UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A PORTION OF THE WEST BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

AND THE SUBDIVISION OF SECTION 18,

TOWNSHIP 19 SOUTH, RANGE 62 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Richard A. Zaninovich, Cadastral Surveyor

Under Special Instructions dated March 9, 1999,

and approved March 9, 1999,

which provided for the surveys included under Group No. 780,

and Assignment Instructions dated March 9, 1999.

Survey commenced March 16, 1999 Survey completed January 12, 2000

INDEX DIAGRAM

TOWNSHIP 19 SOUTH, RANGE 62 EAST

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TOWNSHIP 19 SOUTH, RANGE 62 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines, and the subdivision of section 18, Township 19 South, Range 62 East, Mount Diablo Meridian, Nevada.

The west boundary and subdivisional lines were surveyed by U.S. Deputy Surveyors R.H. Woods and W.H. Myrick in 1881-82 under Contract No. 111. A portion of the west boundary was resurveyed by Cadastral Surveyor R.E. Williams in 1991 under Group No. 697. Other surveys remote to the area of this survey are not included in this history.

Before restoring the corners, the lines of the original surveys were retraced and 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 Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 780, dated March 9, 1999.

Measurements were made with Trimble 4400 and 4700 series GPS receivers. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.

The geographic position, NAD83 (1994), of the corner of sections 13, 18, 19, and 24, T. 19 S., Rs. 61 and 62 E., as determined by a tie made to U.S. Coast and Geodetic Survey station "SNIPE" is as follows:

Latitude 36°17′28.88" N. Longitude 115°05′55.09" W.

The mean magnetic declination is 15° E., as shown on U.S.G.S. quadrangle map "VALLEY" dated 1974.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY, T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

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CHAINS	Reestablishment of the Survey Executed by Woods and Myrick in 1881 and the Resurvey Executed by R.E. Williams in 1991
	Beginning at the cor. of secs. 13, 18, 19, and 24, monumented with a stainless steel post, $2^1/_2$ ins. diam., set in a collar of stone, with brass cap mkd. as described in the field notes of the 1991 resurvey.
	From this corner U.S. Coast and Geodetic Survey station "SNIPE", monumented with a standard brass tablet, stamped SNIPE 1957, set in a concrete post, bears S. 43°00′50" W., 151.780 chs. dist.
	N. 0°33'20" E., bet. secs. 13 and 18.
	Along east edge of a graded road which bears N-S.
41.026	The $^{1}/_{4}$ sec. cor. of secs. 13 and 18, monumented with a stainless steel post, $2^{1}/_{2}$ ins. diam., projecting 4 ins. above the ground with brass cap mkd. as described in the field notes of the 1991 resurvey.
	N. 0°01'50" W., beginning new measurement.
10.230	Point for the S-N $^{1}/_{64}$ sec. cor. of secs. 13 and 18; not monumented.
20.460	Point for the N $^{1}/_{16}$ sec. cor. of secs. 13 and 18. Point falls on east edge of a graded road, where it is impracticable to establish a permanent monument.
40.20	Power transmission line, E-W.
40.920	The cor. of secs. 7, 12, 13, and 18, monumented with a stainless steel post, $2^{1}/_{2}$ ins. diam., set in a collar of stone, with brass cap mkd. as described in the field notes of the 1991 resurvey.
	DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA
	Reestablishment of the Survey Executed by Woods and Myrick in 1882
	From the cor. of secs. 17, 18, 19, and 20, monumented with an iron post, 2 ins. diam., set flush with the surface of the ground at the corner of fences projecting north and east, with brass cap mkd.:
	CLARK COUNTY T19S R62E S18 S17
	S19 S20 NEVADA
	This monument was set by the U.S. Army Corps of Engineers as shown on Record of Survey, File 1, Page 10, on file in the office of the Clark County Recorder; it is accepted as the best available evidence of the position of the original corner.

