

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE EAST BOUNDARY  
AND A PORTION OF THE SUBDIVISIONAL LINES,  
AND A METES-AND-BOUNDS SURVEY IN SECTION 13,  
TOWNSHIP 15 NORTH, RANGE 64 EAST,  
OF THE MOUNT DIABLO MERIDIAN,  
IN THE STATE OF NEVADA

EXECUTED BY

Joseph J. Johnson, Cadastral Surveyor

Under Special Instructions dated July 18, 2013,  
and approved July 18, 2013,  
which provided for the surveys included under Group No. 927,  
and Assignment Instructions dated July 18, 2013.

Survey commenced July 21, 2013

Survey completed May 27, 2014

## INDEX DIAGRAM

TOWNSHIP 15 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13 2 3
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Metes-and-Bounds Survey in Section 13..... pp. 3 - 10.

## TOWNSHIP 15 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the east boundary and a portion of the subdivisional lines, and a metes-and-bounds survey in section 13, Township 15 North, Range 64 East, Mount Diablo Meridian, Nevada.

The Third Standard Parallel North through Ranges 63 and 64 East (north boundary) was surveyed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1871 under Contract No. 44. The south, east and west boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 under Contract No. 48. The south boundary was dependently resurveyed by Cadastral Surveyors H.G. Parker and J.R. Munson in 1964 under Group No. 420. The Third Standard Parallel North through a portion of Range 63 East (north boundary), was dependently resurveyed by Cadastral Surveyors H.G. Parker and R.A. Pratt in 1967 under Group No. 446. The Third Standard Parallel North through a portion of Range 64 East (north boundary), the east and west boundaries, and the subdivisional lines were dependently resurveyed by Cadastral Surveyors H.G. Parker, E.W. Sibley and R.A. Pratt in 1967-68 under Group No. 454. A portion of the west boundary was dependently resurveyed, section 18 was subdivided and a metes-and-bounds survey in section 18 was conducted by Cadastral Surveyor W.S. Hancock and Surveying Technician M.G. Petrosine in 2007 under Group No. 846. Portions of the south and west boundaries, a portion of the subdivisional lines and portions of the subdivision of section 18 were dependently resurveyed and metes-and-bounds surveys in sections 18, 19, 30, 31 and 34 were conducted by Cadastral Surveyor Brandon G. Courtright in 2014 under Group No. 928.

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.

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. 927, dated July 18, 2013.

Measurements were made with Trimble R-8 Global Positioning System (GPS) receivers using the real-time kinematic method. The direction of each line is with reference to the true meridian. All bearings are mean bearings and the distances are reported as horizontal measurement at a mean ground elevation of 7,500 feet above sea level.

The NAD83 (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): AI0950 EGAN EGAN\_BRGN\_NV1996 CORS ARP, AI8817 ECHO ECHO\_BRGN\_NV1999 CORS ARP, DL6904 NVSV SPRING VALLEY CORS ARP, DL7692 GOSH GOSH\_BRGN\_UT1996 CORS ARP, DM7135 NVPI PIOCHE

