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 CERTAIN SECTIONS,

TOWNSHIP 18 SOUTH, RANGE 51 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

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Under Special Instructions dated February 2, 2006, and approved February 2, 2006,

which provided for the surveys included under Group No. 833, and Assignment Instructions dated February 6, 2007 and March 29, 2012.

Survey commenced February 7, 2007

Survey completed May 31, 2012

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CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of certain sections, Township 18 South, Range 51 East, Mount Diablo Meridian, Nevada.

The exterior boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyor E.A. Carter in 1881-82 under Contract No. 128. The south boundary of section 31 was dependently surveyed by U.S. Surveyor R.C. Yundt in 1933 under Group No. 259 (California). The south five miles of the west boundary were retraced and the south two miles of the west boundary were dependently resurveyed by U.S. Surveyor R.C. Yundt and U.S. Transitman R.F. Wilson in 1933-34 under Group No. 259 (California). The corner of the Townships 17 and 18 South, Ranges 50 and 51 East was established by Cadastral Surveyor H.G. Parker in 1963 under Group No. 408. The north boundary was dependently resurveyed by Cadastral Surveyor E. W. Sibley in 1966 under Group No. 433. A portion of the north boundary was dependently resurveyed by Cadastral Surveyor D.A. Potts and Surveying Technician C.W. Morrow in 2006-07 under Group No. 832.

Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for any evidence of the position of the original corners and other calls of the original field note record.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with identified corner locations. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 833, dated February 2, 2006.

Measurements were made with Trimble R-8 Global Positioning System (GPS) receivers using the real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.

The NAD 1983 (CORS 96) geographic position of the corner of sections 28, 29, 32 and 33, determined from Global Positioning System GPS static observations processed by National Geodetic Survey, Online Positioning User Service(OPUS) utilizing Continuously Operating Reference Stations(CORS) NVCA CARLTON SQUARE 2 CORS ARP, NVBM BERMUDA CORS ARP and NVTP TROPICANA CORS ARP and carried forward by RTK measurements is as follows:

Latitude: 36°21'01.673" N. Longitude: 116°14'49.185" W.

The 1980 mean magnetic declination is $14^\circ30'$ E., as shown on the U.S.G.S. 7 1/2 minute quadrangle map "BOLE SPRING, NEV.-CALIF.", PROVISIONAL EDITION, dated 1987.

CHAINS

Reestablishment of a Portion of the Survey Executed by E.A. Carter, U.S. Deputy Surveyor, in 1881-82

Beginning at the cor. of secs. 28, 29, 32 and 33, monumented with a wooden post, 3 ins. square, 3 1/2 ft. long, loosely set in a mound of earth, 4 ft. base, 6 ins. high, mkd. illegible, witnessed with a rebar of unknown origin, 5/8 in. diam., 18 ins. long, firmly set, projecting 4 ins. above the ground, alongside the wooden post.

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.

T18S R51E S29 S28 S32 S33

2007

Insert rebar inside stainless steel post and bury wooden post alongside.

N. 2°26'50" W., bet. secs. 28 and 29.

Over nearly level land, through scattered sagebrush and $\ensuremath{\mathsf{mesquite}}$.

41.177

The 1/4 sec. cor. of secs. 28 and 29, monumented with a limestone, 12x12x10 ins., loosely set, mkd. 1/4 on the W. 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.

T18S R51E 1/4 S29|S28

2007

Bury limestone alongside stainless steel post.

N. 2°19'00" W., beginning new measurement.

41.005

The cor. of secs. 20, 21, 28 and 29, monumented with a limestone, 10x3x2 ins., loosely set in a mound of earth, 3 1/2 ft. base, 6 ins. high, mkd. with 2 notches on the S. edge and 4 notches on the E. edge, witnessed with a rebar of unknown origin, 5/8 in. diam., 20 ins. long, firmly set, projecting 4 ins. above the ground, alongside the limestone.