	T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	S. 89°35'40" W., bet. secs. 18 and 19.
21.343	The E $^{1}/_{16}$ sec. cor. of secs. 18 and 19, monumented with a rebar, $^{5}/_{8}$ in. diam., set flush with the surface of a graded road which bears E-W, with an aluminum cap mkd.:
	PLS 10160 T19S S18 E 1/16 — S19 R62E 1999 CNLV SURVEY MONUMENT
	This monument was set and referenced by Bartlett C. Dalton as shown on Record of Survey, File 102, Page 51, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.
Control and the control and th	From this corner reference monuments, $^{5}/_{8}$ in. rebar with aluminum caps mkd. CNLV SURVEY MONUMENT PLS 10160 and the distance, bear:
	N. 34°57′10" E., 71.73 ft. S. 41°10′50" E., 71.93 ft. S. 34°57′10" W., 64.31 ft. N. 41°10′50" W., 79.67 ft.
	S. 89°35'40" W., beginning new measurement.
21.343	The \$^1/4\$ sec. cor. of secs. 18 and 19, monumented with a hub and tack, set flush with the surface of a graded road which bears E-W; this is accepted as a careful and faithful reestablishment of the corner position monumented and referenced by Larry E. Crow, PLS 9399, in 1993 as shown on Corner Record, Document No. 931215.01510, SHEET 53, on file in the office of the Clark County Recorder.
	From this corner reference monuments, $^{5}/_{8}$ in. rebar with aluminum caps mkd. NORTH LAS VEGAS SURVEY MONUMENT PLS 9399 RM and the distance, bear:
	N. 56°13'30" E., 67.89 ft. S. 47°15'40" E., 66.81 ft. S. 56°13'30" W., 68.60 ft. N. 47°15'40" W., 68.77 ft.
	S. 89°35'40" W., beginning new measurement.
40.40	Power transmission line, N-S.
40.966	The cor. of secs. 13, 18, 19, and 24, on the west boundary of the Tp.
	From the cor. of secs. 17, 18, 19, and 20.
	N. 0°16'50" E., bet. secs. 17 and 18.

	T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS 40.813	The $^{1}/_{4}$ sec. cor. of secs. 17 and 18, monumented with a rebar, $^{5}/_{8}$ in. diam., set flush with the surface of the ground, with an aluminum cap mkd.:
	PLS 10160 1/4 T19S S18 S17 R62E 1999 CNLV SURVEY MONUMENT
	This monument was set by Bartlett C. Dalton as shown on Record of Survey, File 102, Page 51, on file in the office of the Clark County Recorder and is accepted as a careful and faithful reestablishment of the position of the original corner.
	N. 0°16'50" E., beginning new measurement.
40.813	Point for the cor. of secs. 7, 8, 17, and 18, determined from ties shown on Record of Survey, File 102, Page 51, on file in the office of the Clark County Recorder; pipeline construction has removed the monument set by Bartlett C. Dalton, PLS 10160, in 1999 shown on this Record of Survey. These ties reestablish the position occupied by the remonumented original corner shown on Record of Survey, File 85, Page 86, on file in the office of the Clark County Recorder.
	Not monumented.
	C 20040/FOU W bot goes 7 and 19
C 44	S. 89°48'50" W., bet. secs. 7 and 18.
10.700	Along the north edge of a graded road which bears E-W.
10.708	The E-E $^{1}/_{64}$ sec. cor. of secs. 7 and 18, monumented with a rebar, $^{5}/_{8}$ in. diam., set flush with the surface of the ground, with an aluminum cap mkd.:
	PLS 10160 T19S
	S 7
	E-E 1/64 ————————————————————————————————————
	R62E 1999
	CNLV SURVEY MONUMENT
	This monument was set and referenced by Bartlett C. Dalton as shown on Record of Survey, File 102, Page 51, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.
	From this corner reference monuments, $^{5}/_{8}$ in. rebar with aluminum caps mkd. CNLV SURVEY MONUMENT PLS 10160 and the distance, bear:
	N. 43°47'20" E., 68.29 ft. S. 46°32'00" E., 66.69 ft. S. 43°47'20" W., 64.32 ft. N. 46°32'00" W., 59.73 ft.
1	

