

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 6,
TOWNSHIP 16 NORTH, RANGE 28 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

Brandon K. Grace, Supervisory Cadastral Surveyor

Robert S. Hollis, Surveying Technician

Under Special Instructions dated February 7, 2024,

and approved February 7, 2024,

which provided for the surveys included under Group No. 1012,

and Assignment Instructions dated February 7, 2024.

Survey commenced February 11, 2024

Survey completed February 14, 2024

INDEX DIAGRAM

TOWNSHIP 16 NORTH, RANGE 28 EAST, MOUNT DIABLO MERIDIAN, NEVADA

6 4 2	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision of Section 6 p. 5

T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of Section 6, Township 16 North, Range 28 East, Mount Diablo Meridian, Nevada.</p> <p>1868 - A portion of the north boundary was surveyed by E.B. Monroe, U.S. Deputy Surveyor, under Contract No. 10.</p> <p>1881 - A Portion of the north boundary was resurveyed, and portions of the north, east and west boundaries and subdivisional lines were surveyed by M.F. Reilly and T.A. Magee, U.S. Deputy Surveyors, under Contract No. 108.</p> <p>1905 - The Third Standard Parallel North, through Range 28 East, was surveyed by T.K. Stewart, U.S. Deputy Surveyor, under Contract No. 236.</p> <p>1937 - The Third Standard Parallel North, through a portion of Range 28 East, was independently resurveyed by J.W. Hardison, Public Land Surveyor, under Group No. 181.</p> <p>1967 - Portions of the west boundary and subdivisional lines were dependently resurveyed, and a portion of the west boundary was surveyed by J.D. Sorensen, Cadastral Surveyor, under Group No. 447.</p> <p>1990-91 - A portion of the north boundary was dependently resurveyed by T.B. O'Toole, Cadastral Surveyor, under Group No. 694.</p> <p>1996 - Portions of the subdivisional lines and Mineral Survey No. 5123 was dependently resurveyed, and a portion of the east boundary was surveyed by R.E. Williams, Cadastral Surveyor, under Group No. 759.</p> <p>1996-98 - Portions of the north and east boundaries and subdivisional lines were dependently resurveyed, and a portion of the north and east boundaries were surveyed by B.R. Clifford and T.E. Casinger, Cadastral Surveyors, under Group No. 763.</p> <p>2024 - A portion of the west boundary was dependently resurveyed by K.R. Totten, Cadastral Surveyor, under Group No. 1005.</p> <p>Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for any evidence of the position 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> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 2009</u>, and the <u>Special Instructions for Group No. 1012</u>, dated February 7, 2024.</p>
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T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Measurements were made with Trimble R-12 Global Navigation Satellite System (GNSS) 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.</p> <p>The NAD 83(2011) (EPOCH:2010.0000) geographic position, of the following corners, was determined from Global Positioning System (GPS) static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DG6525 COF1 FERNLEY COOP CORS ARP, DN4181 P143 INDIANCRK CN2007 CORS GRP, AI8816 UPSA UPSA BRGN NV1997 ECCREF DIMPLE, DE6260 STEA STEAD COOP CORS ARP, and DE6254 RNO1 NW RENO COOP CORS ARP, and carried forward by RTK observations.</p> <p>The corner of sections 5, 6, 7 and 8, is as follows:</p> <p>Latitude: 39°16'15.204" N. Longitude: 118°52'32.888" W.</p> <p>The 1/4 section corner of section 6, on the west boundary of the township, is as follows:</p> <p>Latitude: 39°16'41.465" N. Longitude: 118°53'39.915" W.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Survey Executed by M.F. Reilly and T.A. Magee, U.S. Deputy Surveyors, in 1881</p> <hr/> <p>Beginning at the point for the cor. of secs. 5, 6, 7 and 8, at proportionate distance; there is no remaining evidence of the original corner.</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, in a collar of stone, with brass cap mkd.</p> <div><div>T16N R28E</div><div>S 6 S 5</div><div><div></div><div>S 7 S 8</div></div></div> <p>2024</p> <p>From this point, the 1/4 sec. cor. of secs. 5 and 8, bears S. 88°34'40" E., 39.887 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the field notes of the 1996 dependent resurvey of a portion of the subdivisional lines, T. 16 N., R. 28 E., executed under Group No. 763, with a mound of stone, 2 ft. diam., 1/2 ft. high, W. of the cor.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>From this same point, the 1/4 sec. cor. of secs. 7 and 8, bears S. 0°30'10" E., 40.081 chs. dist., monumented with a basalt stone, 13x12x10 ins. (Record, 24x16x8 ins.), loosely set, projecting 12 ins. above the ground, mkd. with a faint 1/4 on S. face.</p> <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> <p style="text-align: center;">T16N R28E 1/4 S 7 S 8</p> <p style="text-align: center;">2024</p> <p>Bury the mkd. stone alongside the stainless steel post.</p> <p>From this cor., a concrete obelisk marking the Pony Express Trail, 5 1/2 x 5 1/2 ins. at ground level, firmly set, projecting 4 1/2 ft. above the ground, bears N. 58°32'30" E., 4.302 chs. dist.</p> <p>S. 89°43'30" W., bet. secs. 6 and 7.</p> <p>1.50 Gulch, 5 lks. wide, drains N. 75° E.</p> <p>11.40 Gulch, 8 lks. wide, drains N. 16° E.</p> <p>19.50 Gulch, 12 lks. wide, drains N. 20° E.</p> <p>39.935 The 1/4 sec. cor. of secs. 6 and 7, monumented with a basalt stone, 11x6x3 ins. (Record, granite stone, 16x8x6 ins.), lying loose in a scattered mound of stone, mkd. 1/4 on a face.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over a plastic-encased magnet, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T16N R28E S 6 1/4 ——— S 7</p> <p style="text-align: center;">2024</p> <p>Bury the mkd. stone alongside the stainless steel post.</p> <hr style="width: 20%; margin-left: 0;"/> <p>N. 89°41'30" W., beginning new measurement.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
39.729	The cor. of secs. 6 and 7, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. as described in the field notes of the 1967 dependent resurvey of the fractional W. bdy., T. 16 N., R. 28 E., executed under Group No. 447, with a mound of stone, 3 ft. diam., 1 ft. high, E. of cor.
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	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°37'20" W., bet. secs. 5 and 6.
0.70	Gulch, 6 lks. wide, drains E.
39.00	Small spur, slopes N. 60° W., on the W. slope of the northerly point of a ridge, bears S. 16° E.
40.082	The 1/4 sec. cor. of secs. 5 and 6, monumented with a basalt stone, 8x5x3 ins. (Record, 10x8x4 ins.), lying loose with two other stones, mkd. 1/4 on a face.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, over a plastic-encased magnet, in a collar of stone, with brass cap mkd.
	T16N R28E 1/4 S 6 S 5
	2024
	Bury the mkd. stone alongside the stainless steel post.
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	N. 0°01'00" E., beginning new measurement.
4.50	Gulch, 15 lks. wide, drains N. 65° E.
9.00	Spur, slopes N. 75° E.
10.10	Gulch, 9 lks. wide, drains N. 60° E.
12.20	Spur, slopes E.
19.30	Dirt road known as Simpson Road, 17 lks. wide, bears N. 64° E. and S. 64° W.
22.90	Enter series of small washes, generally drains N. 70° E.
24.10	Leave washes.
40.021	The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. as described in the field notes of the 1990-91 dependent resurvey of a portion of the S. bdy., T. 17 N., R. 28 E., executed under Group No. 694.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>Cor. located under a barbed wire fence, bears E. and W.</p> <hr/> <p style="text-align: center;">SUBDIVISION OF SECTION 6, T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>From the 1/4 sec. cor. of secs. 6 and 7.</p> <p>N. 0°25'00" W., on the N-S center line of sec. 6.</p> <p>37.80 Dirt road known as Simpson Road, 17 lks. wide, bears N. 63° E. and S. 63° W.</p> <p>40.366 Point for the center 1/4 sec. cor. of sec. 6, 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;">T16N R28E C 1/4 S6</p> <p style="text-align: center;">2024</p> <p>From this point, a wood post, of unknown origin, 4x4 ins., firmly set, projecting 5 ins. above the ground, no mks., bears S. 13°27'50" E., 3.461 chs. dist.</p> <p>80.515 The 1/4 sec. cor. of secs. 6 and 31, on the N. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, in a collar of stone, with brass cap mkd. as described in the field notes of the 1990-91 dependent resurvey of a portion of the S. bdy., T. 17 N., R. 28 E., executed under Group No. 694.</p> <p>Cor. is located 1 lk. N. of a barbed wire fence, bears E. and W.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 5 and 6.</p> <p>N. 89°51'50" W., on the E-W center line of sec. 6.</p> <p>33.80 Dirt road known as Simpson Road, 17 lks. wide, bears N. 75° E. and S. 75° W.</p> <p>39.790 The center 1/4 sec. cor. of sec. 6.</p> <p>79.441 The 1/4 sec. cor. of sec. 6, only, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set projecting 5 ins. above the ground, with brass cap mkd. as described in the field notes of the 1967 dependent resurvey of the fractional W. bdy., T. 16 N., R. 28 E., executed under Group No. 447, with a mound of stone, 3 ft. diam., 1 ft. high, E. of cor.</p> <hr/>

