# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

SURVEY OF THE THIRD STANDARD PARALLEL SOUTH,

THROUGH A PORTION OF RANGE 64 EAST,

AND A METES-AND-BOUNDS SURVEY OF A PORTION OF NEVADA STATE ROUTE NO. 168,

AND A METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6, 7, 18, 19, AND 30,

TOWNSHIP 13 SOUTH, RANGE 64 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

## EXECUTED BY

David J. Passmore, Professional Land Surveyor (VTN, Inc.)

Craig L. Wanless, Cadastral Surveyor (BLM)

Under Special Instructions dated October 9, 2003, approved October 9, 2003,

Amended Special Instructions dated November 10, 2003, approved November 10, 2003,

and Amended Special Instructions dated September 21, 2004,

approved September 21, 2004,

which provided for the surveys included under Group No. 814, and Assignment Instructions dated October 13, 2003.

Survey commenced October 14, 2003 Survey completed September 23, 2004

063

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TOWNSHIP 13 SOUTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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## TOWNSHIP 13 SOUTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

### CHAINS

The following field notes are those of the survey of the Third Standard Parallel South, through a portion of Range 64 East, and portions of the south boundary and subdivisional lines, a metesand-bounds survey of a portion of Nevada State Route No. 168, and a metes-and-bounds survey through sections 6, 7, 18, 19, and 30, T. 13 S., R. 64 E., Mount Diablo Meridian, Nevada.

The west boundary was surveyed by U.S. Deputy Surveyor C.F. Putnam in 1881 under Contract No. 125. The Third Standard Parallel South, through a portion of Range 63 East and the E. bdy. of T. 13 S., R. 63 E., were dependently resurveyed 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 original corners and other calls of the original field note record.

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  $\underline{\text{Manual of Surveying Instructions, 1973}}$ , the Special Instructions dated October 9, 2003, and Amended Special Instructions dated November 10, 2003, and September 21, 2004, for Group No. 814.

The direction and distances of the lines of this survey were obtained by Trimble 4700 and 5700 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, NAD 1983(1999), of the corner of Townships 13 South, Ranges 63 and 64 East, as determined by survey grade global positioning system receivers, in 2003, from National Geodetic Survey control station, "MOAPA LA PLACE" located in section 32, Township 14 South, Range 66 East, is as follows:

Latitude 36°45'57.351" N. Longitude 114°52'23.793" W.

The mean magnetic declination is 15° East, as shown on U.S.G.S. quadrangle map "WILDCAT WASH SE, NEV.", dated 1969, photo inspected, 1980.

# SURVEY OF THE THIRD STANDARD PARALLEL SOUTH, THROUGH A PORTION OF RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

	TIMOUGH A FORTION OF RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	Beginning at the standard cor. of Tps. 12 S., Rs. 63 and 64 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the Third Standard Parallel South, through portions of Range 63 East, executed concurrently under this same group.
	East, on the S. bdy. of sec. 31, T. 12 S., R. 64 E.
	Over mountainous terrain.
22.906	The $1/4$ sec. cor. of sec. 6 only, hereinafter described.
37.279	Point selected for the witness standard $1/4~{\rm sec.}$ cor. of sec. 31, T. 12 S., R. 64 E.
	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.
	WC T12S R64E 1/4 S31
	2003
40.000	True point for the standard 1/4 sec. cor. of sec. 31, T. 12 S., R. 64 E., falls on a steep precipice where it is impracticable to establish a permanent monument.
62.906	The closing cor. of secs. 5 and 6, hereinafter described.
80.000	Point for the standard cor. of secs. 31 and 32, T. 12 S., R. 64 E.
	Set a brass rod, 18 ins. long, 1/2 in. diam., 10 ins. in the ground, in a collar of stone, with brass cap mkd.
	SC T12S R64E S31   S32
	2003
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.

