

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF
A PORTION OF THE WEST BOUNDARY OF
TOWNSHIP 12 NORTH, RANGE 56 EAST (RUBY VALLEY GUIDE MERIDIAN)
AND A PORTION OF TRACT 37,
AND
THE SURVEY OF
THE NORTH BOUNDARY
AND A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 12 NORTH, RANGE 55 1/2 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

Brandon G. Courtright, Cadastral Surveyor

Under Special Instructions dated, July 25, 2017

and approved, July 25, 2017

and Amended Special Instructions dated, October 3, 2019

and approved, October 3, 2019

which provided for the surveys included under Group No. 974,

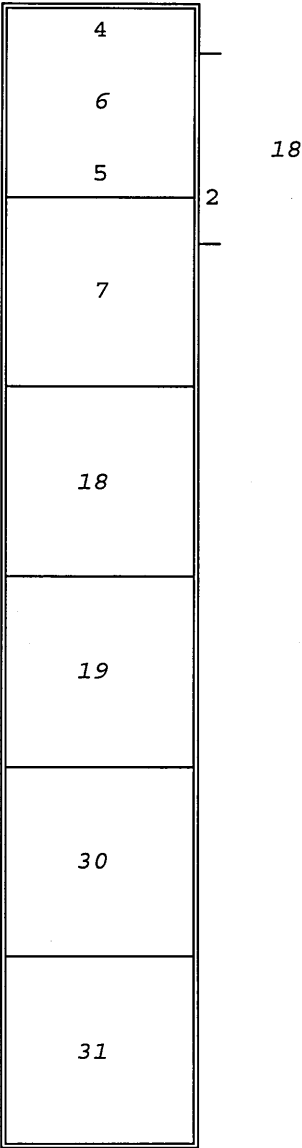
and Assignment Instructions dated, July 25, 2017.

Survey commenced July 27, 2017

Survey completed October 4, 2019

INDEX DIAGRAM

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TOWNSHIP 12 NORTH, RANGE 55 1/2 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The following field notes are those providing for the dependent resurvey of a portion of the west boundary of Township 12 North, Range 56 East (Ruby Valley Guide Meridian) and a portion of tract 37, and the survey of the north boundary and a portion of the subdivisional lines, Township 12 North, Range 55 1/2 East, Mount Diablo Meridian, Nevada.</p> <p>The Ruby Valley Guide Meridian from the 3rd Standard Parallel North to the 2nd Standard Parallel North was surveyed by U.S. Deputy Surveyor E.B. Monroe in 1869 under Contract No. 25. The subdivisional lines of Township 12 North, Range 56 East were surveyed by U.S. Deputy Surveyor E.B. Monroe in 1870 under Contract No. 39. Nevada Protraction Diagram No. 123, Unit No. 61, for Tps. 11, 12, 13 and 13 1/2 N., Rs. 55 and 55 1/2 E. was approved February 1, 1963. A portion of the Ruby Valley Guide Meridian was dependently resurveyed by Cadastral Surveyor T.O. Nickerson in 1976 under Group No. 542. Tract 37 was surveyed by Cadastral Surveyor R.A. Pratt in 1978 under Group No. 567.</p> <p>The survey of a portion of the east boundary T. 12 N., R. 55 E., was executed concurrently under this same Group.</p> <p>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.</p> <p>In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 2009</u>, and the <u>Special Instructions for Group No. 974</u>, dated July 25, 2017, and the <u>Amended Special Instructions</u> dated October 3, 2019.</p> <p>Measurements were made with Trimble R8 and R10 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 are entered into the field notes.</p> <p>The NAD 1983 (2011) (Epoch:2010.0000) geographic position, of 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), DP2878 TONO TONO_BRGN_NV1999 CORS ARP, DL6904 NVSV SPRING VALLEY CORS ARP, and AI8817 ECHO ECHO_BRGN_NV1999 CORS ARP, and carried forward by RTK observations is as follows:</p> <p>The corner of sections 18 and 19, T. 12 N., R. 56 E., on the west boundary of T. 12 N., R. 56 E. (Ruby Valley Guide Meridian), is as follows:</p> <p style="text-align: center;">Latitude: 38°53'41.614" N. Longitude: 115°43'35.047" W.</p> <p>The corner of Tps. 12 and 13 N., Rs. 55 and 55 1/2 E., is as follows:</p> <p style="text-align: center;">Latitude: 38°54'43.818" N. Longitude: 115°44'40.955" W.</p>
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TOWNSHIP 12 NORTH, RANGE 55 1/2 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The July 24, 2017 mean magnetic declination was determined to be 12°22'E., as obtained from the National Oceanic and Atmospheric Administration's National Centers for Environmental Information declination calculator.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF
T. 12 N., R. 56 E., (RUBY VALLEY GUIDE MERIDIAN)
MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by U.S.
Deputy Surveyor E.B. Monroe in 1869,
and a Portion of the Dependent Resurvey Executed by
Cadastral Surveyor T.O. Nickerson in 1976

Beginning at the cor. of secs. 18 and 19, T. 12 N., R. 56 E.,
monumented with an iron post, 2 1/2 ins. diam., firmly set,
projecting 5 ins. above the ground, with brass cap mkd.

