

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 A PORTION OF THE  
SUBDIVISION-OF-SECTION LINES OF SECTION 25,  
THE SUBDIVISION OF SECTIONS 14 AND 24  
AND THE FURTHER SUBDIVISION OF SECTION 25,  
TOWNSHIP 11 NORTH, RANGE 20 EAST,  
OF THE MOUNT DIABLO MERIDIAN,  
IN THE STATE OF NEVADA

EXECUTED BY

Don R. Aschenbach, Cadastral Surveyor

Under Special Instructions dated September 4, 2003,  
and approved September 4, 2003,  
which provided for the surveys included under Group No. 816,  
and Assignment Instructions dated September 4, 2003.

Survey commenced September 11, 2003

Survey completed June 27, 2007

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## TOWNSHIP 11 NORTH, RANGE 20 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and a portion of the subdivision-of-section lines of section 25, the subdivision of sections 14 and 24 and the further subdivision of section 25, Township 11 North, Range 20 East, Mount Diablo Meridian, Nevada.</p> <p>The west two miles of the south boundary (Second Standard Parallel North), the west boundary and the west two miles of the north boundary were surveyed by U.S. Deputy Surveyor A.H. Jones in 1855. The west two miles of the north boundary was retraced and a new line established for the west two miles, and the east four miles of the north boundary and the east boundary (Carson River Guide Meridian) were surveyed by U.S. Deputy Surveyor B. Ives in 1861 under Contract "A". The west boundary and the west two miles of the south boundary (Second Standard Parallel North) were resurveyed, and the east four miles of the south boundary (Second Standard Parallel North) and the subdivisional lines were surveyed by U.S. Deputy Surveyor P.C. Rector in 1865 under Contract "G". The plat of survey by Rector shows an old (prior to 1873) state line (no record). The connections with the state line on the exterior and subdivisional lines except the line between secs. 1 and 6, on the W. boundary of the Township and the line between sections 35 and 36 were calculated. The former California-Nevada state line was surveyed by U.S. Astronomer and Surveyor A.W. Von Schmidt in 1873 under Contract dated July 20, 1872. No connections were determined by Von Schmidt with prior rectangular surveys. Portions of the exterior and subdivisional lines which intersected the former state line (Von Schmidt) were retraced or resurveyed, and closing corners were established at points of intersection by U.S. Deputy Surveyor W.H. Carlton in 1875. In connection with the surveys executed under Group No. 281, California, and Group No. 245, Nevada, Cadastral Engineer C.S. Swanholm reported no evidence of the Carlton survey or closing corners were found. The present California-Nevada state line was surveyed by U.S. Coast and Geodetic Survey in 1893-99. No connections were determined with prior rectangular surveys. The former California-Nevada state line (Von Schmidt) from 222 mile cor. to 231 mile cor., the present California-Nevada state line (Coast and Geodetic) from Monument 11 to Monument 20, the north boundary, the east boundary (Carson River Guide Meridian), a portion of the south boundary (Second Standard Parallel North), a portion of the west boundary and a portion of the subdivisional lines were retraced or resurveyed, and Tracts 37 through 56 were surveyed by metes-and-bounds by Cadastral Engineers C.S. Swanholm and R.F. Wilson, etc., in 1939-50 under Group No. 281, California, and Group No. 245, Nevada. Closing corners were reestablished (established) at points of intersections with the former state line (Von Schmidt), and new closing corners established at points of intersections with the present state line (Coast and Geodetic).</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>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.</p>
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## TOWNSHIP 11 NORTH, RANGE 20 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>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. 816, dated September 4, 2003.</p> <p>Measurements were made with Trimble 5700 Global Positioning System (GPS) receivers using the real-time kinematic (RTK) method and refer to the true meridian base on geodetic methods. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.</p> <p>The NAD 83 geographic position of the 1/4 section corner of sections 24 and 25, determined from Global Positioning System (GPS) static observations processed by National Geodetic Survey, Online User Positioning Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) LNC1 LINCOLN 1 CORS ARP, UPSA UPSAL HOGBACK CORS ARP and GABB GABBS CORS ARP, in 2007, is as follows:</p> <p>Latitude: 38°47'40.813" N.                      Longitude: 119°41'11.341" W.</p> <p>The 1979 mean magnetic declination is 16 1/2° E., as shown on U.S.G.S. 7 1/2 minute quadrangle map "CARTERS STATION, NEV.-CALIF.", dated 1979.</p> <hr/> <p style="text-align: center;">DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 11 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p style="text-align: center;">Reestablishment of the Survey Executed by P.C. Rector, Deputy Surveyor, in 1865, and the Resurvey Executed by C.S. Swanholm, R.F. Wilson and G.M. Litz, Cadastral Engineers and W. McConkie, Public Land Surveyor, in 1939-48</p> <hr/> <p>Beginning at the 1/4 sec. cor. of secs. 24 and 25, monumented with an iron post, 1 in. diam., firmly set, projecting 26 ins. above the ground, supported in a mound of stone, 5 ft. base, 2 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.</p> <p>N. 89°56'00" W., bet. secs. 24 and 25.</p> <p>Over mountainous land covered with sagebrush and scattered timber.</p> <p>19.982 The W 1/16 sec. cor. of secs. 24 and 25, identical with Cor. No. 1, Tract 53, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N. R. 20 E., executed under Group No. 245.</p> <hr/>
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DEPENDENT RESURVEY OF A PORTION OF THE  
SUBDIVISION-OF-SECTION LINES OF SECTION 25,  
T. 11 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Reestablishment of the Survey Executed by C.S. Swanholm, R.F. Wilson and G.M. Litz, Cadastral Engineers and W. McConkie, Public Land Surveyor, in 1939-48</p>
	<p>From the center 1/4 sec. cor. of sec. 25, identical with Cor. No. 1, Tract 54, also identical with Cor. No. 2, Tract 55, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.</p> <p>S. 89°41'40" W., on a portion of the E-W center line of sec. 25, identical with line 1-2, Tract 54.</p> <p>Over mountainous land covered with sagebrush and small timber.</p>
19.847	<p>The C-W 1/16 sec. cor. of sec. 25, identical with Cor. No. 2, Tract 54, on the E. bdy. of Tract 53, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.</p>
39.906	<p>N. 0°04'20" W., on the N-S center line of the NW1/4 of sec. 25, identical with a portion of line 4-1, Tract 53.</p> <p>Over mountainous land covered with sagebrush and small timber.</p> <p>The W 1/16 sec. cor. of secs. 24 and 25, identical with Cor. No. 1, Tract 53, hereinbefore described.</p>
	<p style="text-align: center;">SUBDIVISION OF SECTION 14, T. 11 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA</p>
18.00	<p>From the 1/4 sec. cor. of secs. 14 and 23, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.</p> <p>Set two steel sign posts alongside.</p> <p>N. 0°33'00" W., on the N-S center line of sec. 14.</p> <p>Over mountainous land covered with sagebrush, native grasses and scattered timber.</p> <p>Ridge, bears NE. and SW.</p>
20.131	<p>Point for the C-S 1/16 sec. cor. of sec. 14.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, supported in mound of stone, 4 ft. base, to top, over a plastic-encased magnet, with brass cap mkd.</p>

