

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

PORTIONS OF THE WEST AND NORTH BOUNDARIES

AND A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTIONS 6 AND 18,

AND

THE SURVEY OF THE MEANDERS OF PORTIONS

OF THE 4144 FOOT CONTOUR LINE,

TOWNSHIP 30 NORTH, RANGE 33 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Don R. Aschenbach, Cadastral Surveyor

Under Special Instructions dated July 10, 2009,

and approved July 10, 2009,

and Supplemental Special Instructions dated June 6, 2011

and approved June 6, 2011,

which provided for the surveys included under Group No. 879,

and Assignment Instructions dated August 10, 2009.

Survey commenced August 11, 2009

Survey completed October 6, 2011

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TOWNSHIP 30 NORTH, RANGE 33 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of portions of the west and north boundaries and a portion of the subdivisional lines, the subdivision of sections 6 and 18, and the survey of the meanders of portions of the 4144 foot contour line, Township 30 North, Range 33 East, Mount Diablo Meridian.

The west boundary and portions of the north and south boundaries and subdivisional lines were surveyed by U.S. Deputy Surveyor E.H. Dyer in 1863 under Contract "E". A portion of the north boundary was dependently resurveyed and a portion of the north boundary was surveyed by U.S. Deputy Surveyor H.B. Maxson in 1893 under Contract No. 199. A portion of the south boundary was surveyed by U.S. Deputy Surveyor H.B. Maxson in 1893 under Contract No. 201. A portion of the north boundary was dependently resurveyed, and a portion of the north boundary and the east boundary were surveyed by U.S. Deputy Surveyor F.H. Criss in 1901 under Contract No. 224. A portion of the north and south boundaries and subdivisional lines were retraced, the east boundary was dependently resurveyed and the remaining subdivisional lines were surveyed by U.S. Surveyor W.H. Craigue and Transitman N.E. Potter in 1912 under Group No. 14. The west boundary and portions of the north and south boundaries and subdivisional lines were dependently resurveyed by Cadastral Surveyor J.R. Munson in 1975-1976 under Group No. 523. A portion of the north boundary was dependently resurveyed by Cadastral Surveyor R.E. Williams in 1983-1984 under Group No. 606. The history of mineral surveys located in the eastern portion of the township are omitted.

Before restoring the corners, the lines of the original survey and resurveys were retraced and diligent search made for any evidence of the original corners and other calls of the field note records.

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, Special Instructions for Group No. 879, dated July 10, 2009, and Supplemental Special Instructions for Group No. 879, dated June 6, 2011.

Measurements were made with Trimble 5700 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 4144 foot contour line was determined utilizing survey grade global positional system receivers and was based on the National Geodetic Vertical Datum of 1929.

The NAD 1983 (CORS 96) geographic position of the cor. of Tps. 30 and 31 N., Rs. 32 and 33 E., determined from GPS static observations processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) GARL GARLIC CORS ARP, UPSA UPSAL HOGBACK CORS ARP, and TUNG TUNGSTEN CORS ARP, in 2009, and carried forward by RTK observations is as follows:

TOWNSHIP 30 NORTH, RANGE 33 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Latitude: 40°30'03.797" N. Longitude: 118°19'21.958" W.</p> <p>The NAD 1983 (CORS 96) geographic position of the 1/4 sec. cor. of secs. 17 and 18, determined from GPS static observations processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) GARL GARLIC CORS ARP, UPSA UPSAL HOGBACK CORS ARP, and TUNG TUNGSTEN CORS ARP, in 2009, and carried forward by RTK observations is as follows:</p> <p>Latitude: 40°27'54.913" N. Longitude: 118°18'15.573" W.</p> <p>The mean magnetic declination is 16° E., as shown on U.S.G.S. 7 1/2 minute quadrangle map "RYE PATCH DAM, NEVADA", dated 1987.</p> <hr/> <p style="text-align: center;">DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY, T. 30 N., R. 33 E., MOUNT DIALBO MERIDIAN, NEVADA</p> <hr/> <p style="text-align: center;">Reestablishment of the Survey Executed by U.S. Deputy Surveyor E.H. Dyer in 1863, and the Dependent Resurvey Executed by Cadastral Surveyor James R. Munson in 1975-76</p> <hr/> <p>Beginning at the 1/4 sec. cor. of secs. 1 and 6, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.</p> <p>N. 1°20'20" E., bet. secs. 1 and 6.</p> <p>Over gently rolling land, through scattered shadscale.</p>
15.327	<p>Point for a witness point, at intersection with the 4144 foot contour line, on the west side of Rye Patch Reservoir.</p> <p>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.</p> <div style="text-align: center; margin: 10px 0;"> <p style="margin: 0;">WP T30N R32E R33E S 1 S 6 2009</p> </div>
18.00	<p>Waters edge, Rye Patch Reservoir, bears E. and W.; across reservoir.</p>
24.40	<p>Waters edge, Rye Patch Reservoir, bears NE. and SW.; over rolling land.</p>