CHAINS 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. T18S R51E **S20** | S21 **S29** S28 2007 Insert rebar inside stainless steel post and bury limestone alongside. N. 2°41'00" W., bet. secs. 20 and 21. Over nearly level land, ascending gradually through scattered sagebrush. 29.90 Graveled road, 38 lks. wide, bears N. 36° W. and S. 36° E. 41.221 The 1/4 sec. cor. of secs. 20 and 21, monumented with a limestone, 8x6x3 ins. (Record, 18x13x11 ins.), loosely set in a mound of earth and stone, 3 1/2 ft. base, 1 1/2 ft. high, mkd. 1/4 on the W. face, witnessed with a rebar of unknown origin, 5/8 in. diam., 20 ins. long, firmly set, projecting 4 ins. above the ground, alongside the limestone. 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. T18S R51E 1/4**S20** | S21 2007 Insert rebar inside stainless steel post and bury limestone alongside. N. 2°16'10" E., beginning new measurement. 38.183 The cor. of secs. 16, 17, 20 and 21, monumented with a granite stone, 12x8x8 ins., loosely set, mkd. with 3 notches on the S. edge and 4 notches on the \bar{E} . edge, with a mound of stone, 5 ft. base, 2 1/2 ft. high, 9 lks. S. of corner. At the corner point

CHAINS 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. T18S R51E S17 S16 S20 S21 2007 Bury granite stone alongside stainless steel post. N. 0°11'00" W., bet. secs. 16 and 17. Over nearly level land, ascending gradually through scattered sagebrush. The 1/4 sec. cor. of secs. 16 and 17, monumented with a 41.047 limestone, 22x14x10 ins., loosely set, dimly mkd. 1/4 on the W. face, with a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of corner, witnessed with a rebar of unknown origin, 1/2 in. diam., 18 ins. long, firmly set, projecting 4 ins. above the ground, alongside the limestone. At the corner point 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. T18S R51E 1/4S17 S16 2007 Insert rebar inside stainless steel post and bury limestone alongside. N. 0°07'50" E., beginning new measurement. 10.45 Fence, bears E. and W. The cor. of secs. 8, 9, 16 and 17, monumented with a limestone, 41.042 18x14x10 ins., loosely set in a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, mkd. with 4 notches on the S. edge and 4 notches on the E. edge, witnessed with a rebar of unknown origin, 1/2 in. diam., 12 ins. long, firmly set, projecting 1 1/2 ins. above the ground, alongside the limestone. At the corner point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 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. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	T18S R51E S 8 S 9 S17 S16
	2007
	Insert rebar inside stainless steel post and bury limestone alongside.
	N. 3°06'20" W., bet. secs. 8 and 9.
	Over nearly level land, ascending gradually through scattered sagebrush.
41.752	The 1/4 sec. cor. of secs. 8 and 9, monumented with a limestone, 22x14x8 ins., firmly set, projecting 16 ins. above the ground, in a mound of stone, 1 1/2 ft. base, 1 ft. high, mkd. 1/4 on the W. face, witnessed with a rebar of unknown origin, 1/2 in. diam., 18 ins. long, firmly set flush with ground, alongside the limestone.
	At the corner 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, 2 1/2 ft. base, to top, with brass cap mkd.
	T18S R51E
	1/4 S 8 S 9
	2007
	Insert rebar inside stainless steel post and bury limestone alongside.
	N. 2°09'40" E., beginning new measurement.
	Over nearly level land, ascending gradually, through scattered sagebrush.
40.808	The cor. of secs. 4, 5, 8 and 9, reestablished by person(s) unknown, monumented with a rebar, 1/2 in. diam., 14 ins. long, firmly set, projecting 4 ins. above the ground, in a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high. This monument correlates well with the description and position accepted by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 16), and is accepted as the best available evidence of the position of the original corner.
	At the corner point
- W	

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,

	T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	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.
	T18S R51E S 5 S 4 S 8 S 9
	2007
	Insert rebar inside stainless steel post.
	N. 0°58'30" W., bet. secs. 4 and 5.
	Over nearly level land, ascending gradually through scattered sagebrush.
41.596	Point for the 1/4 sec. cor. of secs. 4 and 5, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T18S R51E 1/4 S 5 S 4
	2007
62.394	The N 1/16 sec. cor. of secs. 4 and 5, determined by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, monumented with a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above the ground, with plastic cap mkd. RLS 4428, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 13). This is accepted as a careful and faithful determination of the position of the corner.
	N. 0°58'30" W., beginning new measurement.
	Ascend steep slope.
20.465	The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set in a mound of stone, 5 ft. base, 3 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of the S. bdy. of T. 17 S., R. 51 E., executed under Group No. 433.
	From the cor. of secs. 28, 29, 32 and 33.
	S. 87°45'50" W., bet. secs. 29 and 32.

