

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE WEST BOUNDARY,  
A PORTION OF THE NORTH BOUNDARY  
AND A PORTION OF THE SUBDIVISIONAL LINES,

AND

A METES-AND-BOUNDS SURVEY IN SECTION 6,  
TOWNSHIP 12 SOUTH, RANGE 47 EAST,  
OF THE MOUNT DIABLO MERIDIAN,  
IN THE STATE OF NEVADA

EXECUTED BY

Don R. Aschenbach, Cadastral Surveyor

Under Special Instructions dated February 23, 2007,  
and approved February 23, 2007,  
which provided for the surveys included under Group No. 848,  
and Assignment Instructions dated April 3, 2007.

Survey commenced April 7, 2007

Survey completed December 13, 2007

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TOWNSHIP 12 SOUTH, RANGE 47 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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## TOWNSHIP 12 SOUTH, RANGE 47 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary, a portion of the north boundary and a portion of the subdivisional lines, and a metes-and-bounds survey in section 6, Township 12 South, Range 47 East, Mount Diablo Meridian, Nevada.

The south boundary (3rd Standard Parallel South), the east, west and north boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyor O.E. Brashears in 1906 under Contract No. 248. The Townsite of Beatty, Nevada was surveyed by Examiner of Surveys W.O. Owen in 1907. Mineral Survey No. 2934 was surveyed by U.S. Deputy Mineral Surveyor Donald Cameron in 1907. A portion of the north boundary, a portion of the subdivisional lines and Mineral Survey No. 2934 were dependently resurveyed and sections 5 and 17 were subdivided by Cadastral Surveyor R.A. Zaninovich and Surveying Technician C.W. Morrow, in 1998 through 2004 under Group No. 772. The history of other former surveys remote to the area are not included.

Before restoring the corners, the lines of the original surveys were retraced and 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, 1973, and the Special Instructions for Group No. 848, dated February 23, 2007.

Measurements were made with Trimble 5700 Global Positioning Systems (GPS) receivers using real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearing of the lines and horizontal equivalents of ground distances only are entered in the field notes.

The NAD 1983 (CORS 96) geographic position of the corner of sections 5, 6, 7 and 8, determined from Global Positioning System (GPS) static observations processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) CAE1 ESSEX 1 CORS ARP, LVWD LAS VEGAS VALLEY CORS ARP, and NVLM AMS WT FACILITY CORS ARP, in 2007, and carried forward by RTK observations, is as follows:

Latitude: 36°54'53.966" N.                      Longitude: 116°45'08.962" W.

The mean magnetic declination is 15° E., as shown on the U.S.G.S. 7 1/2 minute quadrangle map "BEATTY, NEV." provisional edition dated 1987.

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DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

Reestablishment of a Portion of the Survey Executed by  
O.E. Brashears, U.S. Deputy Surveyor, in 1906

Beginning at the cor. of secs. 1, 6, 7 and 12, perpetuated by Donald E. Jaragosky, Nevada Professional Land Surveyor No. 6444, monumented with a rebar, 5/8 in. diam., firmly set in an embedded mound of stone, 4 ft. base, 1 ft. high, with plastic cap mkd. PLS 6444 as recorded in Nye County, Nevada, Record of Survey, File No. 629671, with the original cornerstone, a basalt, 16x7x5 ins., plainly mkd. with 1 notch and 5 notches, lying loosely in the mound of stone alongside the rebar.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T12S	
R46E	R47E
S 1	S 6
S12	S 7

2007

Reset the rebar, and deposit the original cornerstone alongside the stainless steel post.

N. 0°17'40" W., bet. secs. 1 and 6.

Over rolling land.

