UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS OF
THE SOUTH BOUNDARY AND SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTION 2,
TOWNSHIP 6 SOUTH, RANGE 40 EAST,
OF THE MOUNT DIABLO MERIDIAN,
IN THE STATE OF NEVADA

EXECUTED BY

Richard A. Zaninovich, Cadastral Surveyor
Craig L. Wanless, Cadastral Surveyor

Under Special Instructions dated August 27, 2001,
and approved August 27, 2001,
which provided for the surveys included under Group No. 804,

and Assignment Instructions dated August 28, 2001 and July 9, 2003.

Survey commenced September 18, 2001 Survey completed July 21, 2003

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TOWNSHIP 6 SOUTH, RANGE 40 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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TOWNSHIP 6 SOUTH, RANGE 40 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of portions of the south boundary and subdivisional lines and the subdivision of section 2, Township 6 South, Range 40 East, Mount Diablo Meridian, Nevada.

The north, south, east, and west boundaries and subdivisional lines were surveyed by U.S. Deputy Surveyor N.L. Berdan in 1882 under Contract No. 154. The north boundary of section 1 was dependently resurveyed by U.S. Cadastral Engineer J.C. Thoma and U.S. Transitman L.R. Mercer in 1918 under Group No. 60. A portion of the north boundary was dependently resurveyed concurrently under the 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.

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 as set forth in the <u>Manual of Surveying Instructions</u>, 1973, and Special Instructions for Group 804 dated August 27, 2001.

The directions and distances of the lines of this survey were obtained by Trimble 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.

Geodetic control was derived from Global Positioning System (GPS) static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing the Continuously Operating Reference Stations (CORS) MINARET SUMMIT, MAMMOTH LAKES AND DYER.

The geographic position of the corner of sections 2, 3, 34 and 35, on the south boundary of the township, NAD 83 (1999), is as follows:

Latitude: 37°21'56.966" N. Longitude: 117°31'17.751" W.

The geographic position of the corner of sections 1, 2, 35 and 36, on the north boundary of the township, NAD 83 (1999), is as follows:

Latitude: 37°27'11.925" N. Longitude: 117°30'09.733" W.

The 1980 mean magnetic declination is 15° East, as shown on the U.S.G.S. quadrangle map "MAGRUDER MTN., NEV." provisional edition dated 1987.

	1. 6 S., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyor N.L. Berdan in 1882
	Beginning at the 1/4 sec. cor. of secs. 3 and 34, on the S. bdy. of the Tp., monumented with a basalt stone, 14x6x6 ins., (Record, 18x10x8 ins.), firmly set, projecting 7 ins. above the ground, mkd. 1/4 on W. face.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 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.
	T6S R40E 1/4 $\frac{S34}{S}$ T7S
	2003
	Deposit the original corner monument alongside the stainless steel post.
	S. 88°58'30" W., bet. secs. 3 and 34.
	Descend over W. slope.
0.70	Wash, drains S. 40° E.; asc. over SE. slope.
9.80	Graveled road, 20 lks. wide, bears N. 40° W. and S. 40° E., and spur, slopes S. 40° E.; desc. over SW. slope.
40.154	Point for the cor. of secs. 3, 4, 33 and 34, at proportionate distance; there is no remaining evidence of the original cor.
	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 ft. base, to top, with brass cap mkd.
	T6S R40E
	S33 S34 S 4 S 3
	T7S
	2003
	S. 88°58'30" W., bet. secs. 4 and 33.
	Over rolling hills.
40.154	Point for the 1/4 sec. cor. of secs. 4 and 33, at proportionate distance; there is no remaining evidence of the original cor.

CHAINS

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.

T6S R40E 1/4 S33 S 4 T7S

2003

Over rolling hills.

56.10 Graveled road, 20 lks. wide, bears N. 33° E. and S. 33° W.

80.308 The cor. of secs. 4, 5, 32 and 33, monumented with a basalt stone, 12x7x5 ins., (Record, 11x10x9 ins.), firmly set, projecting 8 ins. above the ground, with 4 grooves on one face and 1 groove on opposite face, in a mound of stone, 2 ft. diam., 1 ft. high.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.

T6S R40E S32 S33 S 5 S 4 T7S

2001

Deposit the original corner monument alongside the stainless steel post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 6 S., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyor N.L. Berdan in 1882

From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented with a rebar, 1/2 in. diam., firmly set, projecting 5 ins. above the ground, in a mound of stone, 2 ft. diam., 6 ins. high, alongside of which is a basalt stone, 14x4x3 ins., (Record, 16x8x7 ins.), laying loosely on ground, with 5 grooves on one face and 1 groove on opposite face.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

