the position of the original corner.
	SUBDIVISION OF SECTION 13, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the 1/4 sec. cor. of secs. 13 and 24.
	N. 0°04′50″ W., on the N-S center line of sec. 13.
17.80	Ridge, bears E. and W.
19.998	Point for the C-S 1/16 sec. cor. of sec. 13.
	POINT NOT MONUMENTED
35.30	Draw, drains E.
39.996	Point for the center 1/4 sec. cor. of sec. 13, at intersection with the E-W center line of sec. 13.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T45N R53E C 1/4 S13
	2018
	Set an aluminum sign post alongside stainless steel post.
41.10	Ridge, bears ESE. and WNW.

### SUBDIVISION OF SECTION 13, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS 50.65	Barbed wire fence, parallels highway.
52.10	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears S. 35° E. and N. 35° W.
53.80	Barbed wire fence, bears irregularly SSE. and NNW.
54.165	Intersect line 5-6 of H.E.S. No. 68, at a point from which Cor. No. 5, H.E.S. No. 68, hereinbefore described, bears S. 33°34′30″ E., 33.822 chs. dist.
54.25	Left bank of the Owyhee River, bears SSE. and NNW., thence across river, course NNW.
55.67	Right bank of the Owyhee River, bears SSE. and NNW.
59.70	Right bank of the Owyhee River, bears NE. and SW., thence across river, course NE.
61.15	Right bank of the Owyhee River, bears E. and W.
63.80	Edge of cultivated field, bears SSE. and NNW.
64.10	Power line, bears S. 25° E. and N. 25° W.
69.95	Irrigation ditch, drains WNW.
70.55	Edge of cultivated field, bears SE. and NW.
70.75	Irrigation ditch, drains NW.
71.10	Barbed wire fence, bears S. 50° E. and N. 50° W.
72.565	Intersect line 1-2 of H.E.S. No. 68, at a point from which Cor. No. 1, H.E.S. No. 68, hereinbefore described, bears N. 40°53′20″ W., 16.778 chs. dist.
79.892	The 1/4 sec. cor. of secs. 12 and 13.
	From the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp.
	N. 89°55′00″ W., on the E-W center line of sec. 13.
11.785	Intersect line 1-2 of H.E.S. No. 68, at a point from which Cor. No. 2, H.E.S. No. 68, hereinbefore described, bears S. 40°53′20″ E., 11.405 chs. dist.
12.30	Irrigation ditch, drains NW.
12.45	Edge of cultivated field, bears SE. and NW.
19.989	Point for the C-E 1/16 sec. cor. of sec. 13.
	POINT NOT MONUMENTED
23.10	Right bank of the Owyhee River, bears SSE. and NNW., thence across river, course NNW.

SUBDIVISION OF SECTION 13, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 13 N., N. 33 E., MONT BIABLO MENIDIAN, NEVADA
CHAINS 23.85	Left bank of the Owyhee River, bears SSE. and NNW.
27.85	Barbed wire fence, parallels highway.
28.70	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears S. 30° E. and N. 30° W.
29.00	Draw, drains NE.
29.80	Barbed wire fence, parallels highway.
30.582	Intersect line 5-6 of H.E.S. No. 68, at a point from which Cor. No. 5, H.E.S. No. 68, hereinbefore described, bears S. 33°34'30" E., 16.799 chs. dist.
39.978	The center 1/4 sec. cor. of sec. 13.
80.010	The 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 1 in. diam., firmly set, projecting 20 ins. above the ground, and in a scattered mound of stone, with brass cap mkd.
	1/4
	S14 S13
	·
	1921
	I add the marks to read
,	T45N R53E 1/4
	S14 S13
-	2018 1921
	Rebuild mound of stone, 3 ft. base, 1 ft. high, around iron post.
	Set an aluminum sign post alongside iron post.
	From the E 1/16 sec. cor. of secs. 13 and 24.
	N. 0°01'30" W., on the N-S center line of the SE1/4 of sec. 13.
14.65	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears S. 10° E. and N. 10° W.
18.55	Power line, bears S. 10° E. and N. 10° W.
18.915	Intersect line 4-5 of H.E.S. No. 68, at a point from which Cor. No. 5, H.E.S. No. 68, hereinbefore described, bears N. 10°29'40" W., 7.211 chs. dist.