# SURVEY OF A PORTION OF THE SOUTH BOUNDARY, T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

p-1-1-1	,
CHAINS	From the cor. of Tps. 13 S., Rs. 63 and 64 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the S. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.
	East, on the S. bdy. of sec. 31.
	Over mountainous terrain.
40.000	Point for the 1/4 sec. cor. of sec. 31 only.
	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.
	T13S R64E 1/4 S31
	2003
80.000	Point for the cor. of secs. 31 and 32 only.
	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.
	T13S R64E S31   S32
	2003
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the cor. of secs. 31 and 32 only, hereinbefore described.
	N. 0°14'00" W., bet. secs. 31 and 32.
	Over nearly level land.
40.000	Point for the 1/4 sec. cor. of secs. 31 and 32.
	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.

	1. 13 b., R. 04 E., MOONI DIADEO MENIDIAN, NEVADA
CHAINS	T13S R64E 1/4 S31 S32
	2003
	Dirt road, 15 lks. wide, bears N. and S., is located 25 lks. W. of cor.
80.000	Point for the cor. of secs. 29, 30, 31, and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 5 ft. base, to top, with brass cap mkd.
	T13S R64E S30   S29 S31   S32
	2003
	Dirt road, 15 lks. wide, bears N. and S., is located 115 lks. E. of cor.
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	N. 89°53'30" W., bet. secs. 30 and 31.
	Over nearly level land.
39.789	Point for the 1/4 sec. cor. of secs. 30 and 31.
	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 collar of stone, with brass cap mkd.
	T13S R64E
	2003
79.578	The cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.

CHAINS	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 29, 30, 31, and 32.
	N. 0°14'00" W., bet. secs. 29 and 30.
	Over rolling terrain.
40.000	Point for the 1/4 sec. cor. of secs. 29 and 30.
	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, 4 ft. base, to top, with brass cap mkd.
	T13S R64E 1/4 S30 S29
	2003
58.530	Power lines, bears S. 70° E. and N. 70° W.
64.233	Point for a witness point and intersection with the centerline of Nevada State Route No. 168, hereinafter described.
80.000	Point for the cor. of secs. 19, 20, 29, and 30.
	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.
	T13S R64E S19 S20
	S30 S29
	2003
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	West, bet. secs. 19 and 30.
	Over rolling terrain.
15.484	Point for a witness point and intersection with a line parallel to and 100 ft. easterly of the centerline of Nevada State Route No. 7, hereinafter described.
17.80	Abandoned road, 30 lks. wide, bears S. 50° E. and N. 50° W.

	T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
40.000	Point for the 1/4 sec. cor. of secs. 19 and 30.
	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.
	T13S R64E  S19  1/4 —  S30
	2003
60.000	Point for the W 1/16 sec. cor. of secs. 19 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	W $1/16 \frac{S19}{S30}$
	2003
79.133	Intersect the E. bdy. of T. 13 S., R. 63 E.
	Point for the closing cor. of secs. 19 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T13S R63E R64E   S19   CC   S30
	2003
	From this cor., the cor. of secs. 24 and 25 only, on the E. bdy. of T. 13 S., R. 63 E., bears N. 0°01'20" W., 0.498 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.

	T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	The point for the 1/4 sec. cor. of sec. 30 only, on the W. bdy. of the Tp., is at midpoint in latitude on the W. bdy. of sec. 30.
	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.
	T13S   R64E   1/4   S30
	2003
	From this cor., the 1/4 sec. cor. of sec. 25 only, on the E. bdy. of T. 13 S., R. 63 E., bears N. 0°10'00" E., 0.336 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	From the cor. of secs. 19, 20, 29, and 30.
	N. 0°14'00" W., bet. secs. 19 and 20.
	Over rolling terrain.
40.000	Point for the 1/4 sec. cor. of secs. 19 and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 17 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T13S R64E 1/4 S19 S20
	2003
80.000	Point for the cor. of secs. 17, 18, 19, and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

CHAINS	T13S R64E S18 S17
	S19 S20
	2003
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	West, bet. secs. 18 and 19.
	Over rolling terrain.
8.349	Point for a witness point and intersection with a line parallel to and 100 ft. easterly of the centerline of Nevada State Route No. 7, hereinafter described.
9.90	Abandoned road, 30 lks. wide, bears S. 10° E. and N. 10° W.
40.000	Point for the 1/4 sec. cor. of secs. 18 and 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T13S R64E  S18  1/4 —  S19
	2003
78.992	Intersect the E. bdy. of T. 13 S., R. 63 E.
	Point for the closing cor. of secs. 18 and 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T13S R63E R64E   S18   S19
	2003
	From this cor., the cor. of secs. 13 and 24 only, on the E. bdy. of T. 13 S., R. 63 E., bears N. 0°16'10" W., 0.625 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 4 ft. base, to top, with brass cap

CHAINS

mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.

