

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 PORTION OF THE SUBDIVISION-OF-SECTION LINES OF SECTION 3,

TOWNSHIP 14 NORTH, RANGE 19 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Don R. Aschenbach, Cadastral Surveyor

Under Special Instructions dated October 25, 2004,

and approved October 25, 2004,

which provided for the surveys included under Group No. 822,

and Assignment Instructions dated September 19, 2006

Survey commenced September 20, 2006

Survey completed March 27, 2007

INDEX DIAGRAM

TOWNSHIP 14 NORTH, RANGE 19 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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Dependent Resurvey of a Portion of the
 Subdivision-of-Section Lines of Section 3 pp. 6 - 7.

TOWNSHIP 14 NORTH, RANGE 19 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines and a portion of the subdivision-of-section lines of section 3, Township 14 North, Range 19 East, Mount Diablo Meridian, Nevada.

The north, south, east and west boundaries were surveyed by U.S. Deputy Surveyor J.S. Lawson, under Contract "B", in 1861. The subdivisional lines were surveyed by U.S. Deputy Surveyor B. Ives, under Contract "C", in 1861. The east mile of the south boundary, the east 3 miles of the north boundary, and a portion of the subdivisional lines were dependently resurveyed, and the subdivision of certain sections and Parcel "A" in section 1, were surveyed by Cadastral Surveyor R.E. Williams in 1985, under Group No. 624. A portion of the east boundary and a portion of the subdivisional lines were dependently resurveyed and section 12 was subdivided by Cadastral Surveyor R.A. Pratt in 1991, under Group No. 710. Portions of the south, east, west and north boundaries, a portion of the subdivisional lines, and a portion of the subdivision-of-section lines of sections 1 and 24 were dependently resurveyed, certain sections were subdivided and further subdivided, and a metes-and-bounds survey of portions of U.S. Highway No. 50 right-of-way in sections 5 and 6 were surveyed by Cadastral Surveyor B.L. Mikkelsen in 1994 - 1996, under Group No. 743.

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, 1973, and the Special Instructions for Group No. 822, dated October 25, 2004.

The directions and distances of the lines of this survey were obtained by Trimble 5700 Global Positioning System (GPS) receivers using the real time kinematic (RTK) 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 in the field notes.

The NAD 1983 geographic positions of the following corners are determined from (GPS) static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) CMBB COLUMBIA COLLEGE CORS ARP, UPSA UPSAL HOGBACK CORS ARP AND NFLN FALLON NAVAL AIR CORS ARP, in 2005, and carried forward by RTK observations.

The corner of sections 25, 30, 31 and 36, on the E. bdy. of the Tp.:

Latitude: 39°02'28.575" N. Longitude: 119°47'18.032" W.

TOWNSHIP 14 NORTH, RANGE 19 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The center 1/4 section corner of section 3:</p> <p>Latitude: 39°06'22.655" N. Longitude: 119°50'04.659" W.</p> <p>The 1982 mean magnetic declination is 16 1/2° E., as shown on the U.S.G.S. 7 1/2 minute quadrangle map "GENOA, NEV", dated 1968, photorevised 1982.</p> <hr/> <p style="text-align: center;">DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY, T. 14 N., R. 19 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p style="text-align: center;">Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyor J.S. Lawson, in 1861, a Portion of the Dependent Resurvey Executed by Cadastral Surveyor R.E. Williams in 1985, and a Portion of the Dependent Resurvey Executed by Cadastral Surveyor B.L. Mikkelsen, 1996</p> <hr/> <p>Beginning at the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., monumented with an aluminum post, 2 1/2 ins. diam., firmly set 12 ins. below the ground, with aluminum cap sheared off, not found. This is accepted as the best available evidence of the corner reestablished in the 1985 resurvey.</p> <p>At the corner point</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> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr><td colspan="2" style="text-align: center;">T14N</td></tr> <tr><td style="text-align: center;">R19E</td><td style="text-align: center;">R20E</td></tr> <tr><td style="text-align: center;">S25</td><td style="text-align: center;">S30</td></tr> <tr><td style="text-align: center;">S36</td><td style="text-align: center;">S31</td></tr> </table> <p style="text-align: center;">2006</p> <p>Deposit remains of the aluminum post alongside the stainless steel post.</p> <p>N. 0°01'40" E., bet. secs. 25 and 30.</p> <p>Over nearly level land, covered with medium native grass, scattered rabbitbrush and sagebrush.</p> <p>15.50 Right bank of the Carson River, course irregularly SE.</p> <p>17.60 Left bank of the Carson River, course irregularly SE.</p> <p>18.447 Point established by Timothy L. Mullikin, Nevada Professional Land Surveyor No. 18135, monumented with a rebar, 5/8 in. diam., firmly set 3 ins. below the surface of the ground, with aluminum cap mkd. PLS WC MC 2A1 18135 2007 and an inverted "T" with arrow pointing southerly.</p>	T14N		R19E	R20E	S25	S30	S36	S31
T14N									
R19E	R20E								
S25	S30								
S36	S31								