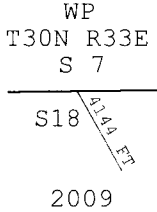
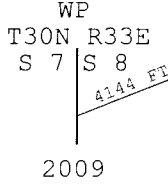
DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
38.640	<p>The cor. of Tps. 30 and 31 N., Rs. 32 and 33 E., monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.</p>
<hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY, T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>	
<p>Reestablishment of the Survey Executed by U.S. Deputy Surveyor E.H. Dyer in 1863, and the Dependent Resurvey Executed by Cadastral Surveyor James R. Munson in 1975-76</p> <hr/>	
<p>From the 1975 witness cor. to the 1/4 sec. cor. of secs. 6 and 31, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.</p>	
<p>N. 89°49'30" W., bet. secs. 6 and 31.</p>	
<p>Over low rolling hills, covered with scattered shadscale.</p>	
2.10	<p>Waters edge, Rye Patch Reservoir, bears N. and S.; across reservoir.</p>
4.110	<p>True point for the 1/4 sec. cor. of secs. 6 and 31, at record distance based on the official record of the 1975-76 resurvey; falls in Rye Patch Reservoir.</p>
25.10	<p>Waters edge, Rye Patch Reservoir, bears N. and S.; over nearly level land.</p>
44.080	<p>The cor. of Tps. 30 and 31 N., Rs. 32 and 33 E., hereinbefore described.</p>
<hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>	
<p>Reestablishment of the Survey Executed by U.S. Deputy Surveyor E.H. Dyer in 1863, and the Dependent Resurvey Executed by Cadastral Surveyor James R. Munson in 1975-76</p> <hr/>	
<p>From the 1/4 sec. cor. of secs. 17 and 18, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.</p>	

