

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 36,  
TOWNSHIP 24 NORTH, RANGE 23 EAST,  
OF THE MOUNT DIABLO MERIDIAN,  
IN THE STATE OF NEVADA

EXECUTED BY

David R. Hamlin, Cadastral Surveyor

Michael O. Jones, Cadastral Surveyor

Under Special Instructions dated May 8, 2019,

and approved May 8, 2019,

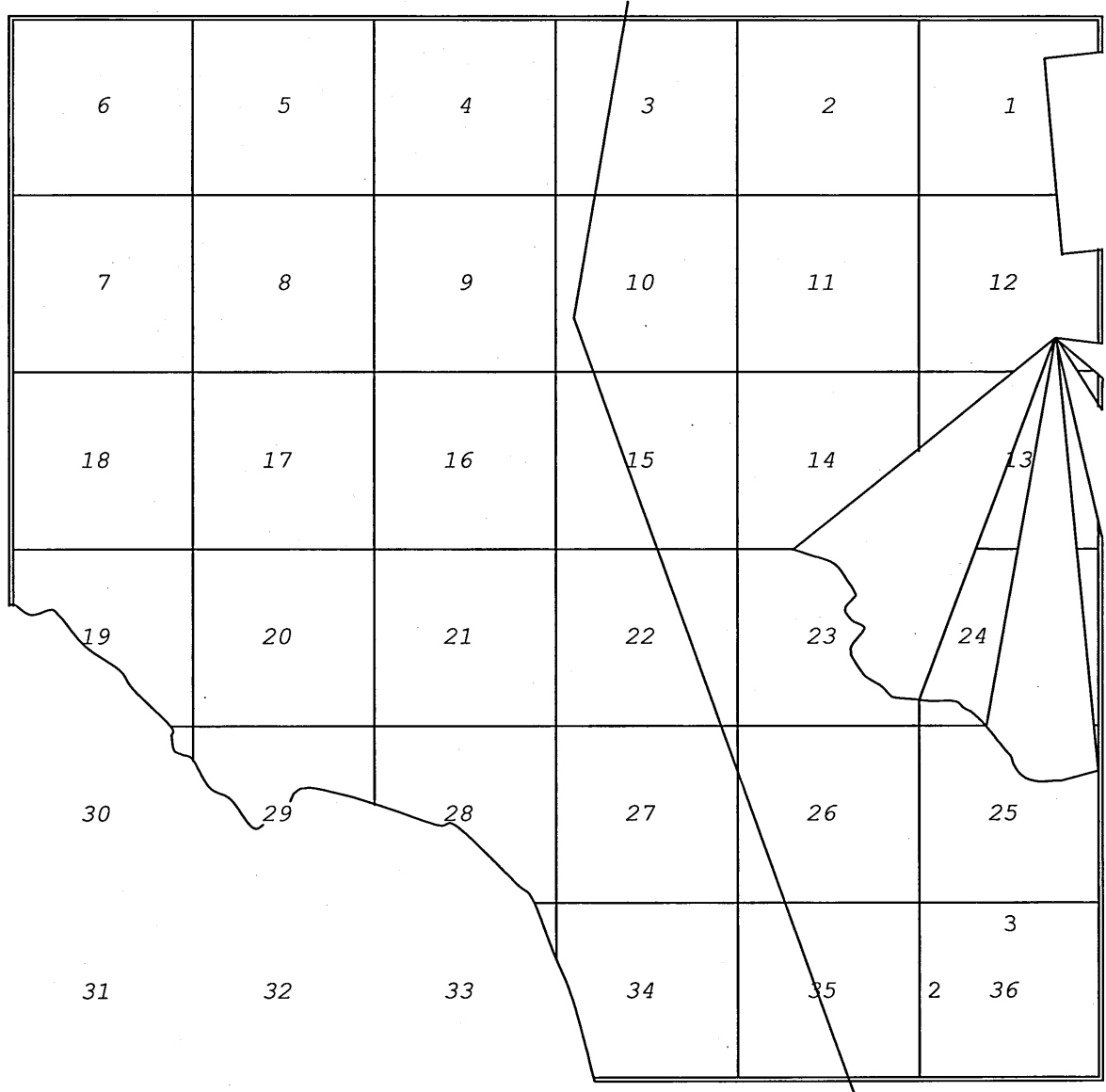
which provided for the surveys included under Group No. 991,  
and Assignment Instructions dated June 3, 2019 and June 28, 2021.

Survey commenced June 11, 2019

Survey completed March 31, 2022

## INDEX DIAGRAM

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Subdivision of Section 36 .....pp.5-8.