SUBDIVISION OF SECTION 14,  
T. 11 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p style="text-align: center;">C S 1/16   S 14 C</p> <p style="text-align: center;">2005</p>
40.262	<p>Point for the center 1/4 sec. cor. of sec. 14, at intersection with the E-W center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to solid bedrock, supported in a mound of stone, 4 ft. base, to top, over a plastic-encased magnet, with brass cap mkd.</p>
	<p style="text-align: center;">T11N R20E C 1/4 S14</p> <p style="text-align: center;">2005</p> <p>Set a steel sign post alongside.</p>
79.700	<p>The 1/4 sec. cor. of secs. 11 and 14, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above the ground, supported in a mound of stone, 6 ft. base, 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.</p>
	<p>From the 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above the ground, supported in a mound of stone, 4 ft. base, 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.</p> <p>S. 89°27'00" W., on the E-W center line of sec. 14.</p> <p>Over mountainous land covered with sagebrush, native grasses and scattered timber.</p>
17.40	<p>Ridge, bears SE. and NW.</p>
19.990	<p>Point for the C-E 1/16 sec. cor. of sec. 14.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled in a collar of stone, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">E 1/16 C ——— C S14</p> <p style="text-align: center;">2005</p>
30.00	<p>Ridge, bears NE. and SW.</p>
39.980	<p>The center 1/4 sec. cor. of sec. 14.</p>
48.90	<p>Draw, drains NW.</p>
70.00	<p>Ridge, bears N. and S.</p>