### SUBDIVISION OF SECTION 13, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS 19.993	Point for the SE 1/16 sec. cor. of sec. 13, at intersection with the E-W center line of the SE1/4 of sec. 13.
	POINT NOT MONUMENTED
20.05	Barbed wire fence, parallels highway.
37.15	Left bank of the Owyhee River, bears ESE. and WNW., course WNW.
38.20	Right bank of the Owyhee River, bears ESE. and WNW.
39.986	The point for the C-E 1/16 sec. cor. of sec. 13.
	From the point for the S 1/16 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp.
	N. $89^{\circ}55'50''$ W., on the E-W center line of the SE1/4 of sec. 13.
0.55	Barbed wire fence, bears N. 10° E. and S. 10° W.
1.75	Dirt road, 30 lks. wide, bears N. 10° E. and S. 10° W.
2.15	Barbed wire fence, parallels dirt road.
6.123	Intersect line 2-3 of H.E.S. No. 68, at a point from which Cor. No. 2, H.E.S. No. 68, hereinbefore described, bears N. 9°03'40" E., 11.519 chs. dist.
7.20	Trail road, 12 lks. wide, bears S. 15° E. and N. 15° W.
9.20	Irrigation ditch, drains N.
9.45	Edge of cultivated field, bears N. and S.
14.90	Edge of cultivated field, bears N. and S.
15.50	Right bank of the Owyhee River, bears SE. and NW., thence across river, course NW.
17.00	Left bank of the Owyhee River, bears N. and SE.
19.95	Barbed wire fence, bears S. 10° E. and N. 10° W.
19.971	The point for the SE 1/16 sec. cor. of sec. 13.
20.170	Intersect line 4-5 of H.E.S. No. 68, at a point from which Cor. No. 5, H.E.S. No. 68, hereinbefore described, bears N. 10°29'40" W., 6.114 chs. dist.
20.20	Power line, bears S. 10° E. and N. 10° W.
20.80	Nevada State Route No. 225, asphalt surfaced, 35 lks. wide, bears S. 10° E. and N. 10° W.
23.30	Barbed wire fence, parallels highway.
39.942	The point for the C-S 1/16 sec. cor. of sec. 13.

SUBDIVISION OF SECTION 13, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 43 N., R. 33 E., MOUNI DIABLO MERIDIAN, NEVADA
CHAINS	
	From the S-N-S 1/256 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp.
·	N. 89°55'40" W., on a portion of the computed E-W center line of the SE1/4NE1/4SE1/4 of sec. 13.
0.95	Dirt road, 30 lks. wide, bears N. 5° E. and S. 5° W.
1.40	Barbed wire fence, parallels dirt road.
3.55	Draw, drains NW.
5.329	Point for a witness point, at intersection of line 2-3 of H.E.S. No. 68, with the computed E-W center line of the SE1/4NE1/4SE1/4 of sec. 13.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	WP  HES / T45N  R53E  SNS - SNS  68 / S13
	2018
·	Set an aluminum sign post alongside stainless steel post.
	From this point, Cor. No. 2 of H.E.S. No. 68, hereinbefore described, bears N. 9°03'40" E., 6.459 chs. dist.
	SUBDIVISION OF SECTION 24, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN
	From the 1/4 sec. cor. of secs. 24 and 25, monumented with an iron post, 1 in. diam., flush with a mound of stone, 3 ft. diam., 1 ft. high, with brass cap mkd.
	S24
	1/4 ————————————————————————————————————
	1920
	with a mound of stone, 3 ft. diam., 1/2 ft. high, N. of cor.
	I add the marks to read