Land, mountainous.
Soil, sandy gravel.
Undergrowth, creosote and cacti.

The point for the 1/4 sec. cor. of sec. 19 only, on the W. bdy. of the Tp., is at midpoint in latitude on the W. bdy. of sec. 19.

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 ft. base, to top, with brass cap mkd.

T13S | R64E | 1/4 | S19

2003

From this cor., the 1/4 sec. cor. of sec. 24 only, on the E. bdy. of T. 13 S., R. 63 E., bears N. 0°01'20" W., 0.588 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S. R. 63 E., executed concurrently under this same group.

The point for the N 1/16 sec. cor. of sec. 19 only, on the W. bdy. of the Tp., is at midpoint in latitude bet. the closing cor. of secs. 18 and 19, and the 1/4 sec. cor. of sec. 19 only, and on the W. bdy. of sec. 19.

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.

N 1/16 S19

2003

From this cor., the 1/4 sec. cor. of sec. 24 only, on the E. bdy. of T. 13 S., R. 63 E., bears S.  $0^{\circ}16'10"$  E., 19.412 chs. dist., hereinbefore described.

CHAINS	From the cor. of secs. 17, 18, 19, and 20.
	N. 0°14'00" W., bet. secs. 17 and 18.
	Over mountainous terrain.
40.000	Point for the 1/4 sec. cor. of secs. 17 and 18.
	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 collar of stone, with brass cap mkd.
	T13S R64E 1/4
	S18   S17
	2003
80.000	Point for the cor. of secs. 7, 8, 17, and 18.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T13S R64E S 7 S 8
	S18 S17
	2003
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	West, bet. secs. 7 and 18.
	Over mountainous terrain.
20.000	Point for the E 1/16 sec. cor. of secs. 7 and 18.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	S 7 E 1/16 ——
	S18
	2003
33.236	Point for a witness point and intersection with a line parallel to and 100 ft. easterly of the centerline of Nevada State Route No. 7, hereinafter described.

	1. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
34.70	Abandoned road, 30 lks. wide, bears S. 20° E. and N. 20° W.
40.000	Point for the 1/4 sec. cor. of secs. 7 and 18.
	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 collar of stone, with brass cap mkd.
	T13S R64E
	1/4 <del></del>
	S18
	2003
78.846	Intersect the E. bdy. of T. 13 S., R. 63 E.
	Point for the closing cor. of secs. 7 and 18.
	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 collar of stone, with brass cap mkd.
	T13S
	R63E R64E IS 7
	cc
	S18
	2003
	From this cor., the cor. of secs. 12 and 13 only, on the E. bdy. of T. 13 S., R. 63 E., bears N. 0°28'10" E., 0.520 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.
	Land, mountainous.
	Soil, sandy gravel.
	Undergrowth, creosote and cacti.
	The point for the $1/4$ sec. cor. of sec. 18 only, on the W. bdy. of the Tp., is at midpoint in latitude on the W. bdy. of sec. 18.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

CHAINS	
0	T13S   R64
	$\begin{vmatrix} 1/4 \end{vmatrix}$
	S18
	2003
	From this cor., the 1/4 sec. cor. of sec. 13 only, on the E. bdy. of T. 13 S., R. 63 E., bears N. 0°44'40" W., 0.417 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S. R. 63 E., executed concurrently under this same group.
	From the cor. of secs. 7, 8, 17, and 18.
	N. 0°14'00" W., bet. secs. 7 and 8.
40.000	Point for the $1/4$ sec. cor. of secs. 7 and 8.
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in a drill hole in solid rock, with top mkd.
	T13S R64E 1/4 S 7 S 8
	2003
80.000	Point for the cor. of secs. 5, 6, 7, and 8.
	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.
	T13S R64E
	S 6 S 5
	S 7 S 8
	2003
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	West, bet. secs. 6 and 7.
	Over mountainous terrain.
40.000	Point for the 1/4 sec. cor. of secs. 6 and 7.

