

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 31,
TOWNSHIP 24 SOUTH, RANGE 59 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

Brandon G. Courtright, Cadastral Surveyor

Under Special Instructions dated December 1, 2015,
and approved December 1, 2015,
which provided for the surveys included under Group No. 954,
and Assignment Instructions dated December 1, 2015.

Survey commenced December 3, 2015

Survey completed December 6, 2015

INDEX DIAGRAM

TOWNSHIP 24 SOUTH, RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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TOWNSHIP 24 SOUTH, RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those providing for the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 31, Township 24 South, Range 59 East, Mount Diablo Meridian, Nevada.

The Sixth Standard Parallel South, through Ranges 58 and 59 East, the east, west and north boundaries, and the subdivisional lines were surveyed by U.S. Deputy Surveyors J.M. Brunt and W.H. Proctor in 1881 under Contract No. 115. The Sixth Standard Parallel South, through a portion of Range 59 East was dependently resurveyed by Cadastral Surveyor R.E. Williams in 1992-96 under Group No. 702. A portion of the west boundary was dependently resurveyed by Cadastral Surveyor J.J. Johnson in 2012-14 under Group No. 887. Portions of the west boundary were dependently resurveyed by Professional Land Surveyor B.D. Hatter, Cadastral Surveyor B.R. Clifford and Surveying Technician M.G. Petrosine in 2010-21, under Contract No. L06PC05105, Group No. 887.

The Sixth Standard Parallel South through portions of Ranges 58 and 59 East was dependently resurveyed by Cadastral Surveyor B.G. Courtright concurrently under this same Group.

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. 954, dated December 1, 2015.

Measurements were made with Trimble R8 and 5800 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 (2011) (Epoch:2010.0000) geographic position of the following corners were determined by GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DJ8973 NVBM BERMUDA CORS ARP, DK6417 P621 MOUNTPASS CS2005 CORS ARP, and DI4038 NVPO MT. POTOSI CORS ARP, and carried forward by RTK observations, is as follows:

The standard corner of sections 31 and 32:

Latitude: 35°48'32.916" N. Longitude: 115°23'43.334" W.

The corner of sections 25, 30, 31 and 36, on the west boundary of the township:

Latitude: 35°49'26.251" N. Longitude: 115°24'47.844" W.

TOWNSHIP 24 SOUTH, RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The December 3, 2015 mean magnetic declination was determined to be 11°57'E., as obtained from the National Oceanic and Atmospheric Administration's National Centers for Environmental Information declination calculator.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 24 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors J.M. Brunt and W.H. Proctor in 1881</p> <hr/> <p>From the standard cor. of secs. 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 the Sixth Standard Parallel South, through a portion of R. 59 E., executed concurrently under this same Group, and with a mound of stone, 3 ft. diam., 2 ft. high, N. of cor.</p> <p>N. 0°19'50" W., bet. secs. 31 and 32.</p> <p>12.55 Wash, 60 lks. wide, drains S. 50° E.</p> <p>29.50 Nevada State Route No. 161, asphalt surface, 30 lks. wide, bears S. 60° E. and N. 60° W.</p> <p>40.512 The 1/4 sec. cor. of secs. 31 and 32, perpetuated by person(s) unknown, monumented with a rebar, 5/8 in. diam., 18 ins. long, firmly set, projecting 3 ins. above the ground, with unmarked aluminum cap, and a sandstone, 17x12x8 ins. (Record: limestone, 18x15x7 ins.), mkd. 1/4 on a face, lying loose alongside, within a mound of stone, 2 1/2 ft. diam., 1 ft. high. This is accepted as a careful and faithful perpetuation of the position of the original 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, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T24S R59E 1/4 S31 S32</p> <p style="text-align: center;">2015</p> <p>Insert the rebar within and bury the mkd. stone alongside the stainless steel post.</p> <hr/>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 24 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	N. 0°11'10" E., beginning new measurement.						
1.65	Dirt road, 12 lks. wide, bears S. 55° E. and N. 55° W.						
1.80	Power line, bears S. 55° E. and N. 55° W.						
20.15	Dirt road, 12 lks. wide, bears S. 55° E. and N. 55° W.						
20.30	Power line, bears S. 55° E. and N. 55° W.						
40.429	<p>The cor. of secs. 29, 30, 31 and 32, monumented with a limestone, 12x11x6 ins. (Record: 16x14x9 ins.), firmly set, flush in a mound of stone, 3 ft. diam., 1 1/2 ft. high, mkd. with 5 notches on E. edge, with a rebar set by person(s) unknown, 5/8 in. diam., 18 ins. long, firmly set alongside, flush with the surface of the ground, with unmarked aluminum cap.</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, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T24S R59E</p> <table> <tr> <td>S30</td> <td>S29</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td>S31</td> <td>S32</td> </tr> </table> <p>2015</p> </div> <p>Bury the rebar and the mkd. stone alongside the stainless steel post.</p> <hr/> <p>WEST, bet. secs. 30 and 31.</p>	S30	S29	<hr/>		S31	S32
S30	S29						
<hr/>							
S31	S32						
30.50	Power line, bears S. 55° E. and N. 55° W.						
30.55	Dirt road, 12 lks. wide, bears S. 55° E. and N. 55° W.						
40.450	<p>The 1/4 sec. cor. of secs. 30 and 31, perpetuated by person(s) unknown, monumented with a rebar, 5/8 in. diam., 12 ins. long, firmly set, projecting 3 ins. above the ground, with unmarked aluminum cap, and a limestone, 15x9x3 ins. (Record: 17x11x6 ins.), mkd. 1/4 on a face, lying loose alongside, within an embedded mound of stone, 3 ft. diam. This is accepted as a careful and faithful perpetuation of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 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>						