SUBDIVISION OF SECTION 14,  
T. 11 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS 80.430	<p>The 1/4 sec. cor. of secs. 14 and 15, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above the ground, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.</p> <hr/> <p style="text-align: center;">SUBDIVISION OF SECTION 24, T. 11 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>From the 1/4 sec. cor. of secs. 24 and 25.</p> <p>N. 0°18'30" E., on the N-S center line of sec. 24.</p> <p>Over mountainous land covered with sagebrush, native grasses and scattered timber.</p>
39.920	<p>Point for the center 1/4 sec. cor. of sec. 24, at intersection with the E-W center line.</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;">T11N R20E C 1/4 S24  2006</p>
44.90	<p>Raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor. and set a steel sign post alongside.</p> <p>Leviathan Creek, 10 lks. wide, course NW.</p>
74.10	<p>Ridge, bears E. and W.</p>
80.941	<p>The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 30 ins. above the ground, supported in a mound of stone, 8 ft. base, 2 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 19 and 24, on the E. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the east boundary, T. 11 N., R. 20 E., executed under Group No. 245.</p> <p>from which the remaining 1939-48 bearing tree</p> <p style="text-align: center;">A juniper, 8 ins. diam., bears N. 66 1/4° W., 36.0 lks. dist., mkd. 1/4 S24 BT.</p> <p>N. 89°42'10" W., on the E-W center line of sec. 24.</p>

SUBDIVISION OF SECTION 24,  
T. 11 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Over mountainous land covered with sagebrush, native grasses and scattered timber.
9.20	Ridge, bears NE. and SW.
14.90	Draw, drains SW.
32.00	Leviathan Creek, 10 lks. wide, course NW.
39.681	The center 1/4 sec. cor. of sec. 24.
50.20	Gravel road, 20 lks. wide, bears SE. and NW.
59.613	Point for the C-W 1/16 sec. cor. of sec. 24.  Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in mound of stone, 3 ft. base, to top, over a plastic-encased magnet, with brass cap mkd.  $\begin{array}{c} W \ 1/16 \\ C \ \hline \ S24 \\ C \end{array}$  2006  Set two steel sign posts alongside.
79.545	The 1/4 sec. cor. of secs. 23 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above the ground, supported in a mound of stone, 5 ft. base, 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 11 N., R. 20 E., executed under Group No. 245.
40.000	From the W 1/16 sec. cor. of secs. 24 and 25, identical with Cor. No. 1, Tract 53.  N. 0°22'30" E., on the N-S center line of the SW1/4 of sec. 24.  Over mountainous land covered with sagebrush and timber.  The center W 1/16 sec. cor. of sec. 24.
39.777	FURTHER SUBDIVISION OF SECTION 25, T. 11 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the center 1/4 sec. cor. of secs. 25, identical with Cor. No. 1, Tract 54 and also identical with Cor. No. 2, Tract 55.  N. 0°07'30" E., on a portion of the N-S center line of sec. 25.  Over mountainous land covered with sagebrush and timber.
	The 1/4 sec. cor. of secs. 24 and 25.

TOWNSHIP 11 NORTH, RANGE 20 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	GENERAL DESCRIPTION
	<p data-bbox="451 373 1469 531">The soil in the hilly part of this township is mostly coarse, thin clay loam and rocks over hardpan and bedrock, generally 3rd rate. The main vegetation is sagebrush, pinon pine and juniper trees. The mean elevation is approximately 5500 feet above sea level. Access is limited to a few roads. There is no evidence of any successful mineral activity.</p> <hr data-bbox="451 552 1469 556"/>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Kane M. Hellebust	Student Trainee (Land Survey)
Steven E. Dagitz	Surveying Technician
Joseph J. Johnson	Surveying Technician
Jeremiah J. Lee	Surveying Technician

## CERTIFICATE OF SURVEY

I, Don R. Aschenbach, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 4th day of September, 2003, I have dependently resurveyed a portion of the subdivisional lines and a portion of the subdivision-of-section lines of section 25, subdivided sections 14 and 24 and further subdivided section 25, Township 11 North, Range 20 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.

August 16, 2007

(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 subdivisional lines and a portion of the subdivision-of-section lines of section 25, the subdivision of sections 14 and 24 and the further subdivision of section 25, Township 11 North, Range 20 East, Mount Diablo Meridian, executed by Don R. Aschenbach, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 23, 2007

(Date)

David H. Yorb  
(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 11 N., R. 20 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor, Nevada)~~