	1. 13 5., R. 04 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 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.
	T13S R64E
	s 6
	1/4 <del></del> S 7
	2003
56.207	Point for a witness point and intersection with a line parallel to and 100 ft. easterly of the centerline of Nevada State Route No. 7, hereinafter described.
57.80	Abandoned road, 30 lks. wide, bears S. 20° E. and N. 20° W.
78.621	Intersect the E. bdy. of T. 13 S., R. 63 E.
	Point for the closing cor. of secs. 6 and 7.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T13S
	R63E R64E
	S 6   CC
	S 7
	,
	2003
	From this cor., the cor. of secs. 1 and 12 only, on the E. bdy. of T. 13 S., R. 63 E., bears N. 0°39'20" W., 0.897 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	The point for the 1/4 sec. cor. of sec. 7 only, on the W. Bdy. of the Tp., is at midpoint in latitude on the W. bdy. of sec. 7.
	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 collar of stone, with brass cap mkd.

	T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	T13S  R64E   1/4  S 7
	2003
	From this cor., the 1/4 sec. cor. of sec. 12 only, T. 13 S., R. 63 E., bears N. 0°28'10" E., 0.625 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.
	The point for the 1/4 sec. cor. of sec. 6 only, on the W. bdy. of the Tp., is at 40 chs. dist. in latitude from the closing cor. of secs. 6 and 7, on the W. bdy. of sec. 6.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, in a collar of stone, with brass cap mkd.
	T13S  R64E  1/4  S 6
	2003
	From this cor., the 1/4 sec. cor. of sec. 1 only, on the E. bdy. of T. 13 S., R. 63 E., bears N. 0°46'00" W., 0.957 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 13 S., R. 63 E., executed concurrently under this same group.
	From the cor. of secs. 5, 6, 7, and 8.
	N. 0°14'00" W., bet. secs. 5 and 6.
	Over mountainous terrain.
40.000	Point for the $1/4$ sec. cor. of secs. 5 and 6.
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in a drill hole in solid rock, with top mkd.

	T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	T13S R64E 1/4 S 6 S 5
	2003
81.894	Intersect the Third Standard Parallel South.
	Point for the closing cor. of secs. 5 and 6.
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in a drill hole in solid rock, with top mkd.
	T12S R64E
	2003
	From this point, the standard cor. of secs. 31 and 32, on the S. bdy. of T. 12 S., R. 64 E., bears East, 17.094 chs. dist., hereinbefore described.
	Land, mountainous. Soil, sandy gravel. Undergrowth, creosote and cacti.
	The point for the 1/4 sec. cor. of sec. 6 only, on the N. bdy. of the Tp., is at 40 chs. dist. in departure from the closing cor. of secs. 5 and 6, on the N. bdy. of sec. 6.
	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 ft. base, to top, with brass cap mkd.
	T12S R64E
	1/4 S 6 T13S R64E
	2003
	Cor. falls 12 lks. N. of barbed wire fence, bears E. and W. From this cor., the witness cor. to the standard 1/4 sec. cor. of sec. 31, T. 13 S., R. 64 E., bears East, 14.373 chs. dist., hereinbefore described.

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## METES-AND-BOUNDS SURVEY OF NEVADA STATE ROUTE NO. 168, IN SECTION 30,

## T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA CHAINS MEMORANDUM The survey of lands for patent conveyance to Coyote Springs Investment, L.L.C., was executed in accordance with the described land in the document titled "Legal Descriptions for CSI Lands Within Clark County, NV". The centerline of the right-of-way for Nevada State Route No. 168 was determined utilizing monuments set by the Nevada Department of Transportation and the description in State of Nevada right-of-way application Nev-065185. Witness points were established on the centerline of the right-of-way. Some monuments were found to be not at their geometric position. In those instances, direct bearing and distance ties are reported from the witness points on the centerline to the highway monuments. From the point for a witness point at intersection with the line bet. secs. 29 and 30 and the centerline of the right-ofway for Nevada State Route No. 168. Set a PK nail with washer flush with the asphalt surface with washer mkd. WP S29 S30. From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-ofway, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S. 69°21'10" E., 8.519 chs. dist. From this same point, a Nevada Department of Transportation highway station not utilized in this survey, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S. 27°42'50" E., 8.518 chs. dist. From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N. 41°26'00" W., 24.584 chs. dist. N. 48°30'40" W., on the centerline of Nevada State Route No. 168, in sec. 30. 2.508 Point of Curvature. Not monumented.