r	1. 19 S., R. OZ E., MOUNT DIADLO MEKIDIAN, MEVADA
CHAINS	S. 89°48'50" W. beginning new measurement.
10.708	The E $^1/_{16}$ sec. cor. of secs. 7 and 18, monumented with a rebar, $^5/_8$ in. diam., set flush with the surface of the ground, with an aluminum cap mkd.:
	PLS 10160 T19S S 7 E 1/16 — S18 R62E 1999 CNLV SURVEY MONUMENT This monument was set and referenced by Bartlett C. Dalton as shown on Record of Survey, File 102, Page 51, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position. From this corner reference monuments, 5/8 in. rebar with aluminum caps mkd. CNLV SURVEY MONUMENT PLS 10160 and the distance, bear: N. 44°51′00" E., 73.49 ft. S. 45°25′50" E., 90.69 ft. S. 44°51′00" W., 87.23 ft. N. 45°25′50" W., 87.10 ft.
	S. 89°48'50" W., beginning new measurement.
21.416	The $^{1}/_{4}$ sec. cor. of secs. 7 and 18, monumented with a brass tablet set in concrete, flush with the surface of the ground, mkd.:
	NORTH LAS VEGAS T19S R62E S 7
	1/4
	1993 PLS 9399
	SURVEY MONUMENT
	This monument was set and referenced by Larry E. Crow as shown on Corner Record, Document No. 931215.01510, SHEET 54, on file in the office of the Clark County Recorder and is accepted as a careful and faithful reestablishment of the position of the original corner.
	From this corner reference monuments, $^{5}/_{8}$ in. rebar with aluminum caps mkd. NORTH LAS VEGAS SURVEY MONUMENT PLS 9399 RM and the distance, bear:
	N. 25°15'40" E., 64.08 ft. s. 48°15'50" E., 60.00 ft.
	s. 25°15′40" W., 59.73 ft. N. 48°15′50" W., 60.98 ft.
	S. 89°48'50" W., beginning new measurement.
21.416	Point for the W $^{1}/_{16}$ sec. cor. of secs. 7 and 18; not monumented.
1	

	1. 15 S., R. 02 E., MOONT PINES IERIPIN, IZVIEN
CHAINS 40.829	The cor. of secs. 7, 12, 13, and 18, on the west boundary of the Tp.
	SUBDIVISION OF SECTION 18 T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the $^1/_4$ sec. cor. of secs. 18 and 19.
	N. 0°10'20" E., on the N-S center line of section 18.
20.460	The center S $^{1}/_{16}$ sec. cor., monumented with a rebar, $^{5}/_{8}$ in. diam., set flush with the surface of the ground, with aluminum cap mkd.: AL HAGEN PLS 7755; this monument was set by Allen L. Hagen in 1997 as shown on Record of Survey, File 89, Page 3, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.
	N. 0°10'20" E., beginning new measurement.
20.460	The center $^{1}/_{4}$ sec. cor., monumented with a brass tablet set in concrete, flush with the surface of the ground, mkd.:
	PLS 10160 T19S
	C 1/4 S18
	R62E 1999
	CNLV SURVEY MONUMENT
	This monument was set and referenced by Bartlett C. Dalton as shown on Record of Survey, File 102, Page 51, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.
	From this corner reference monuments, $^5/_8$ in. rebar with aluminum caps mkd. CNLV SURVEY MONUMENT PLS 10160 and the distance, bear:
	N. 39°39′40" E., 56.03 ft.
	s. 37°44′00" E., 63.15 ft. s. 39°39′40" W., 64.98 ft.
	N. 37°44′00" W., 65.27 ft.
	N. 0°10'20" E., beginning new measurement.
20.435	The center N $^1/_{16}$ sec. cor., monumented with a rebar, $^5/_8$ in. diam., set flush with the surface of the ground, with an aluminum cap mkd.:
	PLS 10160
	CN 1/16 S 18 T19S
	R62E 1999
and the same of th	CNLV SURVEY MONUMENT
	This monument was set and referenced by Bartlett C. Dalton as shown on Record of Survey, File 102, Page 51, on file in the office of the Clark County Recorder and is accepted as a careful and faithful determination of the corner position.