### SUBDIVISION OF SECTION 24, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN

CHAINS	
	T45N R53E
	1/4 ———
	S25
	2019
	1920
	Build a mound of stone, 3 ft. base, to top, around iron post.
	Set an aluminum sign post alongside iron post.
	N. 0°06′00″ E., on the N-S center line of sec. 24.
12.60	Trail road, 15 lks. wide, bears ESE. and WNW.
16.20	Draw, drains ENE.
22.20	Trail road, 15 lks. wide, bears NE. and SW.
39.935	Point for the center 1/4 sec. cor. of sec. 24, at intersection with the E-W center line of sec. 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground to solid rock, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T45N R53E C 1/4 S24
	2018
	Set an aluminum sign post alongside stainless steel post.
46.90	Sharp ridge, bears S. 75° E. and N. 75° W.
57.60	Draw, drains ENE.
59.892	Point for the C-N 1/16 sec. cor. of sec. 24.
	POINT NOT MONUMENTED
67.80	Barbed wire fence, bears N. 70° E. and S. 70° W.
79.849	The 1/4 sec. cor. of secs. 13 and 24
	From the 1/4 sec. cor. of secs. 19 and 24, on the E. bdy. of the Tp.  N. 89°57′40″ W., on the E-W center line of sec. 24.
10 000	
19.982	Point for the C-E 1/16 sec. cor. of sec. 24.
	POINT NOT MONUMENTED

### SUBDIVISION OF SECTION 24, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN

	1. 45 N., R. 33 E., MOUNT DIABLO MERIDIAN
CHAINS	The point for the center 1/4 C
39.964	The point for the center 1/4 sec. cor. of sec. 24.
46.20	Barbed wire fence, bears S. 25° E. and N. 25° W.
71.60	Draw, drains NE.
79.964	The 1/4 sec. cor. of secs. 23 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 15 ins. above the ground, with brass cap mkd.
	1/4
	S23 S24
	1921
	I add the marks to read
	T45N R53E
	S23 S24
	2018 1921
	Build a mound of stone, 3 ft. base, 1 ft. high, around iron post.
	Set an aluminum sign post alongside iron post.
	From the point for the C-E 1/16 sec. cor. of sec. 24.
	N. 0°03'50" E., on the N-S center line of the NE1/4 of sec. 24.
19.954	Point for the NE $1/16$ sec. cor. of sec. 24, at intersection with the E-W center line of the NE1/4 of sec. 24.
	POINT NOT MONUMENTED
22.95	Barbed wire fence, S. 65° E., 0.86 chs. dist. of fence corner with fences extending N. 25° E. and S. 65° E.
25.05	Same fence, bears N. 25° E. and S. 25° W.
25.60	Draw, drains NNE.
28.05	Barbed wire fence, N. 45° W., 1.35 chs. dist. of fence corner with fences extending S. 25° E. and N. 45° W.
39.908	The E 1/16 sec. cor. of secs. 13 and 24.
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## SUBDIVISION OF SECTION 24, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN

From the point for the N 1/16 gaz, say, of and 10 and 24
From the point for the N $1/16$ sec. cor. of secs. 19 and 24, on the E. bdy. of the Tp.
N. $89°57'10"$ W., on the E-W center line of the NE1/4 of sec. 24.
Barbed wire fence, bears N. 5° E. and S. 5° W.
The point for the NE 1/16 sec. cor. of sec. 24.
Draw, drains NE.
Trail road, 12 lks. wide, bears NNE. and ESE.
The point for the C-N 1/16 sec. cor. of sec. 24.
From the N-N $1/64$ sec. cor. of secs. 19 and 24, on the E. bdy. of the Tp.
N. $89°57'00"$ W., on a portion of the computed E-W center line of the NE1/4NE1/4 of sec. 24.
Point selected for the witness cor. to the C-E-E-NE-NE 1/1024 sec. cor. of sec. 24.
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
WC 1/1024
2018
Set an aluminum sign post alongside stainless steel post.
Right bank of the Owyhee River, bears SE. and NW., thence across river, course NW.
True point for the C-E-E-NE-NE 1/1024 sec. cor. of sec. 24, at its computed position, falls within the channel of the Owyhee River where it is impractical to establish a permanent monument.
N. 0°01'50" E., on the computed N-S center line of the SE1/4NE1/4NE1/4NE1/4 of sec. 24.
Across river, course NW.
Right bank of the Owyhee River, bears SE. and NW.
Point for the C-E-NE-NE-NE $1/1024$ sec. cor. of sec. 24, at its computed position.
POINT NOT MONUMENTED