# METES-AND-BOUNDS SURVEY OF NEVADA STATE ROUTE NO. 168, IN SECTION 30, T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 13 5., K. 04 E., MOONI DIABLO MEKIDIAN, NEVADA
CHAINS	From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, mkd. STA D 00+00.00 PC DIST 81.95, bears S. 41°29'20" W., 1.242 chs. dist.
	Thence along the arc of circular curve to the left, having a radius of 1000.00 ft.; the long chord of said arc bears N. 75°40'00" W., 13.829 chs. dist.
14.360	Point of Tangency. Not monumented.
	From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA D 9+47.76 PT DIST 72.08, bears S. 12°49'00" E., 1.092 chs. dist.
	From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA D 9+47.76 PT DIST 65.96, bears N. 12°49'00" W., 0.999 chs. dist.
	Thence S. 77°11'00" W., beginning new measurement.
0.281	Point for a witness point for the point of beginning of the metes-and-bounds survey in sec. 30, hereinafter described
21.933	Point of Curvature. Not monumented.
	From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA D 23+94.67 PC DIST 71.80, bears S. 12°49'00" E., 1.088 chs. dist.
	From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA D 23+94.67 PC DIST 75.80, bears N. 12°49'00" W., 1.149 chs. dist.
	Thence along the arc of a circular curve to the right, having a radius of 10,000.00 ft.; the long chord of said arc bears S. 78°40'30" W., 7.903 chs. dist.
7.904	Point of Tangency. Not monumented.

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# METES-AND-BOUNDS SURVEY OF NEVADA STATE ROUTE NO. 168, IN SECTION 30, T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA D 29+16.33 PT DIST 43.02, bears S. 9°50'00" E., 0.652 chs. dist.

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a standard Nevada Department of Transportation brass tablet, set in concrete, mkd. STA D 29+16.33 PT DIST 60.37, bears N. 9°50'00" W., 0.915 chs. dist.

Thence S. 80°10'00" W., beginning new measurement.

35.303

Intersect the E. bdy. of T. 13 S., R. 63 E., as described in the field notes of the metes-and-bounds survey of T. 13 S., R. 63 E., executed concurrently under this same group.

METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6, 7, 18, 19, and 30, T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

## MEMORANDUM

The survey of lands for patent conveyance to Coyote Springs Investment, L.L.C., was executed in accordance with the described land in the document titled "Legal Descriptions for CSI Lands Within Clark County, NV".

Witness points were established on an offset line; a line parallel to and 100 feet easterly of the centerline of the right-of-way.

The centerline of the right-of-way was determined utilizing monuments set by the Nevada Department of Transportation and the description State of Nevada right-of-way application Nev-060130A for Nevada State Route No. 7, (formerly, U.S. Highway No. 93). Some monuments were found to be not at their geometric position. In those instances, direct bearing and distance ties are reported from the witness points on the offset line to the highway monuments.

From the witness point for the point of beginning of the metesand-bounds survey, on the centerline of the right-of-way for Nevada State Route No. 168, NEV-065185 and at a bearing due south from the point of intersection between secs. 19 and 30 and a line parallel to and 100 feet easterly of the centerline of Nevada State Route No. 7, hereinafter described.

Set a PK nail and washer in the surface of the asphalt, with the washer mkd. WP S30.

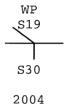
CHAINS

North, in sec. 30.

10.748

Point for a witness point at the intersection of the line bet. secs. 19 and 30 and a line parallel to and 100 feet easterly of the centerline of Nevada State Route No. 7.

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 collar of stone, with brass cap mkd.