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,
T. 14 N., R. 19 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
40.277	<p>The 1/4 sec. cor. of secs. 25 and 30, determined by Timothy L. Mullikin, Nevada Professional Land Surveyor No. 18135, monumented with a rebar, 5/8 in. diam., firmly set, projecting 1 in. above the ground, with aluminum cap mkd. 1/4 S25 S30 PLS 18135 2007. This is accepted as a careful and faithful determination of the position of the corner reestablished in the 1985 resurvey.</p> <p>At the corner point</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 style="text-align: center;"> <p>T14N 1/4 R19E R20E S25 S30</p> <p>2007</p> </div> <p>Set a steel sign post 1 ft. W.</p> <p>Bury rebar with aluminum cap alongside the stainless steel post.</p> <p>Cor. is located 19.5 lks. E. of a newer fence extending N. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°00'30" W., beginning new measurement</p> <p>Over nearly level land, covered with medium native grass, scattered rabbitbrush and sagebrush.</p>
17.00	Slough, 80 lks. wide, 2 ft. deep, course E.
33.889	<p>Point established by David D. Winchell, Nevada Professional Land Surveyor No. 3209, as shown on the plat dated March 24, 1993, recorded as Document No. 309238, Book 693, Page 1590, Douglas County, Nevada, and perpetuated by James P. Hadden, Nevada Professional Land Surveyor No. 5286, as shown on the plat dated November 1, 2001, recorded as document No. 526806, Book 1101, Page 224, Douglas County, Nevada, monumented with a rebar, 5/8 in. diam., firmly set, projecting 3 ins. above the ground, with plastic cap partially mkd. AD 286 and the rest illegible.</p> <p>Point is located 1.5 lks. W. of a fence extending N. and S. and 2.5 lks. E. of a newer fence extending N. and S.</p>
40.255	<p>The cor. of secs. 19, 24, 25 and 30, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with aluminum cap mkd. as described in the field notes of the dependent resurvey of a portion of the W. bdy. of T. 14 N., R. 19 E., executed under Group No. 624.</p> <p>Cor. is located at the cor. of fences extending S. and E.</p> <hr style="width: 20%; margin: 10px auto;"/>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 14 N., R. 19 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p> <p>20.036</p> <p>40.072</p> <p>40.13</p>	<p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyor B. Ives, in 1866, a Portion of the Dependent Resurvey Executed by Cadastral Surveyor R.E. Williams, in 1984, and a Portion of the Dependent Resurvey Executed by Cadastral Surveyor B.L. Mikkelsen, in 1996</p> <hr/> <p>From the cor. of secs. 25, 26, 35 and 36, monumented with an aluminum post, 2 1/2 ins. diam., firmly set 12 ins. below the surface, as described in the field notes of the dependent resurvey of a portion of T. 14 N., R. 19 E., executed under Group No. 624, with aluminum cap oxidized and illegible.</p> <p>Cor. is located 8 lks. W. of the intersection of fences extending N., S. and E., with BLM corner location tag attached to the corner post.</p> <p>N. 0°13'10" W., bet. secs. 25 and 26.</p> <p>Over nearly level land, covered with medium native grasses scattered willows and sagebrush.</p> <p>Point for the S 1/16 sec. cor. of secs. 25 and 26, at proportionate distance; there is no remaining evidence of the corner determined in the 1985 resurvey.</p> <p>POINT NOT MONUMENTED.</p> <p>The 1/4 sec. cor. of secs. 25 and 26, determined at intersection of fences extending N., S. and E. This is accepted as the best available evidence of the position of the corner determined in the 1985 resurvey.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a collar of stone, over a plastic- encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T14N R19E 1/4 S26 S25</p> <p style="text-align: center;">2007</p> <p>Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.</p> <p>Cor. is located on W. side of cor. of fences extending N., S. and E.</p> <hr/> <p>N. 0°02'10" W., beginning new measurement.</p> <p>Over nearly level land.</p> <p>Fence, bears S., E. and W.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 14 N., R. 19 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