SUBDIVISION OF SECTION 18, T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

aluminum ce, bear:
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aluminum ce, bear:
, 24 ins. cap mkd.

SUBDIVISION OF SECTION 18, T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS 40.686	The $^{1}/_{4}$ sec. cor. of secs. 13 and 18, on the west boundary of the Tp.
	From the center W $^{1}\!/_{16}$ sec. cor.
	N. 0°02'10" W., on the N-S center line of the $\mathrm{NW}^1/_4$.
10.224	Point for the center S-NW $^{1}/_{64}$ sec. cor.
	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.
	S 18 C-S-NW 1/64 1999
20.448	Point for the NW $^1\!/_{16}$ sec. cor., at intersection with the E-W center line of the NW $^1\!/_4$.
	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.
	NW 1/16 S18 1999
40.896	The point for the W $^1/_{16}$ sec. cor. of secs. 7 and 18.
	From the center N $^{1}/_{16}$ sec. cor.
	S. 89°46'20" W., on the E-W center line of the $\mathrm{NW}^1/_4$.
21.342	The NW $^{1}/_{16}$ sec. cor.
32.012	Point for the center W-NW $^{1}/_{64}$ sec. cor.
	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.
	S 18 C-W-NW 1/64 1999
37.347	Point for the center W-W-NW 1/256 sec. cor.
	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.
	S 18 C-W-W-NW 1/256 2000
40.20	Power transmission line, N-S.
40.756	The point for the N $^{1}/_{16}$ sec. cor. of secs. 13 and 18, on the west boundary of the Tp.
	From the point for the center W-W $^{1}/_{64}$ sec. cor.

SUBDIVISION OF SECTION 18, T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA

P	T. 19 S., R. 62 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	N. 0°08'20" W., on the N-S center line of the $SW^1/_4NW^1/_4$.
10.227	Point for the SW-NW $^1/_{64}$ sec. cor., at intersection with the E-W center line of the ${\rm SW}^1/_4{\rm NW}^1/_4$.
	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.
	S 18 SW-NW 1/64 1999
20.454	The center W-NW 1/64 sec. cor.
	From the center S-NW 1/64 sec. cor.
	s. 89°45'20" W., on the E-W center line of the $\mathrm{SW}^1/_4\mathrm{NW}^1/_4$.
10.652	The SW-NW $^{1}/_{64}$ sec. cor.
15.978	Point for the center W-SW-NW $^{1}\!/_{256}$ sec. cor.
	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.
	S 18 C-W-SW-NW 1/256 2000
18.90	Power transmission line, N-S.
19.416	The point for the S-N $^{1}/_{64}$ sec. cor. of secs. 13 and 18, on the west boundary of the Tp.
	From the center W-SW-NW $^{1}\!/_{256}$ sec. cor.
	N. 0°11'40" W., on the N-S center line of the $\mathrm{NW}^1/_4\mathrm{SW}^1/_4\mathrm{NW}^1/_4$.
10.229	The center W-W-NW $^{1}/_{256}$ sec. cor.
	GENERAL DESCRIPTION
	The average elevation of the area surveyed is about 2100 feet. General drainage is to the south. Vegetation consists of creosote and cacti.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Clay W. Morrow Surveying Technician

CERTIFICATE OF SURVEY

I, Richard A. Zaninovich, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 9th day of March, 1999, I have dependently resurveyed a portion of the west boundary and a portion of the subdivisional lines, and subdivided section 18, Township 19 South, Range 62 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.

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines, and the subdivision of section 18, Township 19 South, Range 62 East, Mount Diablo Meridian, Nevada, executed by Richard A. Zaninovich, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

(Date)

Water Cadastral Surveyor, Nevada)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 19 S., R. 62 E., M.D.M., Nevada, is a true copy of the original field notes.

(Chief Cadastral Surveyor, Nevada)