From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S.  $51^{\circ}24'00"$  E., 30.095 chs. dist.

Thence N.  $48^{\circ}31'00"$  W., on a line parallel to and 100 feet easterly of the centerline of Nevada State Route No. 7, in sec. 19.

2.291

Point of Curvature and point for a witness point.

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 collar of stone, with brass cap mkd.



From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Curvature, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N.  $41^{\circ}05'20"$  E., 1.515 chs. dist.

Thence along the arc of a circular curve to the right, having a radius of 900.00 ft.; the long chord of said arc bears N.  $13^{\circ}46'40''$  W., 15.541 chs. dist.

## CHAINS

## 16.536

Point of Tangency and point for a witness point.

Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in a drill hole in solid rock, with top mkd.



From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way and the Point of Tangency, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S. 69°02'20" E., 1.515 chs. dist.

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way and the Point of Tangency, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N.  $69^{\circ}02'20"$  W., 4.545 chs. dist.

Thence N. 20°57'40" E., beginning new measurement.

## 28.691

Point of Curvature and point for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.



From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Curvature, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S. 69°24'00" E., 1.515 chs. dist.

### CHAINS

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Curvature, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N. 68°54'50" W., 4.545 chs. dist.

Thence along the arc of a circular curve to the left, having a radius of 2100.00 ft.; the long chord of said arc bears N.  $10^{\circ}57'10"$  E., 11.061 chs. dist.

#### 11.117

Point of Tangency and point for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. diam., with brass cap mkd.



From this point, a Nevada Department of Transportation highway station not utilized in this survey, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S. 88°46'30" E., 1.511 chs. dist.

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Tangency, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N.  $89^{\circ}10'40"$  W., 4.545 chs. dist.

Thence N. 0°56'30" E., beginning new measurement.

## 19.769

Point of Curvature and point for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.



	T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way and the Point of Curvature, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N. 89°03'30" W., 4.545 chs. dist.
	Thence along the arc of a circular curve to the left, having a radius of 2100.00 ft.; the long chord of said arc bears N. 12°08'10" W., 14.401 chs. dist.
5.997	Point for a witness point and intersection with the line bet. secs. 18 and 19.
	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.
	WP S18
	S19 \
	2004
	Continue on curve, on a line parallel to and 100 feet easterly of the centerline of Nevada State Route No. 7, in sec. 18.
8.530	Point of Tangency and point for a witness point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over a plastic-encased magnet, with rock collar, 3 ft. diam., with brass cap mkd.
	WP
	S18 \
	2004
	From this point, a Nevada Department of Transportation highway station not utilized in this survey, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N. 64°42'10" E., 1.512 chs. dist.
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CHAINS

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way and the Point of Tangency, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S.  $64^{\circ}47'00"$  W., 4.545 chs. dist.

Thence N. 25°13'00" W., beginning new measurement.

8.491

Point of Curvature and point for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, in a collar of stone, with brass cap mkd.



From this point, a Nevada Department of Transportation highway station not utilized in this survey, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N. 64°07'30" E., 1.512 chs. dist.

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Curvature, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S.  $64^{\circ}57'30"$  W., 4.545 chs. dist.

Thence along the arc of a circular curve to the left, having a radius of 2100.00 ft.; the long chord of said arc bears N.  $28^{\circ}59'20"$  W., 4.187 chs. dist.

4.190

Point of Tangency and point for a witness point.

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.



### CHAINS

From this point, a Nevada Department of Transportation highway station not utilized in this survey, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N. 56°36'10" E., 1.512 chs. dist.

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Tangency, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S.  $57^{\circ}25^{\circ}00$ " W., 4.545 chs. dist.

Thence N. 32°45'40" W., beginning new measurement.

3.347 Point of Curvature and point for a witness point.

Set a PK nail with washer in asphalt surface, with washer mkd. WP S18 2004.

From this point, a Nevada Department of Transportation highway station not utilized in this survey, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N. 57°44'00" E., 1.511 chs. dist.

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Curvature, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S.  $57^{\circ}00'00"$  W., 4.545 chs. dist.

