UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES

OF

TOWNSHIP 26 NORTH, RANGE 48 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

### EXECUTED BY

Lance A. Barney, Cadastral Surveyor

Under Special Instructions dated May 25, 2010,

and approved May 25, 2010,

and Supplemental Special Instructions dated June 10, 2010,

and approved June 10, 2010,

which provided for the surveys included under Group No. 895,

and Assignment Instructions dated May 25, 2010.

Survey commenced May 26, 2010 Survey completed July 20, 2011

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TOWNSHIP 26 NORTH, RANGE 48 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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### TOWNSHIP 26 NORTH, RANGE 48 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the survey of a portion of the subdivisional lines of Township 26 North, Range 48 East, Mount Diablo Meridian, Nevada.

The north, south (Fifth Standard Parallel North), east and west boundaries and a portion of the subdivisional lines were surveyed by U.S. Deputy Surveyors A.J. Hatch and J.H. Eaton in 1869 under Contract No. 30. A portion of the south boundary (Fifth Standard Parallel North) and the west boundary were dependently resurveyed and a portion of the south boundary (Fifth Standard Parallel North) and a portion of the east boundary were independently resurveyed by U.S. Surveyor C.S. Swanholm in 1922 under Group No. 92. A portion of the east boundary was dependently resurveyed, a portion of the north boundary was independently resurveyed, and a portion of the subdivisional lines was surveyed by Cadastral Surveyor L.H. Godwin in 1957 under Group No. 316. Mineral Survey No. 5003 A and B was surveyed by H.W. Smith in 1984, portions of which were cancelled in 2013. Mineral surveys remote to this area are not included.

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

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with identified corner locations. 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 Manual of Surveying Instructions (2009), the Special Instructions dated May 25, 2010, and the Supplemental Special Instruction dated June 10, 2010, for Group No. 895, Nevada

Measurements were made with Trimble R-8 Global Positioning System (GPS) receivers using the real-time kinematic 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.

The geographic positions, in NAD 1983 (CORS96) (2002) for the following corners were determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS) TUNG TUNGSTEN CORS ARP, AST2 AUSTIN 2 CORS ARP and LKN1 ELKO CORS ARP and carried forward by RTK observation.

The cor. of secs. 11, 12, 13 and 14, is as follows:

Latitude: 40°07'48.801" N. Longitude: 116°31'27.526" W.

The southwest cor. of sec. 3, is as follows:

Latitude: 40°08'39.670" N. Longitude: 116°33'42.638" W.

The 1986 mean magnetic declination is 16° E., as shown on U.S.G.S. 7 1/2 minute quadrangle map "CORTEZ, NEVADA.", provisional edition, dated 1986.

CHAINS	Reestablishment of a Portion of the Survey Executed by A.J. Hatch and J.H. Eaton in 1869
	Beginning at the point for the cor. of secs. 2, 3, 10 and 11, determined at record 80.00 chs. in departure from the cor. of secs. 3, 4, 9 and 10 and record 80.50 chs. in latitude from the cor. of secs. 2 and 3, on the N. bdy. of the Tp., both hereinafter described; there is no remaining evidence of the original corner. This cor. will now refer to the southeast cor. of sec. 3.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T26N
	R48E
	S 3
	s <sub>11</sub>
	2010
	From this point, a position reestablished by Richard W. Forman, Nevada Professional Land Surveyor No. 2898, bears N. 5°16'40" E., 0.889 chs. dist., monumented with a steel fence post, firmly set, projecting 48 ins. above a mound of stone, 2 ft. base, 1 ft. high, with tag mkd. RLS 2898, as recorded in Eureka County, Nevada, Record of Survey, File No. 62552. This position was reestablished using improper control and is not utilized in the course of this survey.
	N. 1°51'30" E., on the E. bdy. of sec. 3.
	Over nearly level land.
4.40	Horse Creek, 3 lks. wide, course S. 70° E.
5.633	Point for the closing cor. of secs. 2 and 11, hereinafter described.
6.00	Horse Creek Canyon Road, 15 lks. wide, bears N. 30° W. and S. 30° E.
12.30	Spur, slopes S. 40° E.
28.70	Drain, 3 lks. wide, course S. 15° E.
40.021	Point for the 1/4 sec. cor. of secs. 2 and 3, at proportionate distance; there is no remaining evidence of the original corner, with a steel fence post lying loose on the ground approximately 30 ft. N., original position indeterminate, with attached tag mkd. RLS 2898. This cor. will now refer to the 1/4 sec. cor. of sec. 3 only.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