CHAINS	T6S R40E R41E
	<u>s 1 s 6</u>
	S12 S 7
	2003
	Deposit the original monument alongside and rebar inside of the stainless steel post.
	S. 88°24'00" W., bet. secs. 1 and 12.
	Ascend over SE. slope.
39.714	Point for the $1/4$ sec. cor. of secs. 1 and 12, at proportionate distance; there is no remaining evidence of the original cor.
	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.
	T6S R40E 1/4
	2003
	Ascend over E. slope.
79.428	Point for the cor. of secs. 1, 2, 11 and 12, at proportionate distance; there is no remaining evidence of the original cor.
	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, 2 ft. base, to top, with brass cap mkd.
	T6S R40E S 2 S 1 S11 S12
	2003
	From this cor., the cor. of secs. 23, 24, 25 and 26, bears S. 0°21'20" W., 240.204 chs. dist., monumented with a basalt stone, 20x7x6 ins., laying loosely on the ground, mkd. with 2 grooves on one face and 1 groove on adjacent face, in a mound of stone, 2 ft. diam., 6 ins. high, North of cor.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T6S R40E S23 S24 S26 S25
	2003

CHAINS	Deposit the original corner monument alongside the stainless steel post.
	This control line was fully retraced and a careful search was made for intervening corners, none of which were found.
	N. 0°02'00" W., bet. secs. 1 and 2.
	Descend over North slope, through pine timber.
20.016	Point for the S 1/16 sec. cor. of secs. 1 and 2.
	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.
	S 1/16 S 2 S 1
	2003
	Descend over North slope.
40.032	Point for the $1/4$ sec. cor. of secs. 1 and 2, at proportionate distance; there is no remaining evidence of the original cor.
	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.
	T6S R40E 1/4 S 2 S 1
	2003
	Descend over North slope.
60.048	Point for the N $1/16$ sec. cor. of secs. 1 and 2.
	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 S 2 S 1
	2003
	Descend over North slope.
	From this cor., a cor. established by Wallace T. Boundy, Nevada Professional Land Surveyor No. 2518, bears N. 2°05'20" E., 0.602 chs. dist., monumented with a rebar, 5/8 in. diam., firmly set, flush with the surface of the ground, with plastic cap mkd. BOUNDY RLS 2518. (Survey not recorded in Esmeralda County Courthouse.)

CHAINS	Descend over gradual North slope.
80.615	The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 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. 5 S., R. 40 E., executed concurrently under this same group.
	From the cor. of secs. 1, 2, 11 and 12.
	N. 89°43'40" W., bet. secs. 2 and 11.
	Descend along North slope, through pine timber.
39.768	Point for the 1/4 sec. cor. of secs. 2 and 11, at proportionate distance; there is no remaining evidence of the original cor.
	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, 2 ft. base, to top, with brass cap mkd.
	T6S R40E 1/4 S 2 S11
	2003
	Descend along North slope.
79.536	Point for the cor. of secs. 2, 3, 10 and 11, at proportionate distance; there is no remaining evidence of the original cor.
	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, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T6S R40E S 3 S 2
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	2003
	From this cor., the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., bears S. 0°31'10" W., 402.596 chs. dist., monumented with a basalt stone, 20x8x6 ins., (Record, 11x9x8 ins.) firmly set, projecting 6 ins. above the ground, mkd. with 2 grooves on E. face and 4 grooves on W. face.
	At the corner point
	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.

	T. 6 S., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	T6S R40E S34 S35 S 3 S 2
	T7S
	2001
	Deposit the original corner monument alongside the stainless steel post.
	This control line was fully retraced and a careful search was made for intervening corners, none of which were found.
	N. 0°13'20" W., bet. secs. 2 and 3.
	Over North slope; through pine timber.
20.129	Point for the S 1/16 sec. cor. of secs. 2 and 3.
	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.
	S 1/16 S 3 S 2
	2003
	Descend over North slope.
40.258	Point for the 1/4 sec. cor. of secs. 2 and 3, at proportionate distance; there is no remaining evidence of the original cor.
	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.
	T6S R40E 1/4 S 3 S 2
	2003
	Descend over gradual North slope.
49.75	Nevada State Route No. 266, asphalt surface, 50 lks. wide, bears N. 45° E. and S. 45° W.
80.828	The cor. of secs. 2, 3, 34 and 35, on the N. 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. 5 S., R. 40 E., executed concurrently under this same group.