## TOWNSHIP 15 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>CORS ARP, and carried forward by RTK observations, is as follows:</p> <p>The 1/4 sec. of secs. 13 and 24, is as follows:</p> <p>Latitude: 39°09'29.681" N. Longitude: 114°44'04.798" W.</p> <p>The 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., is as follows:</p> <p>Latitude: 39°09'56.180" N. Longitude: 114°43'32.038" W.</p> <p>The May 27, 2014 mean magnetic declination was determined to be 12°26' E., as obtained from the National Oceanic and Atmospheric Administration's National Geophysical Data Center declination calculator.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY, T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 and a Portion of the Dependent Resurvey Executed by Cadastral Surveyors H.G. Parker, E.W. Sibley and R.A. Pratt in 1967-68</p> <hr/> <p>Beginning at the cor. of secs. 13, 18, 19 and 24, 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 dependent resurvey of the E. bdy., T. 15 N., R. 64 E., executed under Group No. 454, with a cedar post 4 ins. in diam. set alongside, from which the 1967-68 bearing trees</p> <p>A juniper, 14 ins. diam., bears N. 28 1/2° E., 89 lks. dist., mkd. T15N R65E S18 BT.</p> <p>A juniper, 10 ins. diam., bears S. 64° E., 47 lks. dist., mkd. T15N R65E S19 BT.</p> <p>A juniper, 16 ins. diam., bears S. 57 1/2° W., 109 lks. dist., mkd. T15N R64E S24 BT.</p> <p>A juniper, 14 ins. diam., bears N. 15 1/4° W., 65 lks. dist., mkd. T15N R64E S13 BT.</p> <p>N. 1°12'30" W., bet. secs. 13 and 18.</p> <p>35.441 Trail road, 15 lks. wide, bears NE. and S. 40°23'30" W.</p> <p>35.980 The witness point at the intersection of a line 25 ft. northwesterly of and parallel with the centerline of a trail road with the line bet. secs. 13 and 18, hereinafter described.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,  
T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
40.705	<p>The 1/4 sec. cor. of secs. 13 and 18, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy., T. 15 N., R. 64 E., executed under Group No. 454, with a steel fence post set alongside, and a mound of stone, 3 ft. base, 1 ft. high, W. of cor.</p>
	<hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>
	<p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 and a Portion of the Dependent Resurvey Executed by Cadastral Surveyors H.G. Parker, E.W. Sibley and R.A. Pratt in 1967-68</p> <hr/>
	<p>From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., hereinbefore described.</p>
	<p>N. 89°54'50" W., bet. secs. 13 and 24.</p>
38.544	<p>Trail road, 15 lks. wide, bears N. 42°20'10" E. and SW.</p>
39.056	<p>The witness point at the intersection of a line 25 ft. northwesterly of and parallel with the centerline of a trail road with the line bet. secs. 13 and 24, hereinafter described.</p>
39.971	<p>The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the subdivisional lines, T. 15 N., R. 64 E., executed under Group No. 454, with a steel fence post set alongside.</p>
	<hr/> <p>METES-AND-BOUNDS SURVEY IN SECTION 13, T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>
	<p>MEMORANDUM</p>
	<p>The following metes-and-bounds survey identifies a line 25 feet northwesterly of and parallel with the apparent centerline of a trail road and begins at the intersection with the line between sections 13 and 18, on the east boundary of the township, and ends at the intersection with the line between sections 13 and 24.</p>
	<hr/> <p>From the point for a witness point, at the intersection of the first course of this metes-and-bounds survey with the line bet. secs. 13 and 18, on the E. bdy. of the Tp.</p>

METES-AND-BOUNDS SURVEY IN SECTION 13,  
T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<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 data-bbox="852 378 1047 577"> <p>WP T15N R64E R65E S 13 S 18 2014</p> </div> <p>From this point the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., hereinbefore described, bears N. 1°12'30" W., 4.725 chs. dist.</p> <p>S. 40°23'30" W., in sec. 13.</p>
2.717	<p>Point for Angle Point No. 1, sec. 13.</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 data-bbox="868 934 1031 1081"> <p>T15N R64E AP1 S13 2014</p> </div> <hr/> <p>S. 37°25'00" W., on line 1-2.</p>
2.179	<p>Point for Angle Point No. 2, sec. 13.</p> <p>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.</p> <div data-bbox="868 1354 1031 1501"> <p>T15N R64E AP2 S13 2014</p> </div> <hr/> <p>S. 64°31'40" W., on line 2-3.</p>
1.204	<p>Point for Angle Point No. 3, sec. 13.</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>

METES-AND-BOUNDS SURVEY IN SECTION 13,  
T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

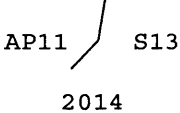
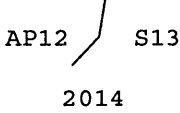
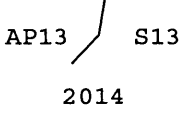
CHAINS	
	<p style="text-align: center;">T15N R64E</p> <p style="text-align: center;">AP3 / S13</p> <p style="text-align: center;">2014</p> <hr/>
1.021	<p>S. 47°55'40" W., on line 3-4.</p> <p>Point for Angle Point No. 4, sec. 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p>
	<p style="text-align: center;">T15N R64E</p> <p style="text-align: center;">AP4 / S13</p> <p style="text-align: center;">2014</p> <hr/>
2.467	<p>S. 31°11'00" W., on line 4-5.</p> <p>Point for Angle Point No. 5, sec. 13.</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 style="text-align: center;">T15N R64E</p> <p style="text-align: center;">AP5 / S13</p> <p style="text-align: center;">2014</p> <hr/>
2.571	<p>S. 49°47'30" W., on line 5-6.</p> <p>Point for Angle Point No. 6, sec. 13.</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>
	<p style="text-align: center;">T15N R64E</p> <p style="text-align: center;">AP6 / S13</p> <p style="text-align: center;">2014</p> <hr/>
1.177	<p>S. 35°02'20" W., on line 6-7.</p> <p>Point for Angle Point No. 7, sec. 13.</p>

METES-AND-BOUNDS SURVEY IN SECTION 13,  
T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<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 style="text-align: center;">T15N R64E AP7 / S13 2014</p> <hr/>
5.388	<p>S. 40°42'20" W., on line 7-8.</p> <p>Point for Angle Point No. 8, sec. 13.</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 style="text-align: center;">T15N R64E AP8 / S13 2014</p> <hr/>
2.636	<p>S. 48°59'40" W., on line 8-9.</p> <p>Point for Angle Point No. 9, sec. 13.</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;">T15N R64E AP9 / S13 2014</p> <hr/>
1.260	<p>S. 52°04'30" W., on line 9-10.</p> <p>Point for Angle Point No. 10, sec. 13.</p> <p>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.</p> <p style="text-align: center;">T15N R64E AP10 / S13 2014</p> <hr/>