TOWNSHIP 16 NORTH, RANGE 28 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	GENERAL DESCRIPTION
	<p>The area surveyed is located south of Fallon, Nevada and is situated on the transition of the northern slope of the Desert Mountains with the Lahontan Valley. The terrain mostly consists of small spurs and ravines draining to the northeast. Soil varies from sand to alkali. Vegetation consists of shadscale, Russian thistle and sparse grasses with some areas completely void of vegetation. The Pony Express Trail traverses through the northerly part of the township, bearing southeast and northwest. The average elevation is approximately 4,000 ft. above sea level.</p> <hr/>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Jeremy J. Oster	Forestry Technician
Vincenzo C. Tartaglia	Forestry Technician

CERTIFICATE OF SURVEY

We, Brandon K. Grace, Supervisory Cadastral Surveyor, and Robert S. Hollis, Surveying Technician, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing the date of the 7th day of February, 2024, we have dependently resurveyed a portion of the subdivisional lines, and subdivided Section 6, Township 16 North, Range 28 East, of the Mount Diablo Meridian, in the State of Nevada, which are represented in the foregoing field notes as having been executed by us and under our 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.

DEC 19 2024

(Date)

DEC 19 2024

(Date)

Brandon K. Grace

(Supervisory Cadastral Surveyor)

R S Hollis

(Surveying Technician)

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 6, Township 16 North, Range 28 East, of the Mount Diablo Meridian, Nevada, executed by Brandon K. Grace, Supervisory Cadastral Surveyor, and Robert S. Hollis, Surveying Technician, having been critically examined and found correct, are hereby approved.

DEC 19 2024

(Date)

Clarence D. Strickland

(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 16 North, Range 28 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

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