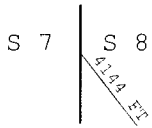
DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	N. 1°28'00" W., bet. secs. 17 and 18. Over rolling land, through scattered sagebrush and greasewood.
12.60	Power line, bears ESE. and WNW.
17.60	Telephone line, bears E. and W.
19.752	Point for the N 1/16 sec. cor. of secs. 17 and 18. 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 S18 S17 2009
20.09	Nevada State Route 401, asphalt surfaced, 42 lks. wide, bears ESE. and WNW.
29.628	Point for the N-N 1/64 sec. cor. of secs. 17 and 18. 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-N 1/64 S18 S17 2011
39.504	The cor. of secs. 7, 8, 17 and 18, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.
	S. 89°00'30" W., bet. secs. 7 and 18. Over rolling land, through scattered greasewood and shadscale.
9.869	Point for a witness point, at intersection with the 4144 foot contour line, on the east side of Rye Patch Reservoir. 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.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<div style="text-align: center;">  <p>WP T30N R33E S 7 S 18 4144 FT 2009</p> </div>
12.20	Waters edge, Rye Patch Reservoir, bears N. and S.; across reservoir.
20.105	Point for the E 1/16 sec. cor. of secs. 7 and 18, falls in Rye Patch Reservoir; no permanent monument established.
35.10	Waters edge, Rye Patch Reservoir, bears N. and S.; over rolling land.
40.210	The 1/4 sec. cor. of secs. 7 and 18, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523.
	<hr/> <p>From the cor. of secs. 7, 8, 17 and 18. N. 1°20'10" E., bet. secs. 7 and 8. Over nearly level land, through scattered greasewood and shadscale.</p>
27.147	<p>Point for a witness point, at intersection with the 4144 foot contour line, on the east side of Rye Patch Reservoir.</p> <p>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.</p>
	<div style="text-align: center;">  <p>WP T30N R33E S 7 S 8 4144 FT 2009</p> </div>
30.112	<p>Point for a witness point, at intersection with the 4144 foot contour line, on the east side of Rye Patch Reservoir.</p> <p>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.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p style="text-align: center;">WP T30N R33E</p>  <p style="text-align: center;">2009</p>
39.583	<p>The 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.</p> <hr/> <p>From the cor. of secs. 5, 6, 7 and 8, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.</p> <p>N. 89°53'50" W., bet. secs. 6 and 7.</p> <p>Over nearly level land, through scattered sagebrush and shadscale.</p>
8.507	<p>The 1975 witness point on the line bet. secs. 6 and 7, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.</p> <hr/> <p>N. 89°55'50" W., beginning new measurement.</p>
10.405	<p>Intersect the 4144 foot contour line, on the east side of Rye Patch Reservoir, falls on steep slope; no permanent monument established.</p>
11.20	<p>Waters edge, Rye Patch Reservoir, bears SE. and NW.; across reservoir.</p>
11.484	<p>Point for the E 1/16 sec. cor. of secs. 6 and 7, falls in Rye Patch Reservoir; no permanent monument established.</p>
31.475	<p>Point for the 1/4 sec. cor. of secs. 6 and 7, at proportionate distance, based on the official record of the 1975-76 resurvey; falls in Rye Patch Reservoir; no permanent monument established.</p>
37.00	<p>Waters edge, Rye Patch Reservoir, bears N. and S.; over nearly level land.</p>
41.575	<p>Intersect the 4144 foot contour line, on the west side of Rye Patch Reservoir, falls on steep slope; no permanent monument established.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
41.641	<p>Point selected for a witness point on the line bet. secs. 6 and 7.</p> <p>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.</p> <p style="text-align: center;">WP T30N R33E S 6 <hr/>S 7 2010</p>
71.871	<p>The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.</p>
<p>SUBDIVISION OF SECTION 6, T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA</p>	
39.938	<p>From the point for the 1/4 sec. cor. of secs. 6 and 7. N. 0°58'40" E., on the N-S center line of sec. 6. Across reservoir.</p> <p>Point for the center 1/4 sec. cor. of sec. 6, at intersection with the E-W center line, falls in Rye Patch Reservoir; no permanent monument established.</p>
78.887	<p>The true point for the 1/4 sec. cor. of secs. 6 and 31, on the N. bdy. of the Tp.</p> <p>From the 1/4 sec. cor. of secs. 5 and 6, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post alongside. N. 89°22'40" W., on the E-W center line of sec. 6. Over nearly level land, through scattered sagebrush and shadscale.</p>
19.991	<p>Point for the C-E 1/16 sec. cor. of sec. 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p>

SUBDIVISION OF SECTION 6,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p style="text-align: center;">E 1/16 C———C S 6 2009</p>
33.30	Waters edge, Rye Patch Reservoir, bears NE. and SW.; across reservoir.
39.982	The point for the center 1/4 sec. cor. of sec. 6.
63.50	Waters edge, Rye Patch Reservoir, bears N. and S.; over nearly level land.
69.057	Intersect the 4144 foot contour line, on the west side of Rye Patch Reservoir.
80.194	The 1/4 sec. cor. of secs. 1 and 6, on the W. bdy. of the Tp.
<hr/> <p>From the point for the E 1/16 sec. cor. of secs. 6 and 7. N. 0°59'00" E., on the N-S centerline of the SE1/4 of sec. 6. Across Rye Patch Reservoir.</p>	
1.80	Waters edge, Rye Patch Reservoir, bears NE. and SW.; over nearly level land.
3.864	<p>Point for a witness point, at intersection with the 4144 foot contour line, on the east side of Rye Patch Reservoir.</p> <p>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.</p>
<p style="text-align: center;">WP T30N R33E E S 6 4144 FT E 2010</p>	
6.548	<p>Point for a witness point, at intersection with the 4144 foot contour line, on the east side of Rye Patch Reservoir.</p> <p>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.</p>

SUBDIVISION OF SECTION 6,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p style="text-align: center;">WP T30N R33E E S 6 4144 FT E</p> <p style="text-align: center;">2009</p>
10.051	<p>Point for a witness point, at intersection with the 4144 foot contour line, on the east side of Rye Patch Reservoir.</p> <p>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.</p>
	<p style="text-align: center;">WP T30N R33E E S 6 4144 FT E</p> <p style="text-align: center;">2009</p>
39.746	<p>The C-E 1/16 sec. cor. of sec. 6.</p>
<p>SUBDIVISION OF SECTION 18, T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA</p>	
<p>From the 1/4 sec. cor. of secs. 18 and 19, monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523.</p>	
<p>Cor. is located in barbed wire fence, bears E. and W.</p>	
<p>N. 1°36'40" W., on the N-S center line of sec. 18.</p>	
<p>Over level land, covered with scattered sagebrush and cheat grass.</p>	
1.10	<p>Underground gas line, bears NE. and SW.</p>
1.80	<p>Gravel road, 20 lks. wide, bears NE. and SW.</p>
39.838	<p>Point for the center 1/4 sec. cor. of sec. 18, at intersection with the E-W center line.</p> <p>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.</p>

