UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE SURVEY OF

PORTIONS OF THE SOUTH, EAST AND NORTH BOUNDARIES

AND A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 12 NORTH, RANGE 55 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Brandon G. Courtright, Cadastral Surveyor

Under Special Instructions dated, July 25, 2017

and approved, July 25, 2017

and Amended Special Instructions dated, October 3, 2019

and approved, October 3, 2019

which provided for the surveys included under Group No. 974,

and Assignment Instructions dated, July 25, 2017.

Survey commenced July 27, 2017

Survey completed October 4, 2019

INDEX DIAGRAM

TOWNSHIP 12 NORTH, RANGE 55 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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TOWNSHIP 12 NORTH, RANGE 55 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those providing for the survey of portions of the south, east and north boundaries, and a portion of the subdivisional lines, Township 12 North, Range 55 East, Mount Diablo Meridian, Nevada.

The survey of a portion of the 2nd Standard Parallel North, through Rs. 52 and 53 E., was conducted by U.S. Surveyors C.S. Swanholm and R.C. Yundt under Group No. 97 in 1923-25. Nevada Protraction Diagram No. 123, Unit No. 61, for Tps. 11, 12, 13 and 13 1/2 N., Rs. 55 and 55 1/2 E. was approved February 1, 1963.

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. 974, dated July 25, 2017, and Amended Special Instructions dated October 3, 2019.

Measurements were made with Trimble R8 and R10 Global Positioning System (GPS) receivers using the real-time kinematic 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 into the field notes.

The NAD 1983 (2011) (Epoch:2010.0000) geographic position, of the following corners were determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS), DP2878 TONO TONO_BRGN_NV1999 CORS ARP, DL6904 NVSV SPRING VALLEY CORS ARP, and AI8817 ECHO ECHO_BRGN_NV1999 CORS ARP, and carried forward by RTK observations is as follows:

The corner of sections 3, 4, 33 and 34, on the south boundary of the township, is as follows:

Latitude: 38°49'30.774" N. Longitude: 115°48'01.045" W.

The corner of Tps. 12 and 13 N., Rs. 55 and 55 1/2 E., is as follows:

Latitude: 38°54'43.818" N. Longitude: 115°44'40.955" W.

The August 10, 2017 mean magnetic declination was determined to be 12°22'E., as obtained from the National Oceanic and Atmospheric Administration's National Centers for Environmental Information declination calculator.

SURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Beginning at the point for the cor. of Tps. 11 and 12 N., Rs. 55 and 55 1/2 E., determined at 1360.000 chs. in departure EAST and 480.000 chs. in latitude NORTH of the standard cor. of secs. 31 and 32, T. 11 N., R. 53 E. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd. T12N R55E | R55½E S36 | S31 ———|——— S 1 | S 6 T11N 2017 From this point, the standard cor. of secs. 31 and 32, T. 11 N., R. 53 E., bears S. 70°33'00" W., 1441.436 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above a mound of stone, 4 ft. diam., 4 ft. high, with brass cap mkd. as described in the field notes of the survey of a portion of the Second Standard Parallel North, R. 53 E., executed under Group No. 97, from which the original bearing tree A juniper, 20 ins. diam., bears N. 88°05' E., 321 lks. dist., with the marks T11N R53E S31 visible on a partially healed blaze. (Record N. 87 1/4 E.) WEST, bet. secs 1 and 36.
40.000	Point for the 1/4 sec. cor. of secs. 1 and 36. 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. T12N R55E S36 1/4 —— S 1 T11N 2017 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
80.000	Point for the cor. of secs. 1, 2, 35 and 36. 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.

SURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T12N R55E S35 | S36 ———|——— S 2 | S 1 T11N 2017
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	WEST, bet. secs. 2 and 35.
40.000	Point for the 1/4 sec. cor. of secs. 2 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to solid rock, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T12N R55E S35 1/4 —— S 2 T11N 2017
80.000	Point for the cor. of secs. 2, 3, 34 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd.
	T12N R55E S34 | S35 ———|——— S 3 | S 2 T11N 2017
	WEST, bet. secs. 3 and 34.
40.000	Point for the 1/4 sec. cor. of secs. 3 and 34.
	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.

SURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T12N R55E S34 1/4 —— S 3 T11N 2017
80.000	Point for the cor. of secs. 3, 4, 33 and 34. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. T12N R55E S33 | S34 ——— | ——— S 4 | S 3 T11N 2017

SURVEY OF A PORTION OF THE EAST BOUNDARY,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

From the point for the cor. of secs. 1, 6, 7 and 12, determined at 400.000 chs. in latitude NORTH of the cor. of Tps. 11 and 12 N., Rs. 55 and 55 1/2 E.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush in the ground, over a plastic-encased magnet, with brass cap mkd.

T12N
R55E R55½E
S 1 | S 6
——— | ———
S12 | S 7

2017

From this point, the cor. of Tps. 11 and 12 N., Rs. 55 and 55 1/2 E., bears SOUTH, 400.000 chs. dist., hereinbefore described.

NORTH, bet. secs. 1 and 6.