## TOWNSHIP 24 NORTH, RANGE 23 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 36, Township 24 North, Range 23 East, Mount Diablo Meridian, Nevada.

1865 - A portion of the south boundary was surveyed by U.S. Deputy Surveyor S.W. Foreman, under Contract "K".

1900 - A portion of the east boundary was surveyed by U.S. Deputy Surveyor T.K. Stewart, under Contract No. 220.

1909 - A portion of the south boundary was resurveyed by U.S. Deputy Surveyor R. Gorlinski, under Contract No. 254.

1916 - A portion of the south and east boundaries were resurveyed, and a portion of the subdivisional lines were surveyed by U.S. Surveyor W.A. Pray, under Group Nos. 33 and 47.

Other surveys remote to the area are not included.

The dependent resurvey of a portion of the south boundary of Township 24 North, Range 23 East, was executed 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 position 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, 2009, and the Special Instructions for Group No. 991, dated May 8, 2019.

Measurements were made with Trimble R-10 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.

The NAD 1983 (2011) (EPOCH:2010.0000) geographic position, of the following corners were determined from GNSS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DE6260 STEA STEAD COOP CORS ARP, DN5642 P149 BABBITTPK\_CN2008 CORS ARP and AI8814 UPSA UPSA\_BRGN\_NV1997 CORS ARP, and carried forward by RTK observations.

The cor. of Tps. 24 N., Rs. 23 and 24 E., is as follows:

Latitude: 39°53'59.512" N. Longitude: 119°20'16.328" W.

## TOWNSHIP 24 NORTH, RANGE 23 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	The cor. of secs. 25, 26, 35 and 36, T. 24 N., R. 23 E., is as follows:
	Latitude: 39°54'51.729" N.    Longitude: 119°21'23.850" W.
	<hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 24 N., R. 23 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>
	<hr/> <p>REESTABLISHMENT OF A PORTION OF THE SURVEY EXECUTED BY U.S. SURVEYOR W.A. PRAY IN 1916</p> <hr/>
	Beginning at the cor. of secs. 35 and 36 only, on the S. 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 dependent resurvey of a portion of the S. bdy. of T. 24 N., R. 23 E., executed concurrently under this same group.
	N. 0°09'00" E., bet. secs. 35 and 36.
	Over level bottom land along slough, scattered brush and clay flats.
19.996	Point for the S 1/16 sec. cor. of secs. 35 and 36.
	POINT NOT MONUMENTED
20.10	Toe of right bank of Mud Lake (Winnemucca Lake) slough, bears NE. and SW., thence across dry slough, course N. 35° E.
20.90	Toe of left bank of Mud Lake (Winnemucca Lake) slough, bears NE. and SW., asc. SE. slope of sandy hill.
36.80	Spur of hill, slopes SE. Thence along E. face of hill, asc. gradually.
39.992	Point for the 1/4 sec. cor. of secs. 35 and 36, 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, 2 1/2 ft. base, to top, with brass cap mkd.
	<div style="text-align: center;"> T24N R23E  1/4  S35   S36  2019 </div>
41.50	Spur of hill, slopes E. Desc. sandy NE. slope.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 24 N., R. 23 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
59.988	Point for the N 1/16 sec. cor. of secs. 35 and 36.  POINT NOT MONUMENTED
79.984	Point for the cor. of secs. 25, 26, 35 and 36, 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 a steep sandy slope, over a solid aluminum rod 1/2 in. diam., 18 ft. long, driven to refusal and with a plastic-encased magnet buried alongside, with brass cap mkd.  <div>T24N R23E S26 S25 S35 S36</div> 2019  from which  A stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, for a reference monument, bears N. 45°00'00" E., 75.8 lks. dist., with brass cap mkd. RM T24N R23E S25 50 FT TO COR 2019 and an arrow pointing to the cor.  A stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, for a reference monument, bears S. 45°00'00" W., 75.8 lks. dist., with brass cap mkd. RM T24N R23E S35 50 FT TO COR 2019 and an arrow pointing to the cor.  From this cor., the cor. of secs. 23, 24, 25 and 26, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the field notes of the 1916 survey of fractional subdivision, T. 24 N., R. 23 E., executed under Group Nos. 33 and 47, bears N. 0°00'10" E., 79.985 chs. dist. This control line was fully retraced, and no evidence of the intervening cor. was found.  From this same cor., the 1/4 sec. cor. of secs. 26 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the field notes of the 1916 survey of fractional subdivision, T. 24 N., R. 23 E., executed under Group Nos. 33 and 47, bears N. 89°49'00" W., 39.977 chs. dist.  From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. as described in the field notes of the 1916 dependent resurvey of fractional E. bdy., T. 24 N., R. 23 E., executed under Group Nos. 33 and 47, with a basalt stone (1916 Record, volcanic stone), 12x10x4 ins., loosely set alongside, projecting 6 ins. above ground, mkd. with 1 notch on the S. edge and 5 notches on the N. edge.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 24 N., R. 23 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	N. 89°50'10" W., bet. secs. 25 and 36.
3.60	Dirt road, 12 lks. wide, bears N. 1° E. and S. 9° W.
11.80	Low ridge, bears N. 3° E. and S. 7° W.
25.30	Power line, bears S. 29° E. and N. 29° W.
25.50	Dirt road, 15 lks. wide, bears S. 29° E. and N. 29° W.
29.30	Dirt road, 15 lks. wide, bears S. 13° E. and N. 10° W.
33.30	Low ridge, bears S. 54° E. and N. 59° W.
39.952	Point for the 1/4 sec. cor. of secs. 25 and 36, 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, 4 ft. base, to top, with brass cap mkd.  <div style="text-align: center;"> T24N R23E  S25  1/4 —————  S36   2019 </div>
45.80	Fork of dirt roads, 12 lks. wide, bears N. 27° E., S. 6° W. and N. 13° W.
48.40	Bottom of wide swale, course S. Asc. gentle E. slope.
54.10	Rocky ridge, bears N. 4° E. and S. 6° W. Desc. SW. slope.
59.928	Point for the W 1/16 sec. cor. of secs. 25 and 36.  POINT NOT MONUMENTED
58.50	Base of rocky hill, bears S. 23° E. and N. 39° W.
75.80	Toe of right bank of Mud Lake (Winnemucca Lake) slough, bears SE. and NW., thence across dry slough, course N. 65° W.
77.20	Toe of left bank of Mud Lake (Winnemucca Lake) slough, bears SE. and NW.
79.904	The cor. of secs. 25, 26, 35 and 36. <hr/>

