

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 13,
TOWNSHIP 47 NORTH, RANGE 58 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

William D. Kimmel, Cadastral Surveyor

Under Special Instructions dated May 22, 2003,
and approved May 22, 2003,
and Amended Special Instructions dated October 3, 2003,
and approved October 3, 2003,
which provided for the surveys included under Group No. 812,
and Assignment Instructions dated May 22, 2003.

Survey commenced June 3, 2003

Survey completed June 24, 2003

INDEX DIAGRAM

TOWNSHIP 47 NORTH, RANGE 58 EAST

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

Subdivision of Section 13.....PP. 3 - 8

TOWNSHIP 47 NORTH, RANGE 58 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 13, Township 47 North, Range 58 East, Mount Diablo Meridian, Nevada.

The east boundary and subdivisional lines were surveyed by U.S. Transitman J.C. Clark in 1918 under Group No. 43. Other former surveys remote to this area of survey are not included.

Before restoring the corners, the lines of the original survey were retraced and diligent search was 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 field 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, 1973, the Special Instructions dated May 22, 2003, and the Amended Special Instructions dated October 3, 2003.

The direction and distances of the lines of this survey were obtained by Trimble 4000 and 4700 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 in the field notes.

The geographic position in NAD83 (1994) of the corner of sections 13, 18, 19, and 24, on the east boundary of the township, as determined by survey grade GPS receivers, in 2003, from National Geodetic Survey control (formerly U.S. Coast and Geodetic Survey triangulation) station "GAP", located in section 8, T. 47 N., R. 59 E., is as follows:

Latitude: 41°57'17.739" N., Longitude: 115°21'27.432" W.

The geographic position in NAD83 (1994) of the corner of sections 11, 12, 13, and 14, as determined by survey grade GPS receivers, in 2003, from National Geodetic Survey control (formerly U.S. Coast and Geodetic Survey triangulation) station "NEVIDA", located in section 3, T. 47 N., R. 59 E., is as follows:

Latitude: 41°58'09.844" N., Longitude: 115°22'37.468" W.

