

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 13 NORTH, RANGE 56 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

Justin V. Haddon, 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 August 1, 2017

Survey completed October 4, 2019

INDEX DIAGRAM

TOWNSHIP 13 NORTH, RANGE 56 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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TOWNSHIP 13 NORTH, RANGE 56 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those providing for the dependent resurvey of a portion of the subdivisional lines, Township 13 North, Range 56 East, Mount Diablo Meridian, Nevada.

The west boundary (Ruby Valley Guide Meridian) was surveyed by U.S. Deputy Surveyor E.B. Monroe in 1869, under Contract No. 25. The east, south and north boundaries, and the subdivisional lines were surveyed by U.S. Deputy Surveyor E.B. Monroe in 1870, under Contract No. 39. The east boundary and a portion of the south boundary were dependently resurveyed by Cadastral Engineer E. Voigt and Junior Cadastral Engineers A.C. Alberga and W. McConkie in 1941, under Group No. 261. Nevada Protraction Diagram No. 125, Unit No. 61 & 62, for Townships 14 and 15 North, Ranges 55 and 56 East was approved February 1, 1963. Nevada Protraction Diagram No. 123, Unit No. 61, for Townships 11, 12, 13 and 13 1/2 North, Ranges 55 and 55 1/2 East was approved February 1, 1963. The north boundary was dependently resurveyed by Cadastral Surveyors E.W. Sibley and R.A. Pratt in 1968-1969, under Group No. 461. A portion of the west boundary (Ruby Valley Guide Meridian), a portion of the south boundary, and a portion of the subdivisional lines were dependently resurveyed, and sections 19, 29, 30, 31, and 32 were subdivided by Cadastral Surveyor T.O. Nickerson in 1976, under Group No. 542.

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, and the Special Instructions for Group No. 974, dated July 25, 2017, and the Amended Special Instructions dated October 3, 2019.

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 only are entered into the field notes. Certain topographic features were scaled using rectified aerial photography.

The NAD 1983 (2011) (Epoch:2010.0000) geographic position, of the following corners were determined by 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, AI8817 ECHO ECHO BRGN NV1999 CORS ARP, and carried forward by RTK observations is as follows:

The corner of sections 4, 5, 32 and 33, on the south boundary of the township, is as follows:

TOWNSHIP 13 NORTH, RANGE 56 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Latitude: 38°56'19.625" N. Longitude: 115°41'19.926" W.</p> <p>The corner of sections 4, 5, 32 and 33, on the north boundary of the township, is as follows:</p> <p>Latitude: 39°01'35.772" N. Longitude: 115°41'19.376" W.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 13 N., R. 56 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyor E.B. Monroe in 1870</p> <hr/> <p>Beginning at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above a mound of stone, 4 ft. diam., 2 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the S. bdy. of T. 13 N., R. 56 E., executed under Group No. 542, with a steel fence post firmly set alongside.</p> <p>N. 1°25'50" W., bet. secs. 32 and 33.</p> <p>38.90 Ravine, drains S. 75° W.</p> <p>40.048 The 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, flush in a mound of stone, 4 ft. diam., 2 ft. high, with brass cap mkd. as described in the field notes of the subdivision of sec. 32, T. 13 N., R. 56 E., executed under Group No. 542.</p> <hr/> <p>N. 0°51'10" W., beginning new measurement.</p> <p>39.635 The cor. of secs. 28, 29, 32 and 33, monumented with a limestone, 12x12x10 ins., loosely set in a mound of stone, 3 ft. diam., 1/2 ft. high, mkd. with 1 visible notch on E. edge, and 1 notch on S. edge.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13N R56E</p> <table border="1"> <tr> <td>S29</td> <td>S28</td> </tr> <tr> <td>S32</td> <td>S33</td> </tr> </table> <p>2017</p> </div>	S29	S28	S32	S33
S29	S28				
S32	S33				