Thence along the arc of a circular curve to the right, having a radius of 900.00 ft.; the long chord of said arc bears N.  $23^{\circ}24'40"$  W., 4.430 chs. dist.

4.450 | Point of Tangency and point for a witness point.

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.



CHAINS

From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Tangency, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N. 76°30'00" E., 1.515 chs. dist.

From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, but not utilized to determine the Point of Tangency, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S.  $75^{\circ}45^{\circ}20$ " W., 4.545 chs. dist.

Thence N. 14°03'50" W., beginning new measurement.

55.323

Intersect the line bet. secs. 7 and 18 and point for a witness point.

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.

$$\begin{array}{c|c}
WP \\
S & 7
\end{array}$$

$$\begin{array}{c|c}
S & 18
\end{array}$$

2004

Thence N.  $14^{\circ}03'50"$  W., on a line parallel to and 100 feet easterly of the centerline of Nevada State Route No. 7, in sec. 7.

23.451

Angle point of Tangency and point for a witness point.

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 collar of stone, with brass cap mkd.



2004

From this point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears N.  $75^{\circ}56'10"$  E., 1.515 chs. dist.

	T. 13 S., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	From this same point, a Nevada Department of Transportation highway station utilized to determine the centerline of the right-of-way, monumented with a rebar, 1/2 in. diam., firmly set in a standard Nevada Department of Transportation concrete post, bears S. 75°56'10" W., 4.545 chs. dist.
	Thence N. 17°05'50" W. on the offset line, beginning new measurement.
59.898	Point for a witness point and intersection with the line bet. secs. 6 and 7.
	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 collar of stone, with brass cap mkd.
	S 6
	S \7
	2004
	Thence N. 17°05'50" W. on the offset line, in sec. 6.
81.727	Intersect the line bet. secs. 1 and 6, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd. as described in the field notes of the metes-and-bounds survey of T. 13 S. R. 63 E., executed concurrently under this same group.
	GENERAL DESCRIPTION
	The lands included in the survey are located in Clark County, Nevada, about 20 miles northwest of the community of Moapa, Nevada. Access is gained by way of Nevada State Route No. 168 and Nevada State Route No. 7, now abandoned.
	The area drains easterly and southerly into Wildcat Wash. Coyote Springs Valley runs northerly and southerly through the area surveyed.
	The elevations range from approximately 2100 feet above sea level at Pahranagat Wash in section 31, up to about 3500 feet

No apparent mineral activity was noted in the area during this survey.

above sea level near the one-quarter section corner of sections

5 and 6.

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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

Kenneth Burns

Field Technician (VTN, Inc.)

Kevin Campbell

Field Technician (VTN, Inc.)

### CERTIFICATE OF SURVEY

We, David J. Passmore, Professional Land Surveyor (VTN, Inc.) and Craig L. Wanless, Cadastral Surveyor (BLM), HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing date of the 9th day of October, 2003, and Amended Special Instructions bearing dates of the 10th day of November, 2003, and the 21st day of September, 2004, we have surveyed the Third Standard Parallel South, through a portion of Range 64 East, and portions of the south boundary and subdivisional lines, and executed a metes-and-bounds survey of a portion of Nevada State Route No. 168, and executed a metes-and-bounds survey through sections 6, 7, 18, 19, and 30, Township 13 South, Range 64 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.

September 27, 2004

(Date)

(Nevada  $P_T \phi$  fessional Land Surveyor)

September 28, 2004

(Date)

### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Reno, Nevada

The foregoing field notes of the survey of the Third Standard Parallel South, through a portion of Range 64 East, and portions of the south boundary and subdivisional lines, and a metes-and-bounds survey of a portion of Nevada State Route No. 168, and a metes-and-bounds survey through sections 6, 7, 18, 19, and 30, Township 13 South, Range 64 East, Mount Diablo Meridian, in the State of Nevada, executed by David J. Passmore, Professional Land Surveyor (VTN, Inc.) and Craig L. Wanless, Cadastral Surveyor (BLM), having been critically examined and found correct, are hereby approved.

September 29, 2004 (Date)

Acting (Chief Cadastral Surveyor, Nevada)

## CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 13 S., R. 64 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.

(Chief Cadastral Surveyor,