SUBDIVISION OF SECTION 18,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	T30N R33E C 1/4 S18 2009
53.30	Gravel road, 30 lks. wide, bears SE. and NW.
59.762	Point for the C-N 1/16 sec. cor. of sec. 18. POINT NOT MONUMENTED
68.14	Nevada State Route 401, asphalt surfaced, 42 lks. wide, curves SE. and NW.
79.686	The 1/4 sec. cor. of secs. 7 and 18.
	<hr/> From the 1/4 sec. cor. of secs. 17 and 18. S. 88°31'30" W., on the E-W center line of sec. 18. Over rolling land, covered with scattered sagebrush and greasewood.
9.50	Left bank of the Humboldt River, bears NE. and SW.; across river, course SW.
12.30	Right bank of the Humboldt River, bears NE. and NW.; across river.
19.60	Right bank of the Humboldt River, bears N. and S.; ascend steep slope.
20.061	The C-E 1/16 sec. cor. of sec. 18, determined by J.R. Caldwell, Nevada Professional Land Surveyor No. 626 in 1972, monumented with a rebar, 5/8 in. diam., firmly set flush with ground, with aluminum cap, 1 1/2 ins. diam., unreadable, as recorded in Pershing County, Nevada, Survey File No. 82308. This is accepted as a careful and faithful determination of the position of the corner.
	<hr/> S. 88°30'30" W., beginning new measurement Ascend steep slope covered with scattered sagebrush and cheat grass.
7.00	Barbed wire fence and edge of bluff, bears N. and S.; enter flats.
16.70	Jeep trail, 20 lks. wide, bears N. and S.
19.30	Gravel road, 30 lks. wide, bears N. and S.
20.051	The center 1/4 sec. cor. of sec. 18.

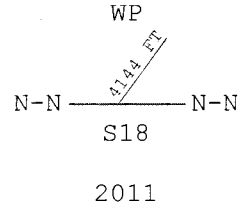
SUBDIVISION OF SECTION 18,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
59.962	The 1/4 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 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 T. 30 N., R. 33 E., executed under Group No. 523, with a steel fence post set alongside.
	<hr/> <p>From the C-E 1/16 sec. cor. of sec. 18.</p> <p>N. 1°31'30" W., on the N-S. center line of the NE1/4 of sec. 18.</p> <p>Along steep easterly slope covered with scattered sagebrush and greasewood.</p>
11.00	Asphalt road, 30 lks. wide, bears NE. and SW.
17.50	Toe of Rye Patch Reservoir Dam, bears NE. and SW.
19.835	The NE 1/16 sec. cor. of sec. 18, determined by person(s) unknown, monumented with a rebar, 5/8 in. diam., firmly set in concrete pad, projecting 5 ins. above the ground, with aluminum cap, 1 1/2 ins. diam., mkd. NW COR. This is accepted as a careful and faithful determination of the position of the corner.
	<hr/> <p>N. 1°32'10" W., beginning new measurement.</p> <p>Ascend up face of dam covered with scattered sagebrush.</p>
3.00	Nevada State Route 401, asphalt surfaced, 42 lks. wide, bears NE. and SW.
6.80	Waters edge, Rye Patch Reservoir, bears NE. and SW.; across reservoir.
9.918	Point for the C-N-NE 1/64 sec. cor. of sec. 18, falls in Rye Patch Reservoir, no permanent monument established.
19.836	The point for the E 1/16 sec. cor. of secs. 7 and 18.
	<hr/> <p>From the N 1/16 sec. cor. of secs. 17 and 18.</p> <p>S. 88°45'50" W., on the E-W center line of the NE1/4 of sec. 18.</p> <p>Over rolling land, covered with scattered sagebrush and greasewood.</p>
1.20	Asphalt road, 30 lks. wide, bears NE. and SW.
8.10	Gravel driveway, 30 lks. wide, bears SE. and NW.
11.40	Asphalt road, 30 lks. wide, bears NE. and SW.