METES-AND-BOUNDS SURVEY IN SECTION 13,  
T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
1.428	<p>S. 35°19'40" W., on line 10-11.</p> <p>Point for Angle Point No. 11, sec. 13.</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>T15N R64E</p>  <p>AP11 S13</p> <p>2014</p> </div>
1.832	<p>S. 55°55'10" W., on line 11-12.</p> <p>Point for Angle Point No. 12, sec. 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>T15N R64E</p>  <p>AP12 S13</p> <p>2014</p> </div>
2.040	<p>S. 65°22'20" W., on line 12-13.</p> <p>Point for Angle Point No. 13, sec. 13.</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> <div style="text-align: center;"> <p>T15N R64E</p>  <p>AP13 S13</p> <p>2014</p> </div>
1.550	<p>S. 76°57'30" W., on line 13-14.</p> <p>Point for Angle Point No. 14, sec. 13.</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>

METES-AND-BOUNDS SURVEY IN SECTION 13,  
T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p style="text-align: center;">T15N R64E</p> <p style="text-align: center;">AP14 / S13</p> <p style="text-align: center;">2014</p> <hr/>
1.733	<p>S. 68°42'20" W., on line 14-15.</p> <p>Point for Angle Point No. 15, sec. 13.</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;">T15N R64E</p> <p style="text-align: center;">AP15 / S13</p> <p style="text-align: center;">2014</p> <hr/>
1.151	<p>S. 81°22'40" W., on line 15-16.</p> <p>Point for Angle Point No. 16, sec. 13.</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;">T15N R64E</p> <p style="text-align: center;">AP16 / S13</p> <p style="text-align: center;">2014</p> <hr/>
2.714	<p>S. 71°32'10" W., on line 16-17.</p> <p>Point for Angle Point No. 17, sec. 13.</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 style="text-align: center;">T15N R64E</p> <p style="text-align: center;">AP17 / S13</p> <p style="text-align: center;">2014</p> <hr/>
2.115	<p>S. 52°10'40" W., on line 17-18.</p> <p>Point for Angle Point No. 18, sec. 13.</p>

METES-AND-BOUNDS SURVEY IN SECTION 13,  
T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>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.</p> <p style="text-align: center;">T15N R64E AP18 / S13 2014</p> <hr/>
	<p>S. 33°33'40" W., on line 18-19.</p>
7.490	<p>Point for Angle Point No. 19, sec. 13.</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 style="text-align: center;">T15N R64E AP19 / S13 2014</p> <hr/>
	<p>S. 37°08'50" W., on line 19-20.</p>
2.207	<p>Point for Angle Point No. 20, sec. 13.</p> <p>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.</p> <p style="text-align: center;">T15N R64E AP20 / S13 2014</p> <hr/>
	<p>S. 42°20'10" W., on the last course of this metes-and-bounds survey.</p>
7.085	<p>Point for a witness point at the intersection of the last course of this metes-and-bounds survey with the line bet. secs. 13 and 24.</p> <p>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.</p>

METES-AND-BOUNDS SURVEY IN SECTION 13,  
T. 15 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

WP  
T15N R64E  
/ S13

S24

2014

From this point, the 1/4 sec. cor. of secs. 13 and 24,  
hereinbefore described, bears N. 89°54'50" W., 0.915 chs. dist.

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GENERAL DESCRIPTION

The land encompassed in this survey is approximately 7,500 ft. above sea level, located primarily on a gentle NW. facing slope in the foot hills of Cave Lake State Park. The vegetation is primarily Juniper. Access to the area is primarily by way of Nevada State Route 486 and numerous forest and powerline roads.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS


Bradley F. Dillon	Cadastral Surveyor
Josephina M. Campbell	Surveying Technician
Anthony W. Swope	Surveying Technician
Tallon A. Ricci	Survey Aid
Christopher S. Bourgoine	Field Assistant
Matthew J. White	Field Assistant

## CERTIFICATE OF SURVEY

I, Joseph J. Johnson, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 18th day of July, 2013, I have dependently resurveyed a portion of the east boundary and a portion of the subdivisional lines, and executed a metes-and-bounds survey in section 13, Township 15 North, Range 64 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 17 2014

(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 east boundary and a portion of the subdivisional lines, and a metes-and-bounds survey in section 13, Township 15 North, Range 64 East, Mount Diablo Meridian, Nevada, executed by Joseph J. Johnson, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 17 2014

(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 T. 15 N., R. 64 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

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