UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

THE SIXTH STANDARD PARALLEL SOUTH, THROUGH PORTIONS OF RANGES 58 AND 59 EAST,

AND A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 6,

TOWNSHIP 25 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 25 SOUTH, RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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TOWNSHIP 25 SOUTH, RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those providing for the dependent resurvey of the Sixth Standard Parallel South, through portions of Ranges 58 and 59 East, and a portion of the subdivisional lines, and the subdivision of section 6, Township 25 South, Range 59 East, Mount Diablo Meridian, Nevada.

The Sixth Standard Parallel South, through Ranges 58 and 59 East, was surveyed by U.S. Deputy Surveyors J.M. Brunt and W.H. Proctor in 1881 under Contract No. 115. The south, east and west boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyor T.A. Magee in 1883 under Contract No. 149. The Sixth Standard Parallel South, through a portion of Range 59 East, a portion of the south boundary, and the east boundary were dependently resurveyed by Cadastral Surveyor R.E. Williams in 1992-96 under Group No. 702. A portion of the south boundary and a portion of the subdivisional lines were dependently resurveyed by Cadastral Surveyor R.A. Zaninovich in 2001 under Group No. 797. The Sixth Standard Parallel South, through R. 58 E. was 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 west boundary was dependently resurveyed by Professional Land Surveyor B.D. Hatter and Cadastral Surveyor B.G. Courtright in 2010-21 under Contract No. L06PC05105, Group No. 891.

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 $\underline{\text{Manual of Surveying Instructions, 2009}}$, 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, DI4038 NVPO MT. POTOSI CORS ARP, and carried forward by RTK observations, is as follows:

The corner of sections 5, 6, 7 and 8:

Latitude: 35°47'40.085" N. Longitude: 115°23'50.327" W.

TOWNSHIP 25 SOUTH, RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The standard 1/4 section corner of section 36, T. 24 S., R. 58 E.:

Latitude: 35°48'32.921" N. Longitude: 115°25'20.643" W.

The December 3, 2015 mean magnetic declination was determined to be $11^{\circ}57$ 'E., as obtained from the National Oceanic and Atmospheric Administration's National Centers for Environmental Information declination calculator.

DEPENDENT RESURVEY OF THE SIXTH STANDARD PARALLEL SOUTH,
THROUGH A PORTION OF RANGE 59 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors J.M. Brunt and W.H. Proctor in 1881

From the standard cor. of secs. 31 and 32, T. 24 S., R. 59 E., perpetuated by person(s) unknown, recovered by Byron E. Johnson, Professional Land Surveyor No. 9390, in 2002, monumented with a rebar, 5/8 in. diam., 12 ins. long, firmly set, flush with the surface of the ground, with unmarked aluminum cap, and a limestone, 16x10x8 ins. (Record: 17x12x11 ins.), mkd. with 5 notches on E. edge, firmly set alongside, within a mound of stone, 3 ft. diam., 1 ft. high, as recorded in Clark County, Nevada, File No. 122, Page 87 of Surveys. This is accepted as a careful and faithful perpetuation of the position of the original corner.

At the corner point

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.

SC T24S R59E S31 S32 S5 T25S R59E

2015

Insert the rebar within and bury the mkd. stone alongside the stainless steel post, and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

N. 89°53'10" W., on the S. bdy. of sec. 31.

8.545

The closing cor. of secs. 5 and 6, T. 25 S., R. 59 E., hereinafter described.

DEPENDENT RESURVEY OF THE SIXTH STANDARD PARALLEL SOUTH, THROUGH A PORTION OF RANGE 59 EAST, MOUNT DIABLO MERIDIAN, NEVADA