7.00 Dry wash, 30 lks. wide, drains SE.

39.976 The 1/4 sec. cor. of secs. 1 and 6, monumented with a basalt stone, 17x9x5 ins., firmly set, projecting 6 ins. above the ground, plainly mkd. 1/4 on the W. face, with a mound of stone, 3 ft. base, 1 ft. high, W. of the cor.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T12S	
1/4	
R46E	R47E
S 1	S 6

2007

Deposit the original cornerstone alongside the stainless steel post.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>From this corner, a rebar, determined to be a reference monument to the original cor., set by Lisle Lowe, Nevada Professional Land Surveyor No. 8423, 1/2 in. diam., firmly set, projecting 4 ins. above the ground, with plastic cap mkd. PLS 8423 as recorded in Nye County, Nevada, Record of Survey, File No. 411077, bears NORTH, 0.010 chs. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°04'40" E., beginning new measurement.</p> <p>10.00 Dry wash, 50 lks. wide, drains SE.</p> <p>16.45 Powerline, bears N. 35° W. and S. 35° E.</p> <p>26.00 Gravel road, 40 lks. wide, bears N. 23° W. and S. 23° E.</p> <p>40.072 The cor. of Tps. 11 and 12 S., Rs. 46 and 47 E., monumented with a basalt stone, 21x14x10 ins., firmly set, projecting 12 ins. above the ground, plainly mkd. with 6 notches on the N., S., E. and W. edges, T 11 S on NE. face, R 47 E on SE. face, T 12 S on SW. face and R 46 E on NW. face, and a mound of stone, 3 ft. base, 1 ft. high, S. of the cor., with a rebar determined to be a reference monument to the original cor., set by Lisle Lowe, Nevada Professional Land Surveyor No. 8423, 1/2 in. diam., firmly set alongside the original cornerstone, projecting 6 ins. above the ground, with plastic cap mkd. PLS 8423, as recorded in Nye County, Nevada, Record of Survey, File No. 411077.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td colspan="2">T11S</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">R46E</td><td style="padding: 0 5px;">R47E</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S36</td><td style="padding: 0 5px;">S31</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 1</td><td style="padding: 0 5px;">S 6</td></tr> <tr><td colspan="2">T12S</td></tr> </table> <p>2007</p> </div> <p>Deposit the original cornerstone, and reset the rebar alongside the stainless steel post.</p> <hr style="width: 80%; margin: 10px auto;"/> <div style="text-align: center; margin: 10px auto;"> <p>DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY, T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr style="width: 80%; margin: 10px auto;"/> <p>Reestablishment of a Portion of the Survey Executed by O.E. Brashears, U.S. Deputy Surveyor, in 1906</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the cor. of secs. 5, 6, 31 and 32, 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 the south boundary of T. 11 S., R. 47 E., executed under Group No. 772, with a mound of stone, 5 ft. base, 2 1/2 ft. high, W. of the cor.</p> </div>	T11S		R46E	R47E	S36	S31	S 1	S 6	T12S	
T11S											
R46E	R47E										
S36	S31										
S 1	S 6										
T12S											

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,  
T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	S. 89°42'50" W., bet. secs. 6 and 31.
	Over rolling land.
40.081	The 1/4 sec. cor. of secs. 6 and 31, monumented with a basalt stone, 15x10x7 ins., firmly set, projecting 7 ins. above the ground, plainly mkd. 1/4 on the N. face, with a mound of stone, 3 ft. base, 1 ft. high, N. of the cor.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	<p style="text-align: center;">T11S R47E S31 1/4 <u>        </u> S 6 T12S  2007</p>
	Deposit the original cornerstone alongside the stainless steel post.
	From this corner, a rebar, determined to be a reference monument to the original cor., set by Lisle Lowe, Nevada Professional Land Surveyor No. 8423, 1/2 in. diam., firmly set, projecting 6 ins. above the ground, with plastic cap mkd. PLS 8423, as recorded in Nye County, Nevada, Record of Survey, File No. 411077, bears N. 8°50' E., 0.040 chs. dist.
	S. 89°41'50" W., beginning new measurement.
	Over rolling land.
2.90	Spur, slopes S.
8.90	Dry wash, 50 lks. wide, drains SW.
19.90	Dry wash, 100 lks. wide, drains SE.
39.932	The cor. of Tps. 11 and 12 S., Rs. 46 and 47 E., hereinbefore described.
	<hr/> <p style="text-align: center;">DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>
	<p style="text-align: center;">Reestablishment of a Portion of the Survey Executed by O.E. Brashears, U.S. Deputy Surveyor, in 1906</p> <hr/>
	From the cor. of secs. 5, 6, 7 and 8, described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 12 S., R. 47 E., executed under Group No. 772. The cor. is monumented with an iron pipe, (Record, steel pipe), 1 in. diam., no cap, firmly set 6 ins. below the surface of the ground, with a rebar, 5/8 in. diam.,

