

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 SUBDIVISION OF SECTION 33,  
TOWNSHIP 23 SOUTH, RANGE 64 EAST,  
OF THE MOUNT DIABLO MERIDIAN,  
IN THE STATE OF NEVADA

EXECUTED BY

Jose A. Serna, Cadastral Surveyor

Under Special Instructions dated April 20, 2012,  
and approved June 21, 2012,  
which provided for the surveys included under Group No. 915,  
and Assignment Instructions dated June 25, 2012.

Survey commenced June 25, 2012

Survey completed August 20, 2012

INDEX DIAGRAM

TOWNSHIP 23 SOUTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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## TOWNSHIP 23 SOUTH, RANGE 64 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 subdivision of section 33, Township 23 South, Range 64 East, Mount Diablo Meridian, Nevada.

The south boundary and subdivisional lines were surveyed by T.A. Magee in 1883 under contract No. 149.

The south boundary and subdivisional lines were independently resurveyed by C.S. Swanholm, in 1931 under Group No. 169.

The history of other surveys remote to the area are not included.

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. 915, dated April 20, 2012.

Measurements were made with Trimble R8-3 Global Positioning System (GPS) receivers using the real-time kinematic (RTK) method. The direction of each line is with reference to the true meridian and are reported as mean bearings. The distances are reported as horizontal measurement at a mean ground elevation of 2,000 feet above sea level.

The geographic positions, in NAD83 (2011), (EPOCH: 2010.0000) for the corners below were determined by GPS static observations processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS) NVCA CARLTON SQUARE 2 CORS ARP, NVTP TROPICANA CORS ARP, NVBM BERMUDA CORS ARP and carried forward by RTK observations.

The 1/4 sec. cor. of secs. 28 and 33 is as follows:

Latitude: 35°55'13.930" N. Longitude: 114°49'56.341" W.

The 1/4 sec. cor. of secs. 33 and 34 is as follows:

Latitude: 35°54'47.819" N. Longitude: 114°49'24.220" W.

The April 23, 2012 mean magnetic declination was determined to be 12°06' E., as obtained from the National Oceanic and Atmospheric Administration's National Geophysical Data Center declination calculator.

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 23 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p style="text-align: center;">Reestablishment of a Portion of the Resurvey Executed by C.S. Swanholm in 1931</p> <hr/>
	<p>From the 1/4 sec. cor. of secs. 33 and 34, monumented with an iron post, 1 in. diam., firmly set, 6 ins. below surface of ground, with brass cap mkd. as described in the field notes of the independent resurvey of the subdivisional lines of T. 23 S., R. 64 E., executed under Group No. 169, with a wood post, 4x4 ins., firmly set, projecting 3 ft. above the ground alongside, and a mound of stone, 4 ft. base, 2 ft. high, W. of cor.</p>
	<p>N. 0°02'20" W., bet. secs. 33 and 34.</p>
	<p>Over gently rolling land with scattered creosote brush and some desert sage brush.</p>
7.70	Dry wash and base of descent, drains W.
12.60	Power transmission line, bears N. 22° E. and S. 22° W.
19.90	Power transmission line, bears N. 22° E. and S. 22° W.
20.007	Point for the N 1/16 sec. cor. of secs. 33 and 34.
	POINT NOT MONUMENTED
25.40	Bladed road, 21 lks. wide, bears N. 22° E. and S. 22° W.
28.00	Power transmission line, bears N. 22° E. and S. 22° W.
40.014	The cor. of secs. 27, 28, 33 and 34, monumented with an iron post, 2 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of the subdivisional lines of T. 23 S., R. 64 E., executed under Group No. 169.
	<hr/> <p>S. 89°59'40" W., bet. secs. 28 and 33.</p>
6.20	Power transmission line, bears N. 22° E. and S. 22° W.
6.80	Bladed road, 20 lks. wide, bears N. 22° E. and S. 22° W.
20.003	Point for the E 1/16 sec. cor. of secs. 28 and 33.
	POINT NOT MONUMENTED
40.006	The 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. as described in the field notes of the independent resurvey of the subdivisional lines of T. 23 S., R. 64 E., executed under Group No. 169.