	MOUNT DIABLO MERIDIAN, NEVADA		
CHAINS 40.521	The standard 1/4 sec. cor. of sec. 31, T. 24 S., R. 59 E., perpetuated by Joseph P. Fielding, Nevada Professional Land Surveyor No. 6199, in 1991, monumented with a rebar, 5/8 in. diam., 18 ins. long, firmly set, flush with the surface of the ground, with unmarked aluminum cap, and a sandstone, 16x8x5 ins. (Record: limestone, 15x9x7 ins.), firmly set alongside, projecting 12 ins. above an embedded mound of stone, 2 ft. diam., mkd. 1/4 on E. face, as recorded in Clark County, Nevada, File No. 60, Page 95 of Surveys.		
	At the corner point		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.		
	SC T24S R59E 1/4 S31		
	T25S R59E		
	2015		
	Insert the rebar within the stainless steel post and bury the stone alongside.		
-	From this point, a rebar, 5/8 in. diam., loosely set by person(s) unknown, projecting 3 ins. above the ground, bears S. 17°20' W., 0.157 chs. dist. This rebar was not utilized during the course of this survey.		
	S. 89°43'50" W., beginning new measurement.		
9.004	The 1/4 sec. cor. of sec. 6 only, T. 25 S., R. 59 E., hereinafter described.		
24.95	Chain link fence, 6 ft. high, with three strands of barbed wire on top, bears S. 35° E. and N. 35° W. Enter Goodsprings Compressor Station and Goodsprings Energy Recovery Station.		
39.85	Chain link fence, 6 ft. high, with three strands of barbed wire on top, bears S. 1° E. and N. 1° W. Leave Goodsprings Compressor Station and Goodsprings Energy Recovery Station.		
40.480	The standard cor. of Tps. 24 S., Rs. 58 and 59 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, and in a collar of stone, with brass cap mkd. as described in the field notes of the 2010-21 dependent resurvey of the Sixth Standard Parallel South, through R. 58 E., executed under Contract No. L06PC05105, Group No. 887.		
	From this point, a rebar, 5/8 in. diam., firmly set by person(s) unknown, projecting 3 ins. above the ground, bears N. 55°44' E., 0.069 chs. dist. This rebar was not utilized during the course of this survey.		

DEPENDENT RESURVEY OF THE SIXTH STANDARD PARALLEL SOUTH,
THROUGH A PORTION OF RANGE 59 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

	MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	From this same point, a rebar, 5/8 in. diam., loosely set by person(s) unknown, projecting 3 ins. above the ground, bears N. 69°01' W., 0.073 chs. dist. This rebar was not utilized during the course of this survey.
:	DEPENDENT RESURVEY OF THE SIXTH STANDARD PARALLEL SOUTH, THROUGH A PORTION OF RANGE 58 EAST, MOUNT DIABLO MERIDIAN, NEVADA
	Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors J.W. Brunt and W.H. Proctor in 1881, and a Portion of the Dependent Resurvey Executed by Professional Land Surveyor B.D. Hatter, Cadastral Surveyor B.R. Clifford and Surveying Technician M.G. Petrosine in 2010-21
	From the standard cor. of Tps. 24 S., Rs. 58 and 59 E., hereinbefore described.
	N. 89°50'00" W., on the S. bdy. of sec. 36.
5.20	Wash, drains SE.
6.350	The closing cor. of Tps. 25 S., Rs. 58 and 59 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 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 E. bdy., T. 25 S., R. 58 E., executed under Contract No. L06PC05105, Group No. 891.
40.462	The standard 1/4 sec. cor. of sec. 36, T. 24 S., R. 58 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush in a mound of stone, 4 ft. diam., 1/2 ft. high, with brass cap mkd. as described in the field notes of the 2010-21 dependent resurvey of the Sixth Standard Parallel South, through R. 58 E., executed under Contract No. L06PC05105, Group No. 887.
	DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 25 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA
	Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyor T.A. Magee in 1883
	From the cor. of secs. 5, 6, 7 and 8, perpetuated by Byron E. Johnson, Professional Land Surveyor No. 9390, in 2002, monumented with a rebar, 5/8 in. diam., 12 ins. long, firmly set, flush with the surface of the ground, with aluminum cap mkd. B JOHNSON PLS9390, and a volcanic stone, 13x8x6 ins. (Record: limestone, 16x9x8 ins.), mkd. with 5 notches on two
	edges, lying loose alongside, within a mound of stone, 4 ft. diam., 1 1/2 ft. high, as recorded in Clark County, Nevada, File No. 122, Page 87 of Surveys.
	At the corner point

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 25 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.	
·	T25S R59E S 6 S 5	
	S 7 S 8	
a e	2015	
	Insert the rebar within and bury the mkd. stone alongside the stainless steel post, and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.	
·	S. 89°58'10" W., bet. secs. 6 and 7.	
20.40	Barbed wire fence, bears N. 45° E. and S. 45° W.	
20.55	Dirt road, 12 lks. wide, bears N. 45° E. and S. 45° W.	
28.30	Foot of ridge, bears S. 15° E. and N. 15° W.	
38.297	Mound of stone, 2 1/2 ft. diam., 1 ft. high, set by person(s) unknown.	
38.50	Top of ridge, slopes S. 15° E.	
38.818	The 1/4 sec. cor. of secs. 6 and 7, monumented with a limestone, 16x11x10 ins. (Record: 14x12x7 ins.), lying loose in a mound of stone, 3 ft. diam., 1 ft. high, faintly mkd. 1/4 on a face.	
	At the corner point	
	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, 3 1/2 ft. base, to top, with brass cap mkd.	
	T25S R59E	
	S 6 1/4 —	
	s 7	
	2015	
	Bury the mkd. stone in the mound of stone, alongside the stainless steel post.	
	N. 89°23'00" W., beginning new measurement.	
20.00	Foot of ridge, bears S. 35° E. and N. 35° W.	
24.55	Gravel road, 15 lks. wide, bears S. 30° E. and N. 30° W.	
37.40	Foot of hills, bears S. 20° E. and N. 20° W.	
1		