Over nearly level land, through scattered sagebrush.

	T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
41.453	Point for the 1/4 sec. cor. of secs. 29 and 32, at proportionate distance; a wooden post, 3 ins. square, 3 ft. long, no mks. visible, was found laying loose nearby, the original position indeterminable.
	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.
	T18S R51E
	S29
	1/4 —— S32
	552
	2007
	Bury wooden post alongside stainless steel post.
82.906	The cor. of secs. 29, 30, 31 and 32, monumented with a wooden post, 3 ins. square, 4 ft. long, loosely set in a mound of earth, 3 1/2 ft. base, 2 ft. high, mkd. illegible.
	At the corner point
	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, 4 ft. base, to top, with brass cap mkd.
	T18S R51E S30 S29
	S31 S32
	2007
	Reset wooden post alongside stainless steel post.
	N. 89°47'40" W., bet. secs. 30 and 31.
	Over nearly level land, through scattered sagebrush.
41.724	Point for the 1/4 sec. cor. of secs. 30 and 31, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T18S R51E
	S30
	1/4 —
	S31
	2007

	1. 16 S., R. SI E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
82.102	The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, with brass cap mkd. as described in the field notes of the resurvey of a portion of the east boundary of T. 18 S., R. 50 E., executed under California Group No. 259.
	From the cor. of secs. 29, 30, 31 and 32.
	N. 0°49'30" W., bet. secs. 29 and 30.
	Over nearly level land, through scattered sagebrush.
41.022	Point for the 1/4 sec. cor. of secs. 29 and 30, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T18S R51E
	1/4 S30 S29
	530 523
	2007
41.85	Fence, bears E. and W.
61.533	Point for the N 1/16 sec. cor. of secs. 29 and 30.
	POINT NOT MONUMENTED
82.044	The cor. of secs. 19, 20, 29 and 30, perpetuated by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 8 ins. above the ground, in a collar of stone, 2 ft. base, 6 ins. high, with brass cap, 3 1/2 ins. diam., mkd. T18S R51E S19 S20 S29 S30 1973 CHILTON ENGINEERING RLS 1404 ELKO NEVADA, as recorded in Nye County, Nevada, Record of Survey, Document No. 37465. This is accepted as a careful and faithful perpetuation of the position of the original corner.
	From the cor. of secs. 20, 21, 28 and 29.
	S. 87°39'00" W., bet. secs. 20 and 29.
	Over nearly level land, through scattered sagebrush.
20.165	Point for the E 1/16 sec. cor. of secs. 20 and 29.
	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.

	1. 16 S., R. SI E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	S20
	E 1/16 —— S29
	2007
	2007
20.20	Fence, bears N. and S.
40.330	Point for the 1/4 sec. cor. of secs. 20 and 29, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T18S R51E
	1/4 ——
	S29
	2007
80.660	The cor. of secs. 19, 20, 29 and 30.
	N. 89°38'00" W., bet. secs. 19 and 30.
	Over nearly level land, through scattered sagebrush.
20.548	Point for the E 1/16 sec. cor. of secs. 19 and 30.
	POINT NOT MONUMENTED
41.096	The 1/4 sec. cor. of secs. 19 and 30, reestablished by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap, 3 1/2 ins. diam., mkd. T18S R51E 1/4 S19 S30 1973 CHILTON ENGINEERING RLS 1404 ELKO NEVADA, as recorded in Nye County, Nevada, Record of Survey, Document No. 37465. This is accepted as a careful and faithful reestablishment of the position of the original corner.
	N. 89°38'00" W., beginning new measurement.
	Over nearly level land, through scattered sagebrush.
39.462	The true point for the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., as established by a resurvey of the E. bdy., T. 18 S., R. 50 E., executed concurrently under Group No. 834.
	From this point, the witness cor. to the cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the resurvey of a portion of the east boundary of T. 18 S., R. 50 E., executed under California Group No. 259, bears N. 0°16'30" E., 0.200 chs.