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p>	<p>with plastic cap unreadable, firmly set alongside the iron pipe, 6 ins. below the surface of the ground. This cor. will now also function as Angle Point No. 1, of a metes-and-bounds survey in sec. 6.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. below the surface of the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td colspan="2">T12S R47E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 6</td> <td style="padding: 0 5px;">S 5</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 7</td> <td style="padding: 0 5px;">S 8</td> </tr> </table> <p>2007</p> </div> <p>from which</p> <p style="padding-left: 40px;">A PK nail with shiner, set in concrete sidewalk, for a reference monument, bears S. 3°35' W., 9.2 lks. dist., mkd. RM 6.10 FT and an arrow pointing to cor.</p> <p style="padding-left: 40px;">A PK nail with shiner, set in concrete sidewalk, for a reference monument, bears S. 64°38' W., 9.2 lks. dist., mkd. RM 6.10 FT and an arrow pointing to cor.</p> <p>Reset the iron pipe and rebar alongside the stainless steel post.</p> <p>S. 89°56'00" W., bet. secs. 6 and 7.</p> <p>Over bare nearly level, gently rolling land.</p> <p>0.72 Intersect side of wood frame building, a cor. of building located in sec. 6, bears N. 59°00' W., 75.0 lks. dist., and a cor. of building located in sec. 7, bears S. 59°00' E., 54.0 lks. dist.</p> <p>1.60 Intersect side of wood frame building, a cor. of building located in sec. 6, bears N. 31°00' E., 45.0 lks. dist., and a cor. of building located in sec. 7, bears S. 31°00' W., 12.0 lks. dist.</p> <p>1.83 Intersect side of wood frame building, a cor. of building located in sec. 6, bears N. 59°40' W., 178.0 lks. dist., and a cor. of building located in sec. 7, bears S. 59°40' E., 20.0 lks. dist.</p> <p>3.84 Intersect side of wood frame building, a cor. of building located in sec. 6, bears N. 59°40' W., 5.0 lks. dist., and a cor. of building located in sec. 7, bears S. 59°40' E., 22.0 lks. dist.</p> <p>4.616 Point for Angle Point No. 4, of a metes-and-bounds survey in sec. 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the ground, over a plastic-encased magnet, with brass cap mkd.</p>	T12S R47E		S 6	S 5	S 7	S 8
T12S R47E							
S 6	S 5						
S 7	S 8						