40.152	<p>The cor. of secs. 23, 24, 25 and 26, monumented with an aluminum post, 2 1/2 ins. diam., loosely set, projecting 24 ins. above the ground, with aluminum cap mkd. as described in the field notes of the dependent resurvey of a portion of T. 14 N., R. 19 E., executed under Group No. 624.</p> <p>Rehabilitated the monument in a supporting mound of stone, 4 ft. base, 16 ins. high.</p> <p>Cor. is located 2 lks. NW. of the corner of fences extending E., W. and S.</p>
	<p>From the 1/4 sec. cor. of secs. 23 and 26, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with aluminum cap mkd. as described in the field notes of the dependent resurvey of a portion of T. 14 N., R. 19 E., executed under Group No. 624.</p> <p>S. 89°25'00" W., bet. secs. 23 and 26.</p> <p>Over rolling land, covered with sagebrush, scattered bitterbrush, rabbitbrush and native grass.</p>
22.50	<p>Rail fence, bears N. and S.</p>
22.512	<p>Point determined at 0.606 chs. (40 ft.) dist. perpendicular to the centerline of Jacks Valley Road for the intersect point determined in the 1985 resurvey.</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;">WP T14N R19E <u>S23</u> S26 2007</p>
	<p>The 1985 corner monument established for this intersect point was found N. 21 1/2° E., 8.2 lks. dist., monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 16 ins. above a concrete slab, with aluminum cap mkd. as described in the field notes of the dependent resurvey of a portion of T. 14 N., R. 19 E., executed under Group No. 624. The concrete slab that this monument is set in is not described in the original record. It also supports the corner right-of-way fences extending S. and E. The cap of this monument is oriented 180° off of the prescribed method of setting cadastral survey corners. It has been disturbed and re-set in a concrete slab. It is not accepted as a careful and faithful perpetuation of the original corner monument.</p> <p>Cut off the aluminum monument flush with the concrete slab and bury the upper portion of the aluminum post and cap alongside the stainless steel post.</p>
23.119	<p>Centerline, Jacks Valley Road, paved, bears N. 2°04' E., and S. 2°04' W.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 14 N., R. 19 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
23.726	<p>The intersect point determined at 0.606 chs. (40 ft.) dist. perpendicular to the centerline of Jacks Valley Road in the 1985 resurvey, monumented with an aluminum post, 2 1/2 ins. diam., damaged by a trenching machine and all markings illegible.</p> <p>At the corner point</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;">WP T14N R19E <u>S23</u> S26 2007</p> <p>Deposit the aluminum post alongside the stainless steel post.</p>
23.81	Fence, bears N. and W.
24.10	Trail road, on curve, bears S. and NNW.
39.903	<p>The cor. of secs. 22, 23, 26 and 27, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with aluminum cap mkd. as described in the field notes of the dependent resurvey of a portion of T. 14 N., R. 19 E., executed under Group No. 624.</p> <p>Cor. is located 2 lks. NW of the corner of fences extending E., W. and S.</p> <hr/> <p style="text-align: center;">DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION-OF-SECTION LINES OF SECTION 3, T. 14 N., R. 19 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p style="text-align: center;">Reestablishment of a Portion of the Subdivision Executed by Cadastral Surveyor R.E. Williams in 1985</p> <hr/> <p>From the center 1/4 sec. cor. of sec. 3, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above a collar of stone, with aluminum cap mkd. as described in the field notes of the subdivision of section 3, T. 14 N., R. 19 E., executed under Group No. 624.</p> <p>Added the marks 2006 to the aluminum cap.</p> <p>S. 89°13'40" W., on the E-W center line of sec. 3.</p> <p>Over rolling land, covered with medium Jeffery Pine, scattered sagebrush, bitterbrush and native grass.</p>
20.161	<p>The center W 1/16 sec. cor. sec. 3, determined by person(s) unknown, monumented with a rebar, 5/8 in. diam., firmly set 7 ins. below the surface. This is accepted as the best available evidence of the 1985 corner position.</p>