SUBDIVISION OF SECTION 18,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
13.00	Left bank of the Humboldt River, bears N. and S.; across river, course S.
14.60	Right bank of the Humboldt River, bears N. and S.; enter scattered sagebrush and greasewood.
15.40	Asphalt road, 30 lks. wide, bears NE. and SW.
15.80	Toe of Rye Patch Reservoir Dam, bears NE. and SW.
20.080	The NE 1/16 sec. cor. of sec. 18.

	S. 88°45'50" W., beginning new measurement.
7.40	Asphalt road, 30 lks. wide, bears N. and SE.
18.10	Toe of slope, ascend.
20.080	The point for the C-N 1/16 sec. cor. of sec. 18.

	From the N-N 1/64 sec. cor. of secs. 17 and 18.
	S. 88°53'10" W., on the E-W centerline of the NE1/4NE1/4 of sec. 18.
	Over rolling land, covered with scattered sagebrush and greasewood.
6.776	Point for a witness point at the intersection with the 4144 foot contour line on the east side of Rye Patch Reservoir. 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.
	 <p style="text-align: center;">2011</p>
7.10	Edge of Rye Patch Reservoir, bears NE. and SW.; across water.
20.092	The point for the C-N-NE 1/64 sec. cor. of sec. 18.

MEANDERS OF PORTIONS OF THE 4144 FOOT CONTOUR LINE,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

MEMORANDUM

The survey of the meanders along the 4144 foot contour line in Township 30 North, Range 33 East, is required to identify certain boundaries of Reclamation withdrawn lands that will be transferred to the Pershing County Water Conservation District pursuant to P.L. 107-282. The 4144 foot contour line was determined utilizing survey grade global positional system receivers and was based on the National Geodetic Vertical Datum of 1929.

WEST SIDE OF RYE PATCH RESERVOIR

From the witness point on the line bet. secs. 1 and 6, on the W. bdy. of the Tp., S. 1°20'20" W., 23.313 chs. dist. from the cor. of Tps. 30 and 31 N., Rs. 32 and 33 E., both hereinbefore described.

Thence with the meanders along the 4144 foot contour line, on the west side of Rye Patch Reservoir, through a portion of the W 1/2 of sec. 6.

N. 34°13'20" E.,	4.248 chs. dist.	
S. 13°33'20" E.,	6.210 chs. dist.	At 3.50 chs. dist. on this course, spur, slopes NE.
N. 62°51'50" E.,	1.370 chs. dist.	
N. 8°22'50" E.,	3.833 chs. dist.	
S. 84°47'40" E.,	1.264 chs. dist.	At 0.60 chs. dist. on this course, spur, slopes N.
S. 9°33'00" W.,	3.273 chs. dist.	
S. 17°30'50" E.,	1.120 chs. dist.	
N. 39°56'50" E.,	2.340 chs. dist.	
S. 75°44'20" E.,	1.728 chs. dist.	Spur, slopes N.
S. 52°46'40" E.,	1.602 chs. dist.	
S. 20°05'30" W.,	0.618 chs. dist.	
N. 71°47'20" W.,	1.150 chs. dist.	
S. 32°06'10" W.,	0.885 chs. dist.	
S. 33°26'40" E.,	0.962 chs. dist.	
S. 61°47'30" W.,	0.730 chs. dist.	
S. 8°31'30" W.,	2.221 chs. dist.	
N. 79°22'10" W.,	0.973 chs. dist.	
S. 14°39'20" W.,	6.832 chs. dist.	