SUBDIVISION OF SECTION 36,  
T. 24 N., R. 23 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>From the 1/4 sec. cor. of sec. 36 only, on the S. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush in a collar of stone, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the S. bdy. of T. 24 N., R. 23 E., executed concurrently under this same group.</p> <p>N. 0°07'30" E., on the N-S center line of sec. 36.</p> <p>Over near level land with scattered brush.</p>
19.985	<p>Point for the C-S 1/16 sec. cor. of sec. 36.</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, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>C</p> <p>S 1/16   S36</p> <p>C</p> <p>2019</p> </div> <p>Over near level land with scattered brush.</p>
20.80	<p>Dirt road, 15 lks. wide, bears N. 33° E. and S. 23° W.</p>
39.970	<p>Point for the center 1/4 sec. cor. of sec. 36, at intersection with 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, and in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T24N R23E</p> <p>C 1/4 S36</p> <p>2019</p> </div>
59.946	<p>Point for the C-N 1/16 sec. cor. of sec. 36.</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, and in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>C</p> <p>N 1/16   S36</p> <p>C</p> <p>2019</p> </div>

SUBDIVISION OF SECTION 36,  
T. 24 N., R. 23 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS 79.922</p>	<p>The 1/4 sec. cor. of secs. 25 and 36.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 31 and 36, on the E. bdy. of the Tp., monumented with a dilapidated iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the field notes of the 1916 dependent resurvey of fractional E. bdy., T. 24 N., R. 23 E., executed under Group Nos. 33 and 47, with a volcanic stone, 12x10x6 ins., firmly set alongside, projecting 6 ins. above ground, mkd. 36 on W. face and 1/4 31 on E. face.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>T24N R23E R24E 1/4 S36   S31 2021</p> </div> <p>Deposit the remains of the iron post and the mkd. stone alongside the stainless steel post.</p> <p>N. 89°53'40" W., on the E-W center line of sec. 36.</p> <p>3.20 Power line, bears S. 29° E. and N. 29° W.</p> <p>3.30 Dirt road, 15 lks. wide, bears S. 29° E. and N. 29° W.</p> <p>28.80 Dirt road, 20 lks. wide, bears N. 38° E. and S. 38° W.</p> <p>39.957 The center 1/4 sec. cor. of sec. 36.</p> <p>48.50 Toe of right bank of Mud Lake (Winnemucca Lake) slough, bears N. and S., thence across dry slough, course N.</p> <p>48.80 Toe of left bank of Mud Lake (Winnemucca Lake) slough, bears N. and S.</p> <p>55.52 Toe of left bank of Mud Lake (Winnemucca Lake) slough, bears SE. and NW., thence across dry slough, course SE.</p> <p>56.00 Toe of right bank of Mud Lake (Winnemucca Lake) slough, bears SE. and NW., continuing along bottom land.</p> <p>59.944 Point for the C-W 1/16 sec. cor. of sec. 36.</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>
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SUBDIVISION OF SECTION 36,  
T. 24 N., R. 23 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<div style="text-align: center;"> W 1/16  C ————— C  S36  2019 </div>
	Across bottom land with scattered cottonwood stumps.
62.00	Toe of right bank of Mud Lake (Winnemucca Lake) slough, bears NE. and SW., thence across dry slough, course NE.
62.60	Toe of left bank of Mud Lake (Winnemucca Lake) slough, bears NE. and SW.
79.931	The 1/4 sec. cor. of secs. 35 and 36.