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 24 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p style="text-align: center;">T24S R59E S30 1/4 — S31 2015</p> <p>Insert the rebar within the stainless steel post and bury the mkd. stone within the mound of stone alongside the stainless steel post.</p> <hr/> <p>N. 88°52'20" W., beginning new measurement.</p> <p>10.55 Power line, bears S. 55° E. and N. 55° W.</p> <p>10.75 Dirt road, 12 lks. wide, bears S. 55° E. and N. 55° W.</p> <p>32.20 Trail road, 10 lks. wide, bear N. 75° E. and S. 75° W.</p> <p>39.962 The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. as described in the field notes of the 2012-14 dependent resurvey of a portion of the E. bdy., T. 24 S., R. 58 E., executed under Contract No. L06PC05105, Group No. 887, with a steel fence post set alongside.</p> <p>Corner located beneath power line, bears N. and S.</p> <hr/> <p style="text-align: center;">SUBDIVISION OF SECTION 31, T. 24 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>From the standard 1/4 sec. cor. of sec. 31, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, and in a collar of stone, with brass cap mkd. as described in the field notes of the dependent resurvey of the Sixth Standard Parallel South, through a portion of R. 59 E., executed concurrently under this same Group.</p> <p>N. 0°01'40" W., on the N-S center line of sec. 31.</p> <p>40.579 Point for the center 1/4 sec. cor. of sec. 31, 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;">T24S R59E C 1/4 S31 2015</p> <p>50.95 Nevada State Route No. 161, asphalt surface, 30 lks. wide, bears S. 60° E. and N. 60° W.</p>
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SUBDIVISION OF SECTION 31,
T. 24 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
72.85	Dirt road, 12 lks. wide, bears S. 55° E. and N. 55° W.
73.00	Power line, bears S. 55° E. and N. 55° W.
80.861	The 1/4 sec. cor. of secs. 30 and 31.
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	From the 1/4 sec. cor. of secs. 31 and 32.
	N. 89°47'20" W., on the E-W center line of sec. 31.
20.80	Nevada State Route No. 161, asphalt surface, 30 lks. wide, bears S. 60° E. and N. 60° W.
40.303	The center 1/4 sec. cor. of sec. 31.
80.521	The 1/4 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush in a mound of stone, 3 ft. diam., 1/2 ft. high, with brass cap mkd. as described in the field notes of the 2010-21 dependent resurvey of portions of the E. bdy., T. 24 S., R. 58 E., executed under Contract No. L06PC05105, Group No. 887.
	Corner located beneath power line, bears N. and S.
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	GENERAL DESCRIPTION
	The lands included in the survey are located in Clark County, Nevada, approximately 4 miles northwest of the community of Jean, Nevada. Access is gained by way of Nevada State Route 161. The average elevation of the area is 3300 feet.
	The area is composed of level ground broken by washes and ridges. Vegetation is composed of various cacti, creosote and sparse grass.
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Christopher S. Bourgoine

Supervisory Range Technician

CERTIFICATE OF SURVEY

I, Brandon G. Courtright, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of December, 2015, I have dependently resurveyed a portion of the subdivisional lines, and subdivided section 31, Township 24 South, Range 59 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.

AUG 03 2022

(Date)

Brandon G. Courtright

/For Brandon G. Courtright
(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 31, Township 24 South, Range 59 East, of the Mount Diablo Meridian, Nevada, executed by Brandon G. Courtright, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

AUG 03 2022

(Date)

Brandon G. Courtright

(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 24 South, Range 59 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

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