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 N., R. 56 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Bury the mkd. stone alongside stainless steel post.
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	N. 1°40'40" W., between secs. 28 and 29.
19.00	Ravine, drains N. 55° W.
38.20	Summit of hill.
40.196	The 1/4 sec. cor. of secs. 28 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, flush in a mound of stone, 5 ft. diam., 2 ft. high, with brass cap mkd. as described in the field notes of the subdivision of sec. 29, T. 13 N., R. 56 E., executed under Group No. 542.
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	N. 1°45'00" W., beginning new measurement.
10.00	Spur, slopes N. 35° E.
40.082	The cor. of secs. 20, 21, 28 and 29, monumented with a limestone, 12x10x8 ins., loosely set in a scattered mound of stone, mkd. with 4 notches on E. edge, and 2 notches on S. edge.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	<div style="text-align: center;"> T13N R56E S20 S21 S29 S28 </div>
	2017
	Bury the mkd. stone alongside stainless steel post.
	<hr/>
	N. 1°29'00" W., between secs. 20 and 21.
13.80	Ridge, bears S. 70° W.
18.90	Ravine, drains N. 60° W.
25.90	Ridge, bears S. 75° W.
37.90	Foot of hill, bears N. 60° E. and S. 60° W.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 N., R. 56 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
39.765	<p>The 1/4 sec. cor. of secs. 20 and 21, monumented with a limestone, 18x9x6 ins. (Record: Basalt Rock, 16x10x8 ins.), lying loose, mkd. 1/4 on a face, with a scattered mound of stone, W. of cor.</p> <p>At the corner point</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> <div style="text-align: center;"> <p>T13N R56E 1/4 S20 S21 2017</p> </div> <p>Bury the mkd. stone alongside the stainless steel post and rebuild mound of stone, 2 ft. base, 1/2 ft. high, W. of cor.</p> <hr/> <p>N. 1°21'30" W., beginning new measurement.</p>
40.252	<p>The cor. of secs. 16, 17, 20 and 21, monumented with a limestone, 20x14x10 ins. (Record: Basalt Rock, 20x20x15 ins.), lying loose in a scattered mound of stone, mkd. with 4 notches on a face, and 3 notches on another face.</p> <p>At the corner point</p> <p>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 collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13N R56E S17 S16 S20 S21 2017</p> </div> <p>Bury the mkd. stone alongside stainless steel post.</p> <hr/> <p>N. 1°34'30" W., between secs. 16 and 17.</p>
39.716	<p>The 1/4 sec. cor. of secs. 16 and 17, monumented with a basalt stone, 9x6x5 ins. (Record: 10x10x8 ins.), lying loose on the ground, with illegible chisel marks on a face.</p> <p>At the corner point</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 N., R. 56 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<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> <p style="text-align: center;">T13N R56E 1/4 S17 S16 2017</p> <p>Bury the mkd. stone alongside stainless steel post.</p> <hr/> <p>N. 13°10'50" E., beginning new measurement.</p> <p>41.565 Point for the cor. of secs. 8, 9, 16 and 17, at proportionate distance, there is no remaining evidence of the original cor.</p> <p>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.</p> <p style="text-align: center;">T13N R56E S 8 S 9 S17 S16 2017</p> <p>From this point, a partially embedded mound of stone of unknown origins, 3 ft. diam., bears N. 77°11'50" E., 29.088 chs. dist., not utilized during the course of this survey.</p> <p>From this same point, the cor. of secs. 9, 10, 15 and 16, bears N. 88°46'20" E., 79.980 chs. dist., monumented with a basalt stone, 22x10x10 ins. (Record: 24x12x10 ins.), loosely set in an embedded mound of stone, 3 ft. diam., mkd. with 3 notches on E. edge, and 4 notches on S. edge.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R56E S 9 S10 S16 S15 2017</p> <p>Bury the mkd. stone alongside stainless steel post.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 N., R. 56 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The control line was fully retraced, and no evidence of the intervening cor. was found.</p> <p>From this same point, the 1/4 sec. cor. of secs. 8 and 17, bears N. 85°09'30" W., 40.356 chs. dist., monumented with a partially decayed cedar post, 1x1 ins., 21 ins. long, lying loose on the ground. The base of the cedar post is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>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.</p> <div style="text-align: center;"> <p>T13N R56E</p> <p>S 8</p> <p>1/4 —</p> <p>S17</p> <p>2017</p> </div> <p>Insert the cedar post inside the stainless steel post.</p> <hr/> <p>N. 16°16'00" W., between secs. 8 and 9.</p> <p>42.158 The 1/4 sec. cor. of secs. 8 and 9, monumented with a basalt stone, 8x5x4 ins. (Record: 10x8x8 ins.), lying loose on the ground, mkd. 1/4 on a face.</p> <p>At the corner point</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> <div style="text-align: center;"> <p>T13N R56E</p> <p>1/4</p> <p>S 8 S 9</p> <p>2017</p> </div> <p>Bury the mkd. stone alongside stainless steel post.</p> <hr/> <p>N. 1°08'20" W., beginning new measurement.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 N., R. 56 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS 40.438</p>	<p>The cor. of secs. 4, 5, 8 and 9, determined at the center of an embedded mound of stone, 3 ft. diam., found a basalt stone, 10x6x6 ins. (Record: 12x10x10 ins.), lying loose disturbed on the ground, 30 lks. N. of the embedded mound of stone, mkd. with 4 notches on an edge, and 5 notches on another edge. The embedded mound of stone is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</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> <div style="text-align: center;"> <p>T13N R56E</p> <table border="1"> <tr> <td>S 5</td><td>S 4</td></tr> <tr> <td>S 8</td><td>S 9</td></tr> </table> <p>2017</p> </div> <p>Bury the mkd. stone alongside the stainless steel post, and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p>	S 5	S 4	S 8	S 9
S 5	S 4				
S 8	S 9				
<p>42.322</p>	<p>N. 7°22'50" E., between secs. 4 and 5.</p> <p>Point for the 1/4 sec. cor. of secs. 4 and 5, at proportionate dist., there is no remaining evidence of the original cor.</p> <p>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.</p>				
<p>84.495</p>	<div style="text-align: center;"> <p>T13N R56E</p> <p>1/4</p> <table border="1"> <tr> <td>S 5</td><td>S 4</td></tr> </table> <p>2017</p> </div> <p>The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush in a mound of stone, 4 ft. diam., 2 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of the S. bdy. T. 14 N., R. 56 E., executed under Group No. 461.</p>	S 5	S 4		
S 5	S 4				

TOWNSHIP 13 NORTH, RANGE 56 EAST, MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p>	<p>GENERAL DESCRIPTION</p> <p>The lands contained within the scope of this survey are located in Nye County, Nevada, in and around the community of Duckwater, Nevada. The land is generally level ground, with areas of hilly terrain, at an average elevation of 5950 ft. above sea level. The vegetation is primarily sagebrush and grass. Access is gained primarily by way of Nevada State Route 379 and various dirt roads.</p> <hr/>
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Brandon G. Courtright

Cadastral Surveyor

CERTIFICATE OF SURVEY

I, Justin V. Haddon, 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 subdivisional lines, Township 13 North, Range 56 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)


(Cadastral Surveyor)

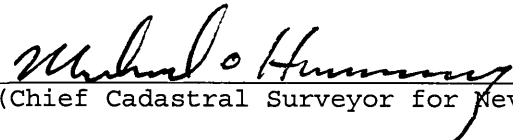
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, Township 13 North, Range 56 East, Mount Diablo Meridian, Nevada, executed by, Justin V. Haddon, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 03 2019

(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 13 North, Range 56 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

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