	1. 26 N., R. 48 E., MOUNI DIABLO MERIDIAN, NEVADA
CHAINS	T26N R48E 1/4 S 3
	2010
	Reset steel fence post alongside the stainless steel post.
45.654	Point for the 1/4 sec. cor. of sec. 2 only, hereinafter described.
70.00	Spur, slopes S. 65° W.
80.542	The cor. of secs. 2 and 3, on the N. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of a portion of the N. bdy., T. 26 N., R. 48 E., executed under Group No. 316, with a wooden post, 4x4 ins., projecting 3 ft. above ground, alongside.
	From the southeast cor. of sec. 3.
	N. 87°22'10" W., on the S. bdy. of sec. 3.
	Ascending through scattered sage brush.
1.251	Point for the closing cor. of secs. 10 and 11, hereinafter described.
20.021	Point for the E 1/16 sec. cor. of secs. 3 and 10. This cor. will now function as the E 1/16 sec. cor. of sec. 3 only.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 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.
	E 1/16 S 3
	0010
	2010
	Cor. is located on spur, slopes N. 35° E.
	From this point, a position determined by Richard W. Forman, Nevada Registered Land Surveyor No. 2898, bears N. 3°08'40" E., 0.657 chs. dist., monumented with a steel fence post, firmly set, projecting 48 ins. above ground, with tag mkd. RLS 2898, as recorded in Eureka County, Nevada, Record of Survey, File No. 62552. This position was determined using improper control and is not utilized in the course of this survey.
33.68	Spur, slopes N. 40° E.
40.042	Point for the 1/4 sec. cor. of secs. 3 and 10, at proportionate distance; there is no remaining evidence of the original corner. This cor. will now refer to the 1/4 sec. cor. of sec. 3 only.
·	

	1. 20 N., R. 40 E., MOUNI DIADLO MERIDIAN, NEVADA
CHAINS	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T26N R48E
	1/4 S 3
	<u>·</u>
	2010
	From this point, a position reestablished by Richard W. Forman, Nevada Registered Land Surveyor No. 2898, bears N. 5°18'40" E., 0.444 chs. dist., monumented with a steel fence post, firmly set, projecting 48 ins. above ground, with tag mkd. RLS 2898, as recorded in Eureka County, Nevada, Record of Survey, File No. 62552. This position was reestablished using improper control and is not utilized in the course of this survey.
40.10	Drain, 3 lks. wide, course N. 40° E.
80.084	The cor. of secs. 3, 4, 9 and 10, perpetuated by Richard W. Forman, Nevada Registered Land Surveyor No. 2898, monumented with a steel fence post, firmly set, projecting 3 1/2 ft. above an embedded mound of stone, 2 1/2 ft. base, 1 ft. high, with tag mkd. RLS 2898, as recorded in Eureka County, Nevada, Record of Survey, File No. 62552. This is accepted as a careful and faithful perpetuation of the position of the original corner. This cor. will now refer to the cor. of secs. 3 and 4 only.
	At the corner point
·	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T26N R48E
	<u>S 4   S 3</u>
	S10
	2010
	Reset steel fence post alongside stainless steel post.
	N. 2°45'10" E., bet. secs. 3 and 4.
	Ascend over mountainous terrain, through moderate pinon pine and juniper.
18.90	Haul road, 75 lks. wide, bears S. 70° E. and N. 70° W.
32.10	Spur, slopes S. 45° E.
39.074	Point for the 1/4 sec. cor. of secs. 3 and 4, at proportionate distance; there is no remaining evidence of the original corner, with a steel fence post lying loose on the ground approximately 30 ft. N., original position indeterminate, with attached tag mkd. RLS 2898.