T12N	
R55E	R56E
S13	S18
S24	S19

1976

Remark the brass cap to read as follows:

T12N
R56E
S18
S19

2018
1976

N. 0°11'00" E., on the W. bdy. of sec. 18.

15.380 The closing cor. of secs. 6 and 7, T. 12 N., R. 55 1/2 E.,
hereinafter described.

40.05 Dirt road, 30 lks. wide, bears S. 60° E. and N. 20° W.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY OF
T. 12 N., R. 56 E., (RUBY VALLEY GUIDE MERIDIAN)
MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS 40.406</p>	<p>The 1/4 sec. cor. of sec. 18, T. 12 N., R. 56 E., identical with Angle Point No. 6, Tract 37, monumented with an iron post, 2 1/2 ins. diam., firmly set, 4 ins. below the ground, with brass cap mkd. as described in the field notes of the survey of Tract 37 of T. 12 N. R. 55 1/2 E., executed under Group No. 567.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF TRACT 37, T. 12 N., R. 55 1/2 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Survey Executed by Cadastral Surveyor R.A. Pratt in 1978</p> <hr/> <p>From Angle Point No. 1, Tract 37, identical with the S 1/16 sec. cor. of sec. 7, T. 12 N., R. 56 E., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. as described in the field notes of the survey of Tract 37, T. 12 N., R. 55 1/2 E., executed under Group No. 567.</p> <p>N. 89°58'20" W., on line 1-2, Tract 37.</p> <p>3.90 Barbed wire fence, bears N. and S.</p> <p>4.997 Angle Point No. 2, Tract 37, 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 survey of Tract 37 of T. 12 N., R. 55 1/2 E., executed under Group No. 567.</p> <hr/> <p>S. 0°01'50" E., on line 2-3, Tract 37.</p> <p>5.690 The closing cor. of Tps. 12 and 13 N., R. 55 1/2 E., hereinafter described.</p> <p>40.007 Angle Point No. 3, Tract 37, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. as described in the field notes of the survey of Tract 37 of T. 12 N., R. 55 1/2 E., executed under Group No. 567, with an embedded mound of stone, 2 ft. diam., N. of cor.</p> <hr/> <p>N. 89°58'50" E., on line 3-4, Tract 37.</p>
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DEPENDENT RESURVEY OF A PORTION OF TRACT 37,
T. 12 N., R. 55 1/2 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
2.459	Angle Point No. 4, Tract 37, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. as described in the field notes of the survey of Tract 37 of T. 12 N., R. 55 1/2 E., executed under Group No. 567, with an embedded mound of stone, 2 ft. diam., E. of cor.
	<hr/> <p>S. 0°01'30" E., on line 4-5, Tract 37.</p>
5.685	The 1/4 sec. cor. of sec. 6, T. 12 N., R. 55 1/2 E., hereinafter described.
6.70	Dirt road, 15 lks. wide, bears S. 55° E. and N. 55° W.
11.70	Dirt road, 30 lks. wide, bears S. 20° E. and N. 20° W.
20.661	Angle Point No. 5, Tract 37, 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 Tract 37 of T. 12 N., R. 55 1/2 E., executed under Group No. 567, with a mound of stone, 2 ft. diam., 1 ft. high, E. of cor.
	<hr/> <p>N. 89°57'00" E., on line 5-6, Tract 37.</p>
2.35	Dirt road, 30 lks. wide, bears S. 60° E. and N. 20° W.
2.673	Angle Point No. 6, Tract 37, identical with the 1/4 sec. cor. of sec. 18, T. 12 N., R. 56 E., hereinbefore described.
	<hr/> <p style="text-align: center;">SURVEY OF THE NORTH BOUNDARY, T. 12 N., R. 55 1/2 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>
	<p>From the cor. of Tps. 12 and 13 N., Rs. 55 and 55 1/2 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd. as described in the field notes of the survey of a portion of the E. bdy. of T. 12 N., R. 55 E., executed concurrently under this same Group.</p> <p>EAST, bet. secs. 6 and 31.</p>
40.000	<p>Point for the 1/4 sec. cor. of secs. 6 and 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p>

SURVEY OF THE NORTH BOUNDARY,
T. 12 N., R. 55 1/2 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p style="text-align: center;">T13N R55½E S31 1/4 — S 6 T12N / 2017</p>
44.55	Dirt road, 15 lks. wide, bears N. 60° E. and S. 60° W.
51.55	Dirt road, 25 lks. wide, bears N. and S. 15° E.
73.927	<p>Intersect the line 2-3, Tract 37.</p> <p>Point for the closing cor. of Tps. 12 and 13 N., R. 55 1/2 E.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T13N R55½E S31 CC — TR37 S 6 T12N R55½E 2017</p> <p>From this point, Angle Point No. 2, Tract 37, hereinbefore described, bears N. 0°01'50" W., 5.690 chs. dist.</p> <hr/> <p style="text-align: center;">SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 12 N., R. 55 1/2 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>From the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush in the ground, with brass cap mkd. as described in the survey of a portion of the E. bdy. of T. 12 N., R. 55 E., executed concurrently under this same Group.</p> <p>EAST, bet. secs. 6 and 7.</p>
40.000	<p>Point for the 1/4 sec. cor. of secs. 6 and 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush in the ground, over a plastic-encased magnet, with brass cap mkd.</p>