CHAINS	From the cor. of secs. 2, 3, 10 and 11.
	S. 89°57'00" W., bet. secs. 3 and 10.
	Over rolling hills.
39.507	Point for the 1/4 sec. cor. of secs. 3 and 10, at proportionate distance; there is no remaining evidence of the original cor.
	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.
	$\frac{\text{T6S R40E}}{1/4} \frac{\text{S } 3}{\text{S10}}$
	2003
	Over rolling hills.
79.014	Point for the cor. of secs. 3, 4, 9 and 10, at proportionate distance; there is no remaining evidence of the original cor.
	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.
	T6S R40E S 4 S 3
	s 9 S10
	2003
	From this cor., the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinbefore described, bears S. 0°42'50" W., 402.913 chs. dist.
	This control line was fully retraced and a careful search was made for intervening corners, none of which were found.
	From this same cor., the cor. of secs. 5, 6, 7 and 8, bears N. 89°12'20" W., 157.726 chs. dist., monumented with a granite stone, 18x12x12 ins., (Record, 20x16x8 ins.), mkd. with 5 grooves on S. face and 5 grooves on E. face, firmly set, in mound of stone, 2 ft. diam., 6 ins. high.
	At the corner point
	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, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T6S R40E S 6 S 5 S 7 S 8
	2003
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CHAINS	Deposit the original corner monument alongside the stainless steel post.
	This control line was fully retraced and a careful search was made for intervening corners, none of which were found.
	N. 0°55'50" W., bet. secs. 3 and 4.
	Descend over north slope; through pine timber.
19.00	Nevada State Route No. 266, asphalt surface, 50 lks. wide, bears N. 79°30" E. and S. 79°30" W.
40.293	Point for the 1/4 sec. cor. of secs. 3 and 4, at proportionate distance; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 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.
	T6S R40E 1/4 S 4 S 3
	2003
	Over rolling hills.
80.767	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, in a mound of stone, 4 ft. diam., with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the S. bdy. of T. 5 S., R. 40 E., executed concurrently under this same group.
	SUBDIVISION OF SECTION 2, T. 6 S., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the 1/4 sec. cor. of secs. 2 and 11.
	N. 0°26'50" W., on the N. and S. center line of sec. 2.
	Descend over North slope; through pine timber.
20.074	Point for the C-S 1/16 sec. cor. of sec. 2.
	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.
	s 1/16 s 2 C
	2003

SUBDIVISION OF SECTION 2, T. 6 S., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 6 S., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	Descend over North slope.
40.148	Point for the center 1/4 sec. cor. of sec. 2, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.
	T6S R40E C 1/4 S 2
	2003
)	Descend over North slope.
60.401	Point for the C-N 1/16 sec. cor. of sec. 2.
	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 S 2
	2003
	From this point, a point established by Wallace T. Boundy, Nevada Professional Land Surveyor No. 2518, bears S. 89°20'50" E., 0.245 chs. dist., monumented with a rebar, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, with plastic cap mkd. RLS 2518 BOUNDY. (Survey not recorded in Esmeralda County Courthouse.)
	Descend over gradual North slope.
77.30	Nevada State Route No. 266, asphalt surface, 50 lks. wide, bears N. 70° E. and S. 70° W.
81.089	The 1/4 sec. cor. of secs. 2 and 35, on the N. 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. 5 S., R. 40 E., executed concurrently under this same group.
	From the 1/4 sec. cor. of secs. 1 and 2.
	N. 89°34'00" W., on the E. and W. center line of sec. 2.
	Descend along North slope; through scattering pine timber.
40.055	The center 1/4 sec. cor. of sec. 2.
	Descend along North slope.
79.663	The 1/4 sec. cor. of secs. 2 and 3.

SUBDIVISION OF SECTION 2, T. 6 S., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 6 S., R. 40 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	From the N 1/16 sec. cor. of secs. 1 and 2.
	N. $89^{\circ}14'00"$ W., on the E. and W. center line of the NE1/4 of sec. 2.
:	Over rolling hills.
40.201	The C-N 1/16 sec. cor. of sec. 2.
	From the S 1/16 sec. cor. of secs. 1 and 2.
	N. 89°38'50" W., on the E. and W. center line of the SE1/4 of sec. 2.
	Descend along North slope; through pine timber.
39.911	The C-S 1/16 sec. cor. of sec. 2.
	N. 89°38'50" W., on the E. and W. center line of the SW1/4 of sec. 2.
	Descend along North slope; through pine timber.
39.688	The S 1/16 sec. cor. of secs. 2 and 3.
	GENERAL DESCRIPTION
	The lands included in this survey are located in Esmeralda County, about 28 miles southwest of the community of Goldfield, Nevada. The area can be reached from Goldfield by traveling southerly on U.S. Highway No. 95, thence westerly on Nevada State Route No. 266. Numerous graveled and dirt roads provide access to the area.
	The terrain varies from nearly level to mountainous. The elevation ranges from about 5700 feet to about 9000 feet above sea level. The soil is sandy clay loam and gravel. The vegetation consists of pine, cacti, sagebrush and native grasses.

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Michael A. Derby

Jeremiah J. Lee

Surveying Technician

Clay W. Morrow

Surveying Technician

Matthew Norman Surveying Technician

CERTIFICATE OF SURVEY

We, Richard A. Zaninovich and Craig L. Wanless, Cadastral Surveyors, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing date of the 27th day of August, 2001, we have dependently resurveyed portions of the south boundary and subdivisional lines and subdivided section 2, Township 6 South, Range 40 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. 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.

	Havid W. Morlan
July 21, 2005	/ For Richard A. Zaninovich
(Date)	(Cadastral Surveyor)
June 30, 2005	Cidea (Unula)
(Date)	(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Reno, Nevada

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The foregoing field notes of the dependent resurvey of portions of the south boundary and subdivisional lines and subdivision of section 2, Township 6 South, Range 40 East, Mount Diablo Meridian, Nevada, executed by Richard A. Zaninovich and Craig L. Wanless, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

July 21, 2005
(Date)

Wasdo W. Morlan

(Chief Cadastral Surveyor, Nevada)

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 6 S. R. 40 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.