### SUBDIVISION OF SECTION 24, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN

CHAINS	
	N. 0°01'50" E., on the computed N-S center line of the NE1/4NE1/4NE1/4 of sec. 24.
3.10	Barbed wire fence, bears S. 35° E. and N. 35° W.
4.988	The E-E-E 1/1024 sec. cor. of secs. 13 and 24.
	METES-AND-BOUNDS SURVEY OF A PORTION OF THE EASTERLY RIGHT-OF-WAY LINE OF NEVADA STATE ROUTE NO. 225, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the point for a witness point, at intersection of the easterly right-of-way line of Nevada State Route No. 225 with the line bet. secs. 13 and 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	WP / S13
	S24
	2018
	From this point, a standard U.S. Dept. of Agriculture Bureau of Public Roads highway station, utilized to determine the centerline of the right-of-way, monumented with an iron post, 2 1/2 ins. diam., projecting 12 ins. above ground, with brass cap mkd. ELEVATION 4093+90.78 5745.09 FEET 1939, bears S. 45°30′20″ E., 28.565 chs. dist.
	From this same point, a standard U.S. Dept. of Agriculture Bureau of Public Roads highway station utilized to determine the centerline of the right-of-way, monumented with an iron post, 2 1/2 ins. diam., projecting 6 ins. above ground, with brass cap mkd. ELEVATION 4093+90.78 FEET 1939, bears S. 43°24'40" E., 29.450 chs. dist.
	Set an aluminum sign post alongside stainless steel post.
	Thence along the arc of a circular curve to the right having a radius of 1550.00 ft., the long chord of said arc bears N. 10°40′50″ W., 1.676 chs. dist., on the easterly right-of-way line of Nevada State Route No. 225.
1.40	Dirt road, 35 lks. wide, bears N. 85° E. and S. 85° W.
1.676	Point of Tangency and point for a witness point, falls near the base of a power pole with electric lines extending into the ground.
	Set a magnetic nail, 6 ins. long, mkd. MAG, flush with the ground

METES-AND-BOUNDS SURVEY OF A PORTION OF THE EASTERLY RIGHT-OF-WAY LINE OF NEVADA STATE ROUTE NO. 225, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

	,
CHAINS	from which
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, over a plasticencased magnet, and in a mound of stone, 3 ft. base, to top, for a reference monument, bears N. 45°05′ E., 60.6 lks. dist., with brass cap mkd. RM WP 40.0 FT TO COR 2018 and an arrow pointing to the cor.
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, over a plasticencased magnet, and in a mound of stone, 3 ft. base, to top, for a reference monument, bears S. 44°52′ E., 68.2 lks. dist., with brass cap mkd. RM WP 45.0 FT TO COR 2018 and an arrow pointing to the cor.
	From this point, a power pole with electric meter bears S. 89° W., 3 lks. dist.
	From this same point, a 6 $\times$ 6 ins. wood post with power box attached, bears N. 44° W., 5 lks. dist.
	From this same point, the base of a standard U.S. Dept. of Agriculture Bureau of Public Roads highway station, utilized to determine the centerline of the right-of-way, monumented with the base of an iron post, 2 1/2 ins. diam., broken off 18 ins. below the ground, set in concrete, bears S. 50°02'00" E., 3.719 chs. dist.
·	From this same point, the base of a standard U.S. Dept. of Agriculture Bureau of Public Roads highway station, utilized to determine the centerline of the right-of-way, monumented with an iron post, 2 1/2 ins. diam., 2 ins. below the ground, bent, with brass cap mkd. ELEVATION 4115+02.86 5675.25 FEET 1939, bears S. 39°56'10" E., 1.626 chs. dist.
	Thence N. 2°54'30" W., continuing on the easterly right-of-way line of Nevada State Route No. 225.
0.35	Dirt road, 40 lks. wide, bears ESE. and WNW.
3.70	Barbed wire fence, N. $80^{\circ}$ E., 0.43 chs. dist. of fence corner with fences extending N. $80^{\circ}$ E. and N. $10^{\circ}$ W.
3.726	Cor. No. 4 of H.E.S. No. 68, hereinafter described.
	From this cor., a standard U.S. Dept. of Agriculture Bureau of Public Roads highway station utilized, to determine the centerline of the right-of-way, monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above ground, with brass cap mkd. ELEVATION 4128+29.01 FEET 1939, bears N. 17°48'20" W., 16.593 chs. dist.
	From this same cor., a standard U.S. Dept. of Agriculture Bureau of Public Roads highway station, utilized to determine the centerline of the right-of-way, monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above ground, with brass cap mkd. ELEVATION 4128+29.01 5707.10 FEET 1939, bears N. 15°43′50″ W., 16.507 chs. dist.