	i. 10 S., K. Si B., Neoni Birbbo imkibira, Nevibri
CHAINS	From the cor. of secs. 19, 20, 29 and 30.
	N. 0°07'40" E., bet. secs. 19 and 20.
	Over nearly level land, through scattered sagebrush.
39.967	The 1/4 sec. cor. of secs. 19 and 20, reestablished by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap, 3 1/2 ins. diam., mkd. T18S R51E 1/4 S19 S20 1973 CHILTON ENGINEERING RLS 1404 ELKO NEVADA, as recorded in Nye County, Nevada, Record of Survey, Document No. 37465. This is accepted as a careful and faithful reestablishment of the position of the original corner.
	N. 0°07'10" E., beginning new measurement.
39.974	The cor. of secs. 17, 18, 19 and 20, reestablished by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap, 3 1/2 ins. diam., mkd. T18S R51E S17 S18 S19 S20 1973 CHILTON ENGINEERING RLS 1404 ELKO NEVADA, as recorded in Nye County, Nevada, Record of Survey, Document No. 37465. This is accepted as a careful and faithful reestablishment of the position of the original corner.
	From the cor. of secs. 16, 17, 20 and 21.
	S. 88°04'10" W., bet. secs. 17 and 20.
	Over nearly level land, through scattered sagebrush.
20.008	Point for the E 1/16 sec. cor. of secs. 17 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, 2 1/2 ft. base, to top, with brass cap mkd.
	S17 E 1/16 S20
	2007
	From this point, a position determined by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, bears S. 37° W., 7.8 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground, with plastic cap mkd. LS (the rest being illegible), as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 19). This position was based on accepting the mound of stone as the true position for the cor. of secs. 16, 17, 20 and 21 and is not utilized in the course of this survey.
20.02	Fence, bears N. and S.

	1. 10 S., R. SI E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
35.80	Graveled road, 38 lks. wide, bears N. 28° W. and S. 28° E.
40.016	Point for the 1/4 sec. cor. of secs. 17 and 20, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T18S R51E
	S17
	1/4 —— S20
	2007
80.032	The cor. of secs. 17, 18, 19 and 20.
	N. 1°18'40" E., bet. secs. 17 and 18.
	Over nearly level land, through scattered sagebrush.
39.855	The 1/4 sec. cor. of secs. 17 and 18, reestablished by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap, 3 1/2 ins. diam., mkd. T18S R51E 1/4 S17 S18 1973 CHILTON ENGINEERING RLS 1404 ELKO NEVADA, as recorded in Nye County, Nevada, Record of Survey, Document No. 37465. This is accepted as a careful and faithful reestablishment of the position of the original corner.
	N. 1°18'10" E., beginning new measurement.
31.00	Graveled road, 37 lks. wide, bears N. 70° W. and S. 70° E.
39.860	The cor. of secs. 7, 8, 17 and 18, reestablished by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., 20 ins. long, with top portion bent, set 2 ins. below the ground, with brass cap, 3 1/2 ins. diam., mkd. T18S R51E S7 S8 S17 S18 1973 CHILTON ENGINEERING RLS 1404 ELKO NEVADA, as recorded in Nye County, Nevada, Record of Survey, Document No. 37465. The vertical position is accepted as a careful and faithful reestablishment of the position of the original corner.
	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	T18S R51E
	<u>s</u> 7 s 8
	S18 S17
	2007
	Bury iron post alongside stainless steel post.
	Cor. is located 0.32 chs. E. of graveled road, 30 lks. wide, bears N. and S.
	From the cor. of secs. 8, 9, 16 and 17.
	S. 86°17'20" W., bet. secs. 8 and 17.
	Over nearly level land, through scattered sagebrush.
19.568	The E 1/16 sec. cor. of secs. 8 and 17, determined by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, monumented with a rebar, 1/2 in. diam., 22 ins. long, firmly set, with top 6 ins. bent, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 19). Accepted the vertical position as a careful and faithful determination of the position of the corner.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	S 8
	E 1/16 ——
	S17
	2007
	Bury rebar alongside stainless steel post.
	S. 86°16'10" W., beginning new measurement.
19.571	Point for the 1/4 sec. cor. of secs. 8 and 17, at proportionate distance; there is no remaining evidence of the original corner or the monument reestablished by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 16).
	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.