	<hr/> From the W 1/16 sec. cor. of sec. 36, on the S. 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 dependent resurvey of a portion of the S. bdy. of T. 24 N., R. 23 E., executed concurrently under this same group.  N. 0°08'20" E., on the N-S center line of the SW1/4 of sec. 36.  Over near level land with scattered brush.
19.990	Point for the SW 1/16 sec. cor. of sec. 36, at intersection with the E-W center line of the SW1/4.  Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.  <div style="text-align: center;">SW 1/16 S36</div> <div style="text-align: center;">2019</div>
39.980	The C-W 1/16 sec. cor. of sec. 36.
	<hr/> From the C-S 1/16 sec. cor. of sec. 36. N. 89°54'40" W., on the E-W center line of the SW1/4 of sec. 36.
19.992	The SW 1/16 sec. cor. of sec. 36.
39.984	The point for the S 1/16 sec. cor. of secs. 35 and 36.
	<hr/> From the C-W 1/16 sec. cor. of sec. 36. N. 0°08'20" E., on the N-S center line of the NW1/4 of sec. 36.
1.90	Toe of right bank of Mud Lake (Winnemucca Lake) slough, bears NE. and SW., thence across dry slough, course NE.

SUBDIVISION OF SECTION 36,  
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CHAINS	
2.30	Toe of left bank of Mud Lake (Winnemucca Lake) slough, bears NE. and SW.
4.00	Enter sand dunes, thence across sand with little vegetation.
19.986	Point for the NW 1/16 sec. cor. of sec. 36, at intersection with the E-W center line of the NW1/4.  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.  NW 1/16 S36  2019
30.00	Leave sand dunes.
31.20	Toe of left bank of Mud Lake (Winnemucca Lake) slough, bears NE. and SW., thence across dry slough, course SW.
31.50	Toe of right bank of Mud Lake (Winnemucca Lake) slough, bears NE. and SW.
39.972	The point for the W 1/16 sec. cor. of secs. 25 and 36. <hr/>
	From the C-N 1/16 sec. cor. of sec. 36. N. 89°52'00" W., on the E-W center line of the NW1/4 of sec. 36.
1.00	Enter sand dunes, thence across sand with little vegetation.
19.981	The NW 1/16 sec. cor. of sec. 36.
39.962	The point for the N 1/16 sec. cor. of secs. 35 and 36. <hr/>
	GENERAL DESCRIPTION
	The average elevation of the area surveyed is approximately 4000 feet. General drainage is to the North. Vegetation consists of sagebrush and cheat grass. No trees remain since the original surveys and retracements. Tree stumps are all that remain. Soils consist mainly of sand with scattered tufa stone of various size. Mud Lake Slough is dry and no other water sources were encountered. <hr/>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Shane T. Trotter	Cadastral Surveyor
Miguel A. Garcia	Cadastral Surveyor
Mark G. Petrosine	Surveying Technician
Alex J. Yetsko	Surveying Technician
Nathan D. Mersino	Student Trainee
Brett A. Low	Range Technician

## CERTIFICATE OF SURVEY

We, David R. Hamlin and Michael O. Jones, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 8th day of May, 2019, We have dependently resurveyed a portion of the subdivisional lines, and subdivided section 36, Township 24 North, Range 23 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.

**JUL 30 2022**

(Date)

**JUL 30 2022**

(Date)

*David R. Hamlin*  
(Cadastral Surveyor)

*Michael O. Jones*  
(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 36, Township 24 North, Range 23 East, of the Mount Diablo Meridian, Nevada, executed by David R. Hamlin and Michael O. Jones, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

**AUG 09 2022**

(Date)

*Michael O. Hammer*  
(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 North, Range 23 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor for Nevada)~~