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 25 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS 40.320	The cor. of secs. 1, 6, 7 and 12, 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 1/2 ft. diam., 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy., T. 25 S., R. 58 E., executed under Contract No. L06PC05105, Group No. 891.
	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°07'50" E., bet. secs. 5 and 6.
19.876	Point for the S 1/16 sec. cor. of secs. 5 and 6.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	S 1/16 S 6 S 5
	2015
20.75	Barbed wire fence, bears N. 45° E. and S. 45° W.
20.85	Dirt road, 12 lks. wide, bears N. 45° E. and S. 45° W.
39.752	Point for the 1/4 sec. cor. of secs. 5 and 6, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T25S R59E
	1/4 S 6 S 5
	2015
	Point located in small wash, 15 lks. wide, drains S. 40° E.
80.897	The original closing cor. of secs. 5 and 6, determined by Byron E. Johnson, Nevada Professional Land Surveyor No. 9390, in 2002, monumented with a rebar, 5/8 in. diam., firmly set, flush with the surface of the ground, with aluminum cap mkd. B JOHNSON PLS9390, beneath an unmarked volcanic stone, 15x8x7 ins. (Record, limestone, 22x17x14 ins.), lying loose in a mound of stone, 2 1/2 ft. diam., 1/2 ft. high, as recorded in Clark County, Nevada, File No. 122, Page 87 of Surveys. This is accepted as a careful and faithful determination of the position of the original corner. This monument now becomes an amended monument.
80.972	Intersect the Sixth Standard Parallel South.
	Point for the closing cor. of secs. 5 and 6.
1	

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 25 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

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.

T24S R59E S31 S 6 S 5 T25S R59E CC

2015

From this point, the standard cor. of secs. 31 and 32, T. 24 S., R. 59 E., hereinbefore described, bears S. 89°53'10" E., 8.545 chs. dist.

The point for the 1/4 sec. cor. of sec. 6 only, T. 25 S., R. 59 E., is on the Sixth Standard Parallel South and at proportional distance on the N. bdy. of sec. 6.

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.

T24S R59E

1/4 S 6
T25S R59E

2015

From this point, the standard 1/4 sec. cor. of sec. 31, T. 24 S., R. 59 E., hereinbefore described, bears N. 89°43'50" E., 9.004 chs. dist.

SUBDIVISION OF SECTION 6, T. 25 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

From the 1/4 sec. cor. of secs. 6 and 7.

N. 1°24'20" W., on the N-S center line of sec. 6.

20.046 | Point for the center S 1/16 sec. cor. of 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.

S 1/16 | S 6

2015

SUBDIVISION OF SECTION 6, T. 25 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 25 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS 34.50	Foot of ridge, bears S. 25° E. and N. 25° W.
40.092	Point for the center 1/4 sec. cor. of sec. 6, at intersection with the E-W center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.
	T25S R59E C 1/4 S 6
	2015
81.038	The 1/4 sec. cor. of sec. 6 only, on the N. bdy. of the Tp.
	From the 1/4 sec. cor. of secs. 5 and 6.
	N. 89°33'30" W., on the E-W center line of sec. 6.
39.888	The center 1/4 sec. cor. of sec. 6.
50.95	Dirt road, 15 lks. wide, bears N. 40° E. and S. 40° W.
76.50	Gravel road, 15 lks. wide, bears S. 20° E. and N. 20° W.
78.967	The 1/4 sec. cor. of secs. 1 and 6, 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 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy., T. 25 S., R. 58 E., executed under Contract No. L06PC05105, Group No. 891.
	From the S 1/16 sec. cor. of secs. 5 and 6.
	N. 89°47'30" W., on the E-W center line of the SE 1/4 of sec. 6.
39.353	The C-S 1/16 sec. cor. of sec. 6.
	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 the Sixth Standard Parallel South, through portions of Ranges 58 and 59 East, and a portion of the subdivisional lines, and subdivided section 6, Township 25 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 0 3 2022

(Date)

/For Brandon G. Courtright

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Reno, Nevada

The foregoing field notes of the dependent resurvey of the Sixth Standard Parallel South, through portions of Ranges 58 and 59 East, and a portion of the subdivisional lines, and the subdivision of section 6, Township 25 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 0 3 2022

(Date)

(Chief Cadastral Surveyor for Negrada)

CERTIFICAME OF TRANSCRIPT

I CERTIFY that the loregoing transcript of the field notes of the above described surveys in Township 25 South, Range 59 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.

(Data)

(Chief Codestrol Surveyor for Nevada)