	T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	T18S R51E S 8 1/4 —— S17
	2007
58.713	The cor. of secs. 7, 8, 17 and 18.
	N. 1°08'20" E., bet. secs. 7 and 8.
	Along graveled road.
42.909	Point for the 1/4 sec. cor. of secs. 7 and 8, at proportionate distance by the method of single proportion measurement of an irregular boundary adjustment, based on the record measurements to the position of the axle of unknown origin, accepted by Richard L. Hafen, Nevada, Professional Land Surveyor No. 4428, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 16), the axle was also accepted by Mark Chilton, Nevada Professional Engineer and Land Surveyor No. 1404, as recorded in Nye County, Nevada, Record of Survey, Document No. 37465, based on the harmonious relationship to a wood post found by Charles C. Armuth, Jr., Nevada Professional Land Surveyor No. 2161, as recorded in Nye County, Nevada, Record of Survey, Document No. 00082; there is no remaining evidence of the original monument or axle.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground in a collar of stone, over a plastic-encased magnet, with brass cap mkd.
	T18S R51E 1/4 S 7 S 8
	2007
	N. 4°30'10" W., beginning new measurement.
	Over nearly level land, ascending gradually.
44.253	The cor. of secs. 5, 6, 7 and 8, perpetuated by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, monumented with a rebar, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 16). This is accepted as a careful and faithful perpetuation of the position of the original corner.
	At the corner 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. base, to top, with brass cap mkd.

	T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	T18S R51E S 6 S 5 S 7 S 8
	2007
	Insert rebar inside stainless steel post.
	From the cor. of secs. 4, 5, 8 and 9.
	S. 89°36'30" W., bet. secs. 5 and 8.
	Over nearly level land, through scattered sagebrush.
40.004	The 1/4 sec. cor. of secs. 5 and 8, reestablished by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, monumented with a rebar, 5/8 in. diam., 24 ins. long, firmly set flush with the ground, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 16). This is accepted as a careful and faithful reestablishment of the position of the original corner.
	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.
	T18S R51E
	S 5 1/4 ——
	s 8
	2007
	Insert rebar inside stainless steel post.
	S. 89°37'10" W., beginning new measurement.
40.000	The cor. of secs. 5, 6, 7 and 8.
	N. 0°00'40" W., bet. secs. 5 and 6.
	Over nearly level land, through scattered sagebrush.
41.383	The 1/4 sec. cor. of secs. 5 and 6, reestablished by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, monumented with a rebar, 5/8 in. diam., 24 ins. long, firmly set, projecting 2 ins. above the ground, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 13). This is accepted as a careful and faithful reestablishment of the position of the original corner.

CHAINS	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.
	T18S R51E
	1/4 S 6 S 5
	'
	2007
	Insert rebar inside stainless steel post.
	N. 0°00'40" W., beginning new measurement.
40.859	The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set in a collar of stone, projecting 6 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the S. bdy. of T. 17 S., R. 51 E., executed under Group No. 433.
	SUBDIVISION OF SECTION 17, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the 1/4 sec. cor. of secs. 17 and 20.
	N. 0°37'50" E., on the N-S center line of sec. 17.
	Over nearly level land, through scattered sagebrush.
10.60	Graveled road, 38 lks. wide, bears S. 20° E and N. 20° W.
40.450	Point for the center 1/4 sec. cor. of sec. 17, at intersection with the E-W center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	T18S R51E C 1/4 S17
	2007
80.895	The 1/4 sec. cor. of secs. 8 and 17.
	From the 1/4 sec. cor. of secs. 16 and 17.
	S. 87°10'20" W., on the E-W center line of sec. 17.
	Over nearly level land, through scattered sagebrush.