DEPENDENT RESURVEY OF A PORTION OF THE
SUDIVISION-OF-SECTION LINES OF SECTION 3,
T. 14 N., R. 19 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p>	<p>At the corner point</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> $\begin{array}{c} W \ 1/16 \\ C \text{---} \text{---} \text{---} C \\ S \ 3 \end{array}$ <p>2007</p> <p>Deposit the rebar alongside the stainless steel post.</p> <p>Cor. is located 2 lks. W. of fences extending N., S. and E.</p> <p>From this corner, a rebar, 5/8 in. diam., with aluminum cap mkd. NEV TRANS DEPT, bears S., 0.02 ch. dist. This position was not utilized during the course of this survey.</p> <hr/> <p>S. 89°13"40" W., beginning new measurement.</p>
<p>1.50</p>	<p>Trail road, 20 lks. wide, bears SE. and NW.</p>
<p>20.161</p>	<p>The 1/4 sec. cor. of secs. 3 and 4, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with aluminum cap mkd. as described in the field notes of the dependent resurvey of T. 14 N., R. 19 E., executed under Group No. 624.</p> <p>Added the marks 2006 to the aluminum cap.</p> <hr/>
<p>GENERAL DESCRIPTION</p>	
<p>The land resurveyed within T. 14 N., R. 19 E., is nearly level in the Jacks Valley and along the Carson River to mountainous in the western and northern portions and varies in elevation from about 4650 to 5600 feet above sea level. The soil is sandy to rocky and sandy clay loam in the valley floors. The vegetation consists of willows and cottonwood trees along the Carson River and the sloughs; native grass in the pastures in the valley bottoms; and bitterbrush, buckbrush, and rabbitbrush in the rolling and mountainous land. Drainage is provided by the Carson River. The mountainous lands in the northern part or the township have dense stands of Jeffery Pine.</p>	
<p>Access is provided by Jacks Valley Road and numerous paved and dirt roads.</p>	
<p>The use of the land varies from residential subdivisions to ranches to pastures in the level parts of the valley.</p>	
<p>No mineral formations of any consequences were noted during the course of the survey.</p> <hr/>	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Kane M. Hellebust

Survey Trainee (Land Surveyor)

Michelle E. Martin

Supervisory 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 25th day of October, 2004, I have dependently resurveyed a portion of the east boundary, a portion of the subdivisional lines and a portion of the subdivision-of-section lines of section 3, Township 14 North, Range 19 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 19, 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 east boundary, a portion of the subdivisional lines and a portion of the subdivision-of-section lines of section 3, Township 14 North, Range 19 East, Mount Diablo Meridian, Nevada, executed by Don R. Aschenbach, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

April 19, 2007

(Date)

David D. Moran
(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 14 N., R. 19 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~_____~~
(Date)

~~_____~~
(Chief Cadastral Surveyor, Nevada)