The mean magnetic declination is 14°50' E., as determined by U.S. Geological Survey program GEOMAG, using coefficient files EPOC Model 2000.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 47 N., R. 58 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Reestablishment of a Portion of the Survey Executed by U.S. Transitman J.C. Clark in 1918</p> <hr/>
	<p>From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above the ground, witnessed by a mound of stone, 3 ft. base, 2 ft. high, to the W., with brass cap mkd. as described in the field notes of T. 47 N., R. 58 E., executed under Group No. 43.</p> <p>Set a steel fence post alongside the iron post.</p> <p>From this point, National Geodetic Survey control (formerly U.S. Coast and Geodetic Survey triangulation) station "GAP" bears N. 59°06'47" E., 161.851 chs. dist., monumented with a brass disk, 3 1/2 ins. diam., set in the top of a block of concrete, 11x11 ins. square, firmly set, projecting 3 ins. above the ground, with top mkd. GAP 1948 and a triangle.</p> <p>S. 89°55'30" W., bet. secs. 13 and 24.</p>
20.024	<p>Point for the E 1/16 sec. cor. of secs. 13 and 24.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, to solid rock, over a plastic-encased magnet, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T47N R58E</p> <p style="text-align: center;">S13 E 1/16 ——— S24</p> <p style="text-align: center;">2003</p>
40.048	<p>Set a steel fence post alongside the stainless steel post.</p> <p>The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 13 ins. above the ground, witnessed by a mound of stone, 3 ft. base, 1 ft. high, to the N., with brass cap mkd. as described in the field notes of T. 47 N., R. 58 E., executed under Group No. 43.</p> <p>Add the marks T47N R58E 03 to the brass cap.</p> <hr/>
20.015	<p>From the 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 1 in. diam., firmly set, projecting 16 ins. above the ground, (Record, set in a mound of stone), witnessed by a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. as described in the field notes of T. 47 N., R. 58 E., executed under Group No. 43.</p> <p>Add the marks T47N R58E 03 to the brass cap.</p> <p>N. 0°03'20" W., bet. secs. 13 and 14.</p> <p>Point for the N 1/16 sec. cor. of secs. 13 and 14. Not monumented.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 47 N., R. 58 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
40.030	<p>The cor. of secs. 11, 12, 13, and 14, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, in a mound of stone, 2 1/2 ft. base, to top, witnessed by a scattered mound of stone to the W., with brass cap mkd. as described in the field notes of T. 47 N., R. 58 E., executed under Group No. 43.</p> <p>From this point, National Geodetic Survey control (formerly U.S. Coast and Geodetic Survey triangulation) station "NEVIDA" bears N. 65°09'57" E., 354.489 chs. dist., monumented with a brass disk, 3 1/2 ins. diam., set in the top of lava rock, with top mkd. NEVIDA 1948 and a triangle.</p>
18.95	<p>From the 1/4 sec. cor. of secs. 12 and 13, monumented with an iron post, 1 in. diam., firmly set, in a collar of stone, projecting 13 ins. above the ground, witnessed by a mound of stone, 2 1/2 ft. base, 1 ft. high, to the NW (Record, N.), with brass cap mkd. as described in the field notes of T. 47 N., R. 58 E., executed under Group No. 43.</p> <p>Add the marks T47N R58E 03 to the brass cap.</p> <p>A down wire fence, bears E. and W., bears S., 6 lks. dist. S. 89°53'10" W., bet. secs. 12 and 13.</p>
20.052	<p>Fence, bears generally N. and S.</p>
40.104	<p>Point for the W 1/16 sec. cor. of secs. 12 and 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, to solid rock, over a plastic-encased magnet, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T47N R58E</p> <p style="text-align: center;">W 1/16 $\frac{S12}{S13}$</p> <p style="text-align: center;">2003</p> <p>Set a steel fence post alongside the stainless steel post.</p>
40.104	<p>The cor. of secs. 11, 12, 13, and 14.</p>
40.026	<p style="text-align: center;">SUBDIVISION OF SECTION 13, T. 47 N., R. 58 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <p>From the 1/4 sec. cor. of secs. 13 and 24.</p> <p>N. 0°01'40" W., on the N. and S. center line of sec. 13.</p>
40.026	<p>Point for the center 1/4 sec. cor. of sec. 13, at intersection with the E. and W. center line.</p>

105

SUBDIVISION OF SECTION 13,
T. 47 N., R. 58 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p> <p>60.048</p> <p>80.070</p> <p>20.019</p>	<p>Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with aluminum cap mkd.</p> <p style="text-align: center;">T47N R58E</p> <p style="text-align: center;">C 1/4 S13</p> <p style="text-align: center;">2003</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears N. 74 1/2° E., 8 lks. dist., mkd. X BT at the base.</p> <p>Set a steel fence post alongside and raise a mound of stone, 2 1/2 ft. base, 2 ft. high, to the W. of the aluminum post.</p> <p>Point for the C-N 1/16 sec. cor. of sec. 13.</p> <p>Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with aluminum cap mkd.</p> <p style="text-align: center;">T47N R58E</p> <p style="text-align: center;">N 1/16 $\left\{ \begin{array}{l} C \\ S13 \\ C \end{array} \right.$</p> <p style="text-align: center;">2003</p> <p>Set a steel fence post alongside the aluminum post.</p> <p>The 1/4 sec. cor. of secs. 12 and 13.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., monumented with an iron post, 36 ins. long, 1 in. diam., firmly set, leaning, 20 ins. above the ground in a scattered mound of stone, witnessed by a scattered mound of stone to the W., with brass cap mkd. as described in the field notes of T. 47 N., R. 58 E., executed under Group No. 43.</p> <p>At the corner point</p> <p>Reset the iron post 24 ins. in the ground, over a plastic-encased magnet, in a mound of stone, 2 1/2 ft. base, to top.</p> <p>Add the marks T47N R58E R59E 03 to the brass cap.</p> <p>Remove the scattered mound of stone to the W.</p> <p>S. 89°54'40" W., on the E. and W. center line of sec. 13.</p> <p>Point for the C-E 1/16 sec. cor. of sec. 13.</p>
---	--