SUBDIVISION OF SECTION 17, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 16 S., R. SI E., MOONI DIADLO MERIDIAN, NEVADA
CHAINS	
19.732	Point for the center E 1/16 sec. cor. of sec. 17.
	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.
	E 1/16
	C C
	S17
	2007
	From this point a position determined by Richard L. Hafen, Nevada Professional Land Surveyor No. 4428, bears East, 0.2 lks. dist., monumented with a rebar, 5/8 in. diam., 20 ins. long, with plastic cap remains alongside, firmly set, projecting 2 ins. above the ground, as recorded in Nye County, Nevada, Record of Survey, Document No. 17152 (Sheet 19). This position was based on accepting the mound of stone as the true position for the cor. of secs. 16, 17, 20 and 21 and is not utilized in the course of this survey.
	This rebar occupies the position of the stainless steel post and was buried alongside the stainless steel post.
20.10	Fence, bears N. and S.
39.464	The center 1/4 sec. cor. of sec. 17.
50.60	Graveled road, 38 lks. wide, bears N. 20° W. and S. 20° E.
79.033	The 1/4 sec. cor. of secs. 17 and 18.
	From the center E 1/16 sec. cor. of sec. 17.
	N. 0°22'50" E., on the N-S center line of the NE1/4 of sec. 17.
	Over nearly level land, through scattered sagebrush, on the E. side of a fence bearing N. and S.
11.30	Fence, bears E. and W.
40.748	The E 1/16 sec. cor. of secs. 8 and 17.
	From the E $1/16$ sec. cor. of secs. 17 and 20.
	N. 0°13'00" E., on the N-S center line of the SE1/4 of sec. 17.
	Over nearly level land, through scattered sagebrush, on E. side of fence bearing N. and S.
40.747	The center E 1/16 sec. cor. of sec. 17.

SUBDIVISION OF SECTION 20, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	From the 1/4 sec. cor. of secs. 20 and 29.
	N. 0°05'20" W., on the N-S center line of sec. 20.
	Over nearly level land, through scattered sagebrush.
40.623	Point for the center 1/4 sec. cor. of sec. 20, at intersection with the E-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, with brass cap mkd.
	T18S R51E C 1/4 S20
	2007
79.634	The 1/4 sec. cor. of secs. 17 and 20.
	From the 1/4 sec. cor. of secs. 20 and 21.
	S. 86°42'40" W., on the E-W center line of sec. 20.
	Over nearly level land, through scattered sagebrush.
7.50	Graveled road, 38 lks. wide, bears N. 36° W. and S. 36° E.
18.45	Fence, bears N. and S.
19.244	Point for the center E 1/16 sec. cor. of sec. 20.
	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.
	E 1/16
	C—————————————————————————————————————
	2007
38.488	The center $1/4$ sec. cor. of sec. 20.
78.696	The 1/4 sec. cor. of secs. 19 and 20.
	From the center E 1/16 sec. cor. of sec. 20.
	N. 1 $^{\circ}$ 04 $^{\circ}$ 50" E., on the N-S center line of the NE1/4 of sec. 20.
	Over nearly level land, through scattered sagebrush.
16.30	Graveled road, 38 lks. wide, bears N. 36° W. and S. 36° E.
37.30	Fence, bears N. and S.
38.590	The E $1/16$ sec. cor. of secs. 17 and 20.

SUBDIVISION OF SECTION 20, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	From the E 1/16 sec. cor of secs. 20 and 29.
	N. 1°23'40" W., on the N-S center line of the SE1/4 of sec. 20.
	Over nearly level land, through scattered sagebrush, along fence.
40.913	The center E 1/16 sec. cor. of sec. 20.
	SUBDIVISION OF SECTION 29, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the 1/4 sec. cor. of secs. 29 and 32.
	N. 1°36'20" W., on the N-S center line of sec. 29.
	Over nearly level land, through scattered sagebrush.
40.52	Fence, bears E. and W.
41.098	Point for the center 1/4 sec. cor. of sec. 29, at intersection with the E-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, with brass cap mkd.
	T18S R51E
	C 1/4 S29
	2007
82.106	The 1/4 sec. cor. of secs. 20 and 29.
	From the 1/4 sec. cor. of secs. 28 and 29.
	S. 87°39'00" W., on the E-W center line of sec. 29.
	Over nearly level land, through scattered sagebrush.
20.422	Point for the center E 1/16 sec. cor. of sec. 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.
	E 1/16
	C———C S29
	2007
22.15	Fence, bears N. and S.
40.844	The center 1/4 sec. cor of sec. 29.