40.000 Point for the 1/4 sec. cor. of secs. 1 and 6.

SURVEY OF A PORTION OF THE EAST BOUNDARY,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. T12N 1/4 R55E | R55½E S 1 | S 6 2017
55.40	Dirt road, 15 lks. wide, bears N. 60° E. and S. 60° W.
80.000	Point for the cor. of Tps. 12 and 13 N., Rs. 55 and 55 1/2 E.
	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. T13N R55E | R55½E S36 | S31 S 1 | S 6 T12N 2017

SURVEY OF A PORTION OF THE NORTH BOUNDARY,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

	From the cor. of Tps. 12 and 13 N., Rs. 55 and 55 1/2 E., hereinbefore described.
	WEST, bet. secs. 1 and 36.
40.000	Point for the 1/4 sec. cor. of secs. 1 and 36.
	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. T13N R55E S36 1/4 S 1 T12N 2017
80.000	Point for the cor. of secs. 1, 2, 35 and 36.

SURVEY OF A PORTION OF THE NORTH BOUNDARY,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. T13N R55E S35 | S36 S 2 | S 1 T12N 2017
	WEST, bet. secs. 2 and 35.
40.000	Point for the 1/4 sec. cor. of secs. 2 and 35. 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. T13N R55E S35 1/4 S 2 T12N 2017
80.000	Point for the cor. of secs. 2, 3, 34 and 35. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush in the ground, over a plastic-encased magnet, with brass cap mkd. T13N R55E S34 | S35 S 3 | S 2 T12N 2017
	WEST, bet. secs. 3 and 34.
40.000	Point for the 1/4 sec. cor. of secs. 3 and 34. 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.

SURVEY OF A PORTION OF THE NORTH BOUNDARY,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T13N R55E S34 1/4 —— S 3 T12N 2017
80.000	Point for the cor. of secs. 3, 4, 33 and 34. 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. T13N R55E S33 | S34 ——— | ——— S 4 | S 3 T12N 2017

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

	From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., hereinbefore described. WEST, bet. secs. 1 and 12.
40.000	Point for the 1/4 sec. cor. of secs. 1 and 12. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. T12N R55E S 1 1/4 —— S12 2017
80.000	Point for the cor. of secs. 1, 2, 11 and 12. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T12N R55E S 2 | S 1 S11 | S12 2017
	From this point, the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., bears S. 0°00'40" E., 400.000 chs. dist., hereinbefore described.
	N. 0°00'40" W., bet. secs. 1 and 2.
7.80	Dirt road, 15 lks. wide, bears N. 75° E. and S. 75° W.
40.000	Point for the 1/4 sec. cor. of secs. 1 and 2.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12N R55E 1/4 S 2 | S 1 2017
80.000	The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., hereinbefore described.
	From the cor. of secs. 1, 2, 11 and 12.
	WEST, bet. secs. 2 and 11.
15.45	Dirt road, 15 lks. wide, bears N. 70° E. and S. 70° W.
40.000	Point for the 1/4 sec. cor. of secs. 2 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush in the ground, over a plastic-encased magnet, with brass cap mkd.
	T12N R55E S 2 1/4 —— S11 2017
80.000	Point for the cor. of secs. 2, 3, 10 and 11.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 12 N., R. 55 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. T12N R55E S 3 | S 2 ———|——— S10 | S11 2017 From this point, the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., bears S. 0°01'20" E., 400.000 chs. dist., hereinbefore described.
	N. 0°01'20" W., bet. secs. 2 and 3.
40.000	Point for the 1/4 sec. cor. of secs. 2 and 3. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. T12N R55E 1/4 S 3 | S 2 2017
80.000	The cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., hereinbefore described.
	From the cor. of secs. 2, 3, 10 and 11. WEST, bet. secs. 3 and 10.
40.000	Point for the 1/4 sec. cor. of secs. 3 and 10. 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. T12N R55E S 3 1/4 —— S10 2017
80.000	Point for the cor. of secs. 3, 4, 9 and 10.

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 12 N., R. 55 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. T12N R55E S 4 | S 3 S 9 | S10 2017 From this point, the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., bears S. 0°02'10" E., 400.000 chs. dist., hereinbefore described.
	N. 0°02'10" W., bet. secs. 3 and 4,
40.000	Point for the 1/4 sec. cor. of secs. 3 and 4. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. T12N R55E 1/4 S 4 | S 3 2017
80.000	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., hereinbefore described.

GENERAL DESCRIPTION

The lands included in the survey are located in Nye County, Nevada, on the westerly edge of the community of Duckwater, Nevada. Access is gained by way of Nevada State Highway No. 379 and various dirt roads. The average elevation of the area is 5950 feet.

The area consists of a gentle east facing slope to the bottom of Duckwater Valley. Vegetation includes juniper, sage brush, various grasses and sparse cacti of varying species.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Justin V. Haddon	Cadastral Surveyor
Griffin B. Dekker	Student Trainee
Kenneth W. Tynan	Student Trainee

CERTIFICATE OF SURVEY

I, Brandon G. Courtright, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25th day of July 2017, and amended special instructions bearing date of the 3rd day of October, 2019, I have surveyed portions of the south, east and north boundaries, and a portion of the subdivisional lines of Township 12 North, Range 55 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.

DEC 0 3 2019
(Date)

/For Brandon G. Courtright
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the survey of portions of the south, east and north boundaries, and a portion of the subdivisional lines of Township 12 North, Range 55 East, Mount Diablo Meridian, Nevada, executed by Brandon G. Courtright, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 0 3 2019
(Date)

(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 12 North, Range 55 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor for Nevada)~~