CHAINS	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T26N R48E
	1/4
	S 4   S 3
	'
	2010
	Reset steel fence post alongside stainless steel post.
45.10	Haul road, 75 lks. wide, bears S. 55° E. and N. 55° W.
49.30	Draw, 10 lks. wide, course S. 75° E.
52.80	Haul road, 75 lks. wide, bears N. 60° E. and S. 60° W.
76.995	Intersect line 3-4 of Mineral Survey No. 5003 A, NEE 25 lode, at a point from which Cor. No. 4, NEE 25 lode, identical with Cor. No. 4, cancelled NEE 10 lode, both of Mineral Survey No. 5003 A, bears N. 85°57'00" E., 5.709 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of Mineral Survey No. 5003 A, T. 27 N., R. 48 E., executed concurrently under this same group.
	From this same point, Cor. No. 3, Mineral Survey No. 5003 A, NEE 25 lode, bears S. 85°57'00" W., 17.017 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap, 2 ins. diam., mkd. N25 3 USMS 5003A.
78.715	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set in a mound of stone, 3 ft. base, with brass cap mkd. as described in the field notes of the dependent resurvey of portions of the N. bdy. of T. 26 N., R. 48 E., executed concurrently under T. 27 N., R. 48 E., of this same group.
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 26 N., R. 48 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the cor. of secs. 11, 12, 13 and 14, monumented with an iron post, 2 1/2 ins. diam., firmly set in a mound of stone, 5 ft. base, 2 1/2 ft. high, with brass cap mkd. as described in the field notes of the survey of a portion of the subdivision, T. 26 N., R. 48 E., executed under Group No. 316, from which the 1957 bearing trees
	A juniper, 5 ins. diam., dead and standing, bears N. 10° W., 62 lks. dist., blaze visible, fire has destroyed mks.
	A juniper, 5 ins. diam., dead and standing, bears N. 57° E., 30 lks. dist., blaze visible, fire has destroyed mks.

CHAINS	A pinon, 8 ins. diam., dead and standing, bears S. 35° E., 100 lks. dist., blaze visible, fire has destroyed mks.
	The base of a pinon, dead and down, bears S. 32° W., 26 lks. dist., blaze visible, fire has destroyed mks., original position indeterminate.
	N. 89°50'40" W., bet. secs. 11 and 14.
	Over rolling to mountainous terrain, through scattered sage and burned timber.
1.40	Draw, 5 lks. wide, drains S.
1.90	Fence, bears N. 25° E. and S. 25° W.
8.00	Spur, slopes S. 15° E.
18.60	Horse Creek, 3 lks. wide, course S.
22.30	Horse Creek Canyon Road, 15 lks. wide, bears N. and S. 10° E.
40.141	Point for the 1/4 sec. cor. of secs. 11 and 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T26N R48E
	S11 1/4 ——
	S14
:	2010
80.282	Point for the cor. of secs. 10, 11, 14 and 15, established N. 0°00'40" W., 320.000 chs. dist. from the standard cor. of secs. 34 and 35, on the S. bdy. of the Tp.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T26N R48E
	S10 S11
	S15   S14
	2010
	From this point, the standard cor. of secs. 34 and 35, on the S. bdy. of the Tp., bears S. 0°00'40" E., 320.000 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the Fifth St. Par. N., thru R. 48 E., executed under Group No. 92, from which the 1922 bearing trees