SUBDIVISION OF SECTION 33,  
T. 23 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p> <p>40.018</p> <p>42.50</p> <p>60.027</p> <p>80.036</p> <p>5.10</p> <p>8.10</p> <p>10.30</p> <p>11.40</p> <p>20.005</p>	<p>From the 1/4 sec. cor. of sec. 33, on the S. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, in a mound of stone, 2 1/2 ft. base, 1 ft. high, with brass cap mkd. as described in the field notes of the independent resurvey of the S. bdy. of T. 23 S., R. 64 E. executed under Group No. 169, with a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>N. 0°02'30" W., on the N-S center line of sec. 33.</p> <p>Over gently rolling land with scattered creosote brush and some desert sage brush.</p> <p>Point for the center 1/4 sec. cor. of sec. 33, at intersection with the E-W center line.</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;">T23S R64E C 1/4 S33</p> <p style="text-align: center;">2012</p> <p>Dry wash, 230 lks. wide, drains SW.</p> <p>Point for the C-N 1/16 sec. cor. of sec. 33.</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;">C N 1/16   S33 C</p> <p style="text-align: center;">2012</p> <hr/> <p>The 1/4 sec. cor. of secs. 28 and 33.</p> <p>From the 1/4 sec. cor. of secs. 33 and 34.</p> <p>S. 89°59'20" W., on the E-W center line of sec. 33.</p> <p>Over gently rolling land with scattered creosote brush and some desert sage brush.</p> <p>Power transmission line, bears N. 22° E. and S. 22° W.</p> <p>Power transmission line, bears N. 22° E. and S. 22° W.</p> <p>Bladed road, 21 lks. wide, bears N. 22° E. and S. 22° W.</p> <p>Power transmission line, bears N. 22° E. and S. 22° W.</p> <p>Point for the C-E 1/16 sec. cor. of sec. 33.</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>
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SUBDIVISION OF SECTION 33,  
T. 23 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	E 1/16 C———C S33  2012
22.50	Power transmission line, bears N. 22° E. and S. 22° W.
23.30	Bladed road, 20 lks. wide, bears N. 22° E. and S. 22° W.
40.010	The center 1/4 sec. cor. of sec. 33.
75.50	Dry wash, 160 lks. wide, drains SW.
80.012	The 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 1 in. diam., firmly set, 4 ins. below the surface of the ground, with brass cap mkd. as described in the field notes of the independent resurvey of the subdivisional lines of T. 23 S., R. 64 E., executed under Group No. 169.
	<hr/> From the C-E 1/16 sec. cor. of sec. 33.  N. 0°02'30" W., on the N-S center line of the NE1/4 of sec. 33.  Over gently rolling land with scattered creosote brush and some desert sage brush.
6.10	Power transmission line, bears N. 22° E. and S. 22° W.
7.80	Bladed road, 20 lks. wide, bears N. 22° E. and S. 22° W.
20.008	Point for the NE 1/16 sec. cor. of sec. 33, at the intersection with the E-W center line of the NE1/4.  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.
	NE 1/16 S33  2012
40.016	The point for the E 1/16 sec. cor. of secs. 28 and 33.  <hr/> From the point for the N 1/16 sec. cor. of secs. 33 and 34.  S. 89°59'30" W., on the E-W center line of the NE1/4 of sec. 33.  Over gently rolling land with scattered creosote brush and some desert sage brush.
2.20	Bladed road, 21 lks. wide, bears N. 22° E. and S. 22° W.
3.20	Power transmission line, bears N. 22° E. and S. 22° W.
14.30	Power transmission line, bears N. 22° E. and S. 22° W.
14.80	Bladed road, 20 lks. wide, bears N. 22° E. and S. 22° W.

SUBDIVISION OF SECTION 33,  
T. 23 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p> <p>20.004</p> <p>40.008</p>	<p>The NE 1/16 sec. cor. of sec. 33.</p> <p>The C-N 1/16 sec. cor. of sec. 33.</p> <hr/> <p>GENERAL DESCRIPTION</p> <p>The lands included in this survey are located about 5 miles south of Boulder City, Nevada. The average elevation of the area surveyed is about 2000 feet above sea level and generally drains to the west. Vegetation consists of mostly of creosote brush and some desert sage brush.</p> <hr/>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Joseph J. Johnson

Cadastral Surveyor

Joel J. Borwick

Surveying Technician

## CERTIFICATE OF SURVEY

I, Jose A. Serna, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 20th day of April, 2012, I have dependently resurveyed a portion of the subdivisional lines and subdivided section 33, Township 23 South, 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.

April 1, 2013

(Date)

  
 (Cadastral Surveyor)

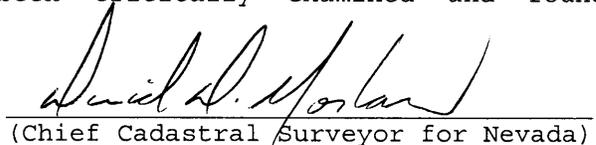
## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
 Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 33, Township 23 South, Range 64 East, of the Mount Diablo Meridian, Nevada, executed by Jose A. Serna, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

April 10, 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 23 South, Range 64 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~\_\_\_\_\_~~  
 (Date)

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 (Chief Cadastral Surveyor for Nevada)