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 12 N., R. 55 1/2 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<div data-bbox="868 275 1031 389" style="text-align: center;"> T12N R55½E S 6 1/4 ——— S 7 </div> <div data-bbox="917 424 982 451" style="text-align: center;">2017</div> <div data-bbox="284 482 1421 538" style="text-align: center;"> 79.022 Intersect the W. bdy. of T. 12 N., R. 56 E. (Ruby Valley Guide Meridian). </div> <div data-bbox="427 569 1128 596" style="text-align: center;"> Point for the closing cor. of secs. 6 and 7. </div> <div data-bbox="427 627 1421 721" style="text-align: center;"> Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush in the ground, over a plastic-encased magnet, with brass cap mkd. </div> <div data-bbox="803 752 1063 866" style="text-align: center;"> <table border="0"> <tr> <td>T12N R55½E</td> <td>T12N</td> </tr> <tr> <td>S 6</td> <td>R56E</td> </tr> <tr> <td>CC ———</td> <td>S18</td> </tr> <tr> <td>S 7</td> <td></td> </tr> </table> </div> <div data-bbox="917 897 982 924" style="text-align: center;">2017</div> <div data-bbox="427 955 1307 1042" style="text-align: center;"> From this point, the cor. of secs. 18 and 19, T. 12 N., R. 56 E., hereinbefore described, bears S. 0°11'00" W., 15.380 chs. dist. </div> <hr/> <div data-bbox="427 1104 1421 1191" style="text-align: center;"> The point for the 1/4 sec. cor. of sec 6, on line 4-5, Tract 37, at 40.000 chs. in latitude NORTH of the closing cor. of secs. 6 and 7. </div> <div data-bbox="427 1222 1421 1315" style="text-align: center;"> Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush in the ground, over a plastic-encased magnet, with brass cap mkd. </div> <div data-bbox="868 1346 1031 1460" style="text-align: center;"> <table border="0"> <tr> <td>T12N R55½E</td> <td></td> </tr> <tr> <td>1/4 ———</td> <td>TR37</td> </tr> <tr> <td>S 6</td> <td></td> </tr> </table> </div> <div data-bbox="917 1491 982 1518" style="text-align: center;">2017</div> <div data-bbox="427 1549 1356 1612" style="text-align: center;"> From this point, Angle Point No. 4, Tract 37, hereinbefore described, bears N. 0°01'30" W., 5.685 chs. dist. </div> <hr/>	T12N R55½E	T12N	S 6	R56E	CC ———	S18	S 7		T12N R55½E		1/4 ———	TR37	S 6	
T12N R55½E	T12N														
S 6	R56E														
CC ———	S18														
S 7															
T12N R55½E															
1/4 ———	TR37														
S 6															

TOWNSHIP 12 NORTH, RANGE 55 1/2 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	GENERAL DESCRIPTION
	<p>The lands included in the survey are located in Nye County, Nevada, on the westerly edge of the community of Duckwater, Nevada. Access is gained by way of Nevada State Highway No. 379 and various dirt roads. The average elevation of the area is 5950 feet.</p> <p>The area consists of a gentle east facing slope to the bottom of Duckwater Valley. Vegetation includes juniper, sage brush, various grasses and sparse cacti of varying species.</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Matthew E. Campos	Sup. Cadastral Surveyor
Brandon K. Grace	Cadastral Surveyor
Justin V. Haddon	Cadastral Surveyor
Griffin B. Dekker	Student Trainee
Kenneth W. Tynan	Student Trainee

CERTIFICATE OF SURVEY

I, Brandon G. Courtright, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25th day of July 2017, and amended special instructions bearing date of the 3rd day of October, 2019, I have dependently resurveyed a portion of the west boundary of Township 12 North, Range 56 East (Ruby Valley Guide Meridian) and a portion of Tract 37, and surveyed the north boundary and a portion of the subdivisional lines of Township 12 North, Range 55 1/2 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, 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.

DEC 03 2019

(Date)

Michael O. Hummer
 /For Brandon G. Courtright
 (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
 Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the west boundary of Township 12 North, Range 56 East (Ruby Valley Guide Meridian) and a portion of Tract 37, and the survey of the north boundary and a portion of the subdivisional lines of Township 12 North, Range 55 1/2 East, Mount Diablo Meridian, Nevada, executed by Brandon G. Courtright, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 03 2019

(Date)

Michael O. Hummer
 (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 12 North, Range 55 1/2 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~(Date)~~~~(Chief Cadastral Surveyor for Nevada)~~