A juniper, 10 ins. diam., bears N. 38 1/4° E., 83 lks. dist., mkd. T26N R48E S35 SC BT on a partially healed blaze.  A juniper, 10 ins. diam., bears N. 1°40' W., 172 lks. dist., with healed blaze.  . 0°00'40" W., bet. secs. 10 and 11.  ver mountainous terrain, through scattered sage and burned imber.  rail road, 10 lks. wide, bears E. and W.  raw, 3 lks. wide, drains E.  pur, slopes S. 15° E.  idge, bears S. 70° E. and N. 70° W.  coint for the 1/4 sec. cor. of secs. 10 and 11.  et a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.  T26N R48E
dist., with healed blaze.  . 0°00'40" W., bet. secs. 10 and 11.  ver mountainous terrain, through scattered sage and burned imber.  rail road, 10 lks. wide, bears E. and W.  raw, 3 lks. wide, drains E.  pur, slopes S. 15° E.  idge, bears S. 70° E. and N. 70° W.  oint for the 1/4 sec. cor. of secs. 10 and 11.  et a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,  4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
ver mountainous terrain, through scattered sage and burned imber.  rail road, 10 lks. wide, bears E. and W.  raw, 3 lks. wide, drains E.  pur, slopes S. 15° E.  idge, bears S. 70° E. and N. 70° W.  oint for the 1/4 sec. cor. of secs. 10 and 11.  et a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,  4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
imber.  rail road, 10 lks. wide, bears E. and W.  raw, 3 lks. wide, drains E.  pur, slopes S. 15° E.  idge, bears S. 70° E. and N. 70° W.  oint for the 1/4 sec. cor. of secs. 10 and 11.  et a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,  4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
raw, 3 lks. wide, drains E.  pur, slopes S. 15° E.  idge, bears S. 70° E. and N. 70° W.  oint for the 1/4 sec. cor. of secs. 10 and 11.  et a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,  4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
pur, slopes S. 15° E. idge, bears S. 70° E. and N. 70° W. oint for the 1/4 sec. cor. of secs. 10 and 11. et a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
idge, bears S. 70° E. and N. 70° W.  oint for the 1/4 sec. cor. of secs. 10 and 11.  et a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,  4 ins. in the ground, over a plastic-encased magnet, with brass  ap mkd.
oint for the 1/4 sec. cor. of secs. 10 and 11. et a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
et a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
T26N R48E
1/4 S10 S11
2010
raw, 20 lks. wide, drains E.
pur, slopes S. 15° E.
ntersect the S. bdy. of sec. 3.
oint for the closing cor. of secs. 10 and 11.
et a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, with brass ap mkd.
<u>s</u> 3
S10 S11 T26N R48E
CC
2010
rom this point, the southeast cor. of sec. 3, bears . 87°22'10" E., 1.251 chs. dist., hereinbefore described.
r = 4

CHAINS	From the cor. of secs. 1, 2, 11 and 12, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the field notes of the survey of a portion of the subdivision, T. 26 N., R. 48 E., executed under Group No. 316.
	WEST, bet. secs. 2 and 11.
	Over mountainous terrain, through scattered sage.
8.60	Ridge, bears N. 10° E. and S. 10° W.
40.000	Point for the 1/4 sec. cor. of secs. 2 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T26N R48E S 2 1/4 — S11
	2010
41.40	Spur, slopes S.
45.50	Draw, drains S.
56.20	Spur, slopes S. 20° E.
74.30	Creek, dry, 3 lks. wide, drains S. 30° E.
78.70	Horse Creek Canyon Road, 15 lks. wide, bears S. 30° E. and N. 45° W.
78.850	Intersect the E. bdy. of sec. 3.
	Point for the closing cor. of secs. 2 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	S 3 T26N S 2 CC S11 R48E
	2010
	Cor. is located on W. edge of Horse Creek Road.
	From this point, the southeast cor. of sec. 3, bears S. 1°51'30" W., 5.633 chs. dist., hereinbefore described.

The point for the 1/4 sec. cor. of sec. 2 only, is at 40.000 chs. in latitude from the cor. of secs. 2 and 11, and on the W. bdy. of sec. 2.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

T26N R48E 1/4 S 2

2010

From this point, the 1/4 sec. cor. of sec. 3 only, bears S. 1°51'30" W., 5.633 chs. dist., hereinbefore described.

### GENERAL DESCRIPTION

The area of the project is mountainous land, with very limited access. Elevation ranges from 9150 ft. on Mt. Tenabo, to 6000 ft. in Horse Canyon. Horse Creek is a perennial stream draining to the southeast with several springs at higher elevation contributing to is flow.

Extensive prospecting and mining have been done in the area. Cattle grazing is also evident.

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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD ASSISTANTS

Anthony A. Beliew

Surveying Technician

Matthew N. Black

Surveying Technician

Daniel R. Helmricks

Surveying Technician

### CERTIFICATE OF SURVEY

I, Lance A. Barney, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 25th day of May, 2010, and the Supplemental Special Instructions bearing date of the 10th day of June, 2010, I have dependently resurveyed a portion of the subdivisional lines and surveyed a portion of the subdivisional lines of Township 26 North, Range 48 East, of the Mount Diablo Meridian, in the State of Nevada, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, supplemental special instructions, and 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.

NOV 0 5 2013

(Date)

For Lance A. Barney

(Cadastral Surveyor)

### CERTIFICATE OF APPROVAL

### BUREAU OF LAND MANAGEMENT Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the survey of a portion of the subdivisional lines of Township 26 North, Range 48 East, Mount Diablo Meridian, Nevada, executed by Lance A. Barney, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

NOV 0 5 2013

(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 26 North, Range 48 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor for Nevada)