METES-AND-BOUNDS SURVEY OF A PORTION OF THE EASTERLY RIGHT-OF-WAY LINE OF NEVADA STATE ROUTE NO. 225, T. 45 N., R. 53 E., MOUNT DIABLO MERIDIAN, NEVADA

From this same cor., a standard U.S. Dept. of Agriculture Bureau of Public Roads highway right-of-way monument, a concrete post, 6 ins. square, 18 ins. below the ground, no markings, bears N. 9°56′00″ W., 16.386 chs. dist.

#### GENERAL DESCRIPTION

The lands included in this survey are located in Elko County, Nevada, roughly 70 miles north of the community of Elko, Nevada. The land is generally rolling to mountainous with elevations ranging from 5600 to 6300 ft. above sea level. The vegetation consists of sagebrush, bitterbrush, and grasses on upland slopes, and willows and some hay fields along the Owyhee River. Soils vary from clay loam and rocky in the higher elevations to loam in the bottom lands. Access is provided by several trail roads feeding into Nevada State Route No. 225 which runs through the area.

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD ASSISTANTS

Ethan B. Baker

Survey Technician (U.S.F.S.)

Michael G. Riley

Land Surveyor (U.S.F.S.)

Eric S. Greenwood

GIS Specialist (U.S.F.S.)

#### CERTIFICATE OF SURVEY

We, Steven W. Bell, Land Surveyor (U.S.F.S.) and Kane M. Hellebust, Supervisory Land Surveyor (U.S.F.S.), HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of March, 2018, and amended supplemental special instructions bearing date of the 24th day of October, 2019, we have dependently resurveyed a portion of the east boundary, a portion of the subdivisional lines and a portion of Homestead Entry Survey No. 68, and subdivided sections 13 and 24, and executed a metes-and-bounds survey of a portion of the easterly right-of-way line of Nevada State Route No. 225, Township 45 North, Range 53 East, Mount Diablo Meridian, Nevada, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

SEP 0 8 2020

(Date)

SEP 1 0 2020

(Date)

(Land Surveyor)

/For Kane M. Helllebus

(Supervisory Land Surveyor)

#### CERTIFICATE OF APPROVAL

### BUREAU OF LAND MANAGEMENT Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines and a portion of Homestead Entry Survey No. 68, and the subdivision of sections 13 and 24, and a metesand-bounds survey of a portion of the easterly right-of-way line of Nevada State Route No. 225, Township 45 North, Range 53 East, Mount Diablo Meridian, Nevada, executed by Steven W. Bell, Land Surveyor (U.S.F.S.) and Kane M. Hellebust, Supervisory Land Surveyor (U.S.F.S.), having been critically examined and found correct, are hereby approved.

SEP 1 0 2020

(Date)

(Chief Cadastral Surveyor for Nevada)

#### CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in Township 45 North, Range 53 East, Mount Diablo Meridian, Nevada, is a true copy of the griainal field notes.

(Date)

(Chief Cadastral Surveyor for Nevada)