106

SUBDIVISION OF SECTION 13,
T. 47 N., R. 58 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with aluminum cap mkd.</p> <p style="text-align: center;">T47N R58E</p> <p style="text-align: center;">E 1/16 C-----C S13</p> <p style="text-align: center;">2003</p>
	<p>Set a steel fence post alongside and raise a mound of stone, 3 ft. base, 1 1/2 ft. high, to the N.</p>
40.038	The center 1/4 sec. cor. of sec. 13.
56.80	Top of rimrock on W. side of Dave Creek Canyon, extending N. and W.; thence along top of rimrock.
57.90	W. edge of top of rimrock, bears E. and S.; thence over rolling land.
60.084	Point for the C-W 1/16 sec. cor. of sec. 13.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, to solid rock, in a mound of stone, 2 1/2 ft. base, to top, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T47N R58E</p> <p style="text-align: center;">W 1/16 C-----C S13</p> <p style="text-align: center;">2003</p>
	Set a steel fence post alongside the stainless steel post.
60.50	Fence, bears generally N. and S.
80.130	The 1/4 sec. cor. of secs. 13 and 14.
	<hr/> <p>From the E 1/16 sec. cor. of secs. 13 and 24.</p> <p>N. 0°02'00" W., on the N. and S. center line of the SE1/4 of sec. 13.</p>
40.030	The C-E 1/16 sec. cor. of sec. 13.
	<hr/> <p>From the C-W 1/16 sec. cor. of sec. 13.</p> <p>N. 0°02'30" W., on the N. and S. center line of the NW1/4 of sec. 13.</p>
20.018	Point for the NW 1/16 sec. cor. of sec. 13, at intersection with the E. and W. center line of the NW1/4.

SUBDIVISION OF SECTION 13,
T. 47 N., R. 58 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p> <p>40.036</p> <p>20.050</p> <p>39.70</p> <p>40.100</p>	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T47N R58E</p> <p style="text-align: center;">NW 1/16 S13</p> <p style="text-align: center;">2003</p> <p>Set a steel fence post alongside the stainless steel post.</p> <p>The W 1/16 sec. cor. of secs. 12 and 13.</p> <hr/> <p>From the C-N 1/16 sec. cor. of sec. 13.</p> <p>S. 89°54'00" W., on the E. and W. center line of the NW1/4 of sec. 13.</p> <p>The NW 1/16 sec. cor. of sec. 13.</p> <p>Fence, bears generally N. and S.</p> <p>The point for the N 1/16 sec. cor. of secs. 13 and 14.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land resurveyed within T. 47 N., R. 58 E. is located in Elko County, Nevada, about 4 miles south of Murphy Hot Springs, Idaho. The land varies from rolling to broken terrain with Dave Creek Canyon extending generally north and south through the area. Elevations range from about 6000 feet above sea level along Dave Creek up to about 6600 feet above sea level in the southeasterly portion of the area surveyed. There is rimrock on the east and west slopes of Dave Creek Canyon with shallow soil overlaying solid rock away from the canyon. Vegetation is sagebrush with scattering junipers on the canyon slopes and dense aspen and cottonwood timber along Dave Creek.</p> <p>A rough, dirt road located west of Dave Creek Canyon extends south from Murphy Hot Springs and gives access to the area.</p> <p>No mining activities were noted during the course of the survey.</p> <hr/>
--	---

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANT

Mark E. Davich

Surveying Technician

Daniel S. Young

Surveying Technician

CERTIFICATE OF SURVEY

I, William D. Kimmel, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 22nd day of May, 2003, and Amended Special Instructions bearing date of the 3rd day of October, 2003, I have dependently resurveyed a portion of the subdivisional lines and subdivided section 13, Township 47 North, Range 58 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.

April 12, 2004
(Date)

William D. Kimmel
(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 13, Township 47 North, Range 58 East, Mount Diablo Meridian, Nevada, executed by William D. Kimmel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

May 4, 2004
(Date)

David J. Clark
(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 47 N., R. 58 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~_____
(Date)~~

~~_____
(Chief Cadastral Surveyor, Nevada)~~