SUBDIVISION OF SECTION 29, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 10 S., K. SI E., MONI BIRDO MENDIAN, NEVERN
CHAINS	
57.80	Fence, bears N. and S.
81.735	The 1/4 sec. cor. of secs. 29 and 30.
	From the center E 1/16 sec. cor. of sec. 29.
	N. 1°57'40" W., on the N-S center line of the NE1/4 of sec. 29.
	Over nearly level land.
41.008	The E 1/16 sec. cor. of secs. 20 and 29.
	SUBDIVISION OF SECTION 30, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the 1/4 sec. cor. of secs. 30 and 31.
	N. 0°23'30" W., on the N-S center line of sec. 30.
	Over nearly level land, through scattered sagebrush.
41.055	Point for the center 1/4 sec. cor. of sec. 30, at intersection with the E-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, with brass cap mkd.
	T18S R51E C 1/4 S30
	2007
41.55	Fence, bears E. and W.
61.603	Point for the center N 1/16 sec. cor. of sec. 30.
	POINT NOT MONUMENTED
82.151	The 1/4 sec. cor. of secs. 19 and 30.
	From the 1/4 sec. cor. of secs. 29 and 30.
	N. 89°44'40" W., on the E-W center line of sec. 30.
	Over nearly level land, through scattered sagebrush.
20.704	Point for the center E 1/16 sec. cor. of sec. 30.
	POINT NOT MONUMENTED
41.408	The center 1/4 sec. cor. of sec. 30.
81.349	The 1/4 sec. cor. of secs. 25 and 30.

SUBDIVISION OF SECTION 30, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	From the point for the center E 1/16 sec. cor. of sec. 30.
	N. 0°36'40" W., on the N-S center line of the NE1/4 of sec. 30.
	Over nearly level land, through scattered sagebrush.
0.70	Fence, bears E. and W.
20.530	Point for the NE 1/16 sec. cor. of sec. 30, at intersection with the E-W center line of the NE1/4.
	POINT NOT MONUMENTED
30.795	Point for the C-N-NE 1/64 sec. cor. of sec. 30.
	POINT NOT MONUMENTED
41.060	The E 1/16 sec. cor. of secs. 19 and 30.
	From the N $1/16$ sec. cor. of secs. 29 and 30.
	N. 89°41'20" W., on the E-W center line of the NE1/4 of sec. 30.
	Over nearly level land, through scattered sagebrush.
20.625	The point for the NE 1/16 sec. cor. of sec. 30.
41.250	The point for the C-N 1/16 sec. cor. of sec. 30.
	From the point for the C.N. NF 1/64 gar, son of san 20
	From the point for the C-N-NE 1/64 sec. cor. of sec. 30.
	N. 89°39'40" W., on the computed E-W center line of the NW1/4 NE1/4 of sec. 30.
1.287	Point for the C-E-E-E-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED
	N. 0°35'40" W., on the computed N-S center line of the SE1/4 SE1/4 NE1/4 NW1/4 NE1/4 of sec. 30.
2.566	Point for the C-E-SE-NE-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED
	N. 0°35'40" W., on a portion of the computed N-S center line of the NE1/4 SE1/4 NE1/4 NW1/4 NE1/4 of sec. 30.
1.283	Point for the NE-NE-SE-NE-NW-NE 1/4096 sec. cor., at its computed position.
	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.
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SUBDIVISION OF SECTION 30, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
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	N. 89°39'00" W., on a portion of the computed E-W center line of the NE1/4 SE1/4 NE1/4 NW1/4 NE1/4 of sec. 30.
1.286	Point for the C-N-SE-NE-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED
	N. 89°39'00" W., on the computed E-W center line of the NW1/4 SE1/4 NE1/4 NW1/4 NE1/4 of sec. 30.
2.572	Point for the C-N-S-NE-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED
	N. 89°39'00" W., on the computed E-W center line of the NE1/4 SW1/4 NE1/4 NW1/4 NE1/4 of sec. 30.
2.572	Point for the C-N-SW-NE-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED
	N. 89°39'00" W., on a portion of the computed E-W center line of the NW1/4 SW1/4 NE1/4 NW1/4 NE1/4 of sec. 30.
1.286	Point for the NW-NW-SW-NE-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	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.
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	S. 0°30'40" E., on a portion of the computed N-S center line of the NW1/4 SW1/4 NE1/4 NW1/4 NE1/4 of sec. 30.
1.284	Point for the C-W-SW-NE-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED

SUBDIVISION OF SECTION 30, T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	S. 0°30'40" E., on the computed N-S center line of the SW1/4 SW1/4 NE1/4 NW1/4 NE1/4 of sec. 30.
2.567	Point for the C-W-W-E-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	POINT NOT MOUNUMENTED
	S. 0°30'40" E., on the computed N-S center line of the NW1/4 NW1/4 SE1/4 NW1/4 NE1/4 of sec. 30.
2.567	Point for the C-W-NW-SE-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	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.
	4096
	2007
	S. 89°40'00" E., on a portion of the computed E-W center line of the NW1/4 SE1/4 NW1/4 NE1/4 of sec. 30.
1.287	Point for the C-NW-SE-NW-NE 1/1024 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED
3.861	Point for the C-N-SE-NW-NE 1/1024 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED
	S. 89°40'00" E., on a portion of the computed E-W center line of the NE1/4 SE1/4 NW1/4 NE1/4 of sec. 30.
2.574	Point for the C-NE-SE-NW-NE 1/1024 sec. cor. of sec. 30, at its computed position.
	POINT NOT MONUMENTED
3.861	Point for the C-E-NE-SE-NW-NE 1/4096 sec. cor. of sec. 30, at its computed position.
	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.
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SUBDIVISION OF SECTION 30, R. 51 E., MOUNT DIABLO MERIDIAN. NEVADA

	T. 18 S., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	N. 0°35'40" W., on the N-S center line of the NE1/4 NE1/4 SE1/4 NW1/4 NE1/4 of sec. 30.
2.566	The point for the C-E-E-E 1/4096 sec. cor. of sec. 30.
	GENERAL DESCRIPTION
	The lands included in the survey are located in Nye County, Nevada, approximately 20 miles northwest of Pahrump, Nevada, and 4 miles northeast of the Nevada-California state line in Amargosa Valley on the Ash Meadows National Wildlife Refuge. The area is nearly level and slopes gradually to the southwest with no distinctive drains. The area is covered with scattered sagebrush and mesquite. Prior to the establishment of the refuge, the areas usage was farming, ranching and mining. There is very little remaining evidence of farming or ranching. Mining activity is limited to sec. 24, where there is a refinery on private property with ore being hauled to the mill located in California. The elevation of the area is approximately 2200 feet above sea level.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

25

FIELD ASSISTANTS

Michelle E. Martin Supervisory Range Technician

Supervisory Range Technician Derrick J. Rader

Geographic Coordinate Database Technician Clarence D. Strickland

CERTIFICATE OF SURVEY

We, Lance A. Barney and Thomas E. Casinger, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 2nd day of February, 2006, We have dependently resurveyed a portion of the subdivisional lines and subdivided certain sections, Township 18 South, Range 51 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.

November 30, 2012

/ For Lance A. Barney (Cadastral Surveyor)

November 30, 2012 (Date)

(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 certain sections, Township 18 South, Range 51 East, of the Mount Diablo Meridian, Nevada, executed by Lance A. Barney and Thomas E. Casinger, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

November 30, 2012

(Chief Cadastral Surveyor, Nevada)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in T. 18 S., R. 51 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor, Nevada)