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	T12S R47E
	$\frac{S\ 6}{S\ 7} / AP\ 4$
	2007
5.80	Amargosa River, dry, 100 lks. wide, course SW.
11.10	Dry wash, 10 lks. wide, drains. SW.
12.842	From this point, a rebar, 5/8 in. diam., firmly set, projecting 10 ins. above the ground, set by person(s) unknown, bears NORTH, 0.010 chs. dist.
14.200	A property corner, determined by W.T. Boundy, Nevada Professional Land Surveyor No. 2518, monumented with a rebar, 5/8 in. diam., firmly set, flush with the ground, with plastic cap mkd. RLS 2518, as recorded in the Nye County, Nevada, Record of Survey, File No. 63091.
17.90	Dry wash, 30 lks. wide, drains SE.
18.10	Powerline, bears N. 51° E. and S. 51° W.
19.987	<p>The E 1/16 sec. cor. of secs. 6 and 7, determined by W.T. Boundy, Nevada Professional Land Surveyor No. 2518, monumented with a rebar, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, with plastic cap unreadable as recorded in Nye County, Nevada, Record of Survey, File No. 63091. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> $E\ 1/16\ \frac{S\ 6}{S\ 7}$ <p style="text-align: center;">2007</p> <p>Reset the rebar alongside the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89°53'10" W., beginning new measurement.</p>
14.982	The W-W-E 1/256 sec. cor. of secs. 6 and 7, determined by Lisle Lowe, Nevada Professional Land Surveyor No. 8423, monumented with a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above the ground, with plastic cap mkd. PLS 8423 as recorded in Nye County, Nevada, Record of Survey, File No. 411077. This is accepted as a careful and faithful determination of the position of the corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<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> $\begin{array}{r} \text{W-W-E } 1/256 \\ \hline \text{S } 6 \\ \text{S } 7 \\ \hline 2007 \end{array}$ <p>Reset the rebar alongside the stainless steel post.</p> <hr/> <p>S. 89°54'40" W., beginning new measurement.</p> <p>2.90 Dry wash, 30 lks. wide, drains SE.</p> <p>4.80 Asphalt surfaced road, bears N. and S.</p> <p>4.99 Powerline, bears N. 35° W. and S. 35° E.</p> <p>4.996 The 1/4 sec. cor. of secs. 6 and 7, determined by person(s) unknown, monumented with a railroad spike, firmly set, flush with the asphalt. This position has been adopted by professional land surveyors and is accepted as the best available evidence of the position of the original corner.</p> <p>POINT NOT REMONUMENTED</p> <p>from which</p> <p style="padding-left: 40px;">An X chiseled on the NE. edge of iron rim of valve box, set flush with asphalt, bears S. 61°45' W., 30.1 lks. dist.</p> <p style="padding-left: 40px;">A PK nail with shiner, set in a power pole, 1 ft. above ground, bears N. 61°30' W., 56.4 lks. dist.</p> <hr/> <p>S. 89°55'00" W., beginning new measurement.</p> <p>Along North Avenue, asphalt surfaced.</p> <p>19.981 The W 1/16 sec. cor. of secs. 6 and 7, determined by Donald E. Jaragosky, Nevada Professional Land Surveyor No. 6444, monumented with a rebar, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, with plastic cap mkd. PLS 6444 as recorded in Nye County, Nevada, Record of Survey, File No. 558268. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the ground, over a plastic-encased magnet, with brass cap mkd.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	$W \frac{1}{16} \frac{S \ 6}{S \ 7}$
	2007
	Reset the rebar alongside the stainless steel post.
	_____
	S. 89°55'00" W., beginning new measurement.
10.00	End of asphalt, beginning of gravel road.
19.60	Center of gravel roads, 30 lks. wide, bears N., E. and S.
19.843	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., hereinbefore described.
	_____
	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°14'50"E., bet. secs. 5 and 6.
	Over bare level land.
1.10	Ditch, 3 lks. wide, 2 ft. deep, drains NW.
5.00	Amargosa River, dry, 100 lks. wide, course SW.
14.80	Powerline, bears N. 51° E. and S. 51° W.
15.90	Dry wash, 100 lks. wide, drains SE.
40.174	The 1/4 sec. cor. of secs. 5 and 6, 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 the subdivisional lines of T. 12 S., R. 47 E., executed under Group No. 772, with a mound of stone, 4 ft. base, 2 ft. high, W. of the cor.
	_____
	<p>METES-AND-BOUNDS SURVEY IN SECTION 6, T. 12 S., R. 47 E., MOUNT DIABLO MERIDIAN, NEVADA</p>
	_____
	From Angle Point No. 1, sec. 6, identical with the cor. of secs. 5, 6, 7 and 8, hereinbefore described.
	Thence, N. 44°05'20" W., on line 1-2.
2.347	Point for Angle Point No. 2, sec. 6.
	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.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Wendy L. Seley

Realty Specialist

Matthew J. White

Range Technician

## CERTIFICATE OF SURVEY

I, Don R. Aschenbach, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 23rd day of February, 2007, I have dependently resurveyed a portion of the west boundary, a portion of the north boundary and a portion of the subdivisional lines, and surveyed by metes and bounds in section 6, Township 12 South, Range 47 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.

March 13, 2008

(Date)

Don R. Aschenbach

(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, a portion of the north boundary and a portion of the subdivisional lines, and a metes-and-bounds survey in section 6, Township 12 South, Range 47 East, Mount Diablo Meridian, Nevada, executed by Don R. Aschenbach, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

March 25, 2008

(Date)

David H. Yorlan

(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 12 S., R. 47 E., M.D.M., Nevada, is a true copy of the original field notes.~~

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

~~\_\_\_\_\_~~  
~~(Chief Cadastral Surveyor, Nevada)~~