MEANDERS OF PORTIONS OF THE 4144 FOOT CONTOUR LINE,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS			
	S. 75°25'40" E.,	1.907 chs. dist.	At 1.20 chs. dist. on this course, wash, 20 lks. wide, drains NE.
	N. 80°53'40" E.,	2.506 chs. dist.	
	S. 5°15'20" E.,	2.509 chs. dist.	At end of course, intersect the E-W center line of sec. 6.
	S. 17°55'20" W.,	2.445 chs. dist.	
	S. 57°42'50" E.,	2.200 chs. dist.	
	S. 16°58'00" W.,	1.912 chs. dist.	
	S. 59°53'10" W.,	3.299 chs. dist.	
	S. 9°24'20" W.,	5.722 chs. dist.	
	S. 32°46'40" W.,	3.922 chs. dist.	
	S. 18°13'40" W.,	1.778 chs. dist.	
	N. 60°29'50" E.,	2.522 chs. dist.	Wash, 30 lks. wide, drains NE.
	N. 65°58'00" E.,	1.918 chs. dist.	
	S. 3°28'30" W.,	1.769 chs. dist.	Spur, slopes NE.
	S. 28°57'10" W.,	2.656 chs. dist.	
	S. 15°49'50" W.,	4.159 chs. dist.	
	S. 10°57'00" E.,	3.492 chs. dist.	
	N. 81°24'50"E.,	1.212 chs. dist.	At 0.70 chs. on this course, wash, 20 lks. wide, drains NE.
	N. 37°43'00" E.,	14.361 chs. dist.	
	N. 77°01'00" E.,	1.926 chs. dist.	
	S. 74°13'30" E.,	2.181 chs. dist.	
	S. 12°48'00" E.,	2.145 chs. dist.	
	N. 77°10'20" E.,	1.871 chs. dist.	
	S. 1°05'10" E.,	3.502 chs. dist.	
	S. 41°09'20" E.,	4.817 chs. dist.	
	S. 32°49'30" E.,	2.205 chs. dist.	
	S. 19°27'50" E.,	2.382 chs. dist.	

MEANDERS OF PORTIONS OF THE 4144 FOOT CONTOUR LINE,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS			
	S. 69°52'20" W.,	1.192 chs. dist.	At 0.60 chs. dist. on this course, spur, slopes SE.
	N. 34°37'40" W.,	3.474 chs. dist.	
	S. 63°08'00" W.,	2.201 chs. dist.	At 2.00 chs. dist. on this course, wash, 20 lks. wide, drains SE.
	S. 13°31'10" E.,	3.672 chs. dist.	
	S. 11°02'10" W.,	2.513 chs. dist.	
	S. 29°20'20" W.,	3.285 chs. dist.	
	N. 70°03'20" E.,	1.976 chs. dist.	
	S. 36°46'00" E.,	3.310 chs. dist.	Wash, 10 lks. wide, drains NE.
	N. 1°29'40" E.,	1.520 chs. dist.	
	N. 13°22'20" E.,	1.568 chs. dist.	Spur, slopes N.
	S. 27°19'10" E.,	5.875 chs. dist.	At end of course, intersect the 4144 foot contour line, on the west side of Rye Patch Reservoir, with the line bet. secs. 6 and 7, S. 89°55'50" E., 0.066 chs. dist. from the most westerly witness point of secs. 6 and 7, hereinbefore described.
EAST SIDE OF RYE PATCH RESERVOIR			
From the most northerly witness point on the N-S center line of the SE1/4 of sec. 6, N. 0°59'00" E., 3.503 chs. dist. from the middle witness point on the N-S center line of the SE1/4 of sec. 6, both hereinbefore described.			
Thence with meanders along the 4144 foot contour line, on the east side of Rye Patch Reservoir, through a portion of SE1/4SE1/4 of sec. 6.			
	N. 76°05'40" E.,	0.603 chs. dist.	
	N. 62°11'30" E.,	1.466 chs. dist.	
	N. 25°21'30" E.,	0.592 chs. dist.	
	S. 42°26'20" E.,	0.532 chs. dist.	
	S. 22°11'50" W.,	0.893 chs. dist.	
	S. 56°56'30" W.,	1.865 chs. dist.	Spur, slopes W.

MEANDERS OF PORTIONS OF THE 4144 FOOT CONTOUR LINE,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS		
	S. 70°41'40" E.,	1.071 chs. dist.
	S. 84°54'40" E.,	0.976 chs. dist.
	S. 25°06'40" E.,	0.100 chs. dist.
		Wash, 20 lks. wide, drains SW.
	S. 25°06'40" E.,	0.108 chs. dist.
	S. 78°26'20" W.,	2.441 chs. dist.
	S. 1°10'50" W.,	0.462 chs. dist.
	S. 71°53'30" E.,	1.047 chs. dist.
	S. 61°15'30" W.,	1.506 chs. dist.
		At end of course, the middle witness point on the N-S center line of the SE1/4 of sec. 6, N. 0°59'00" E., 2.684 chs. dist. from the most southerly witness point on the N-S center line of the SE1/4 of sec. 6, both hereinbefore described.
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	From the most southerly witness point on the N-S centerline of the SE1/4 of sec. 6, N. 0°59'00" E., 3.864 chs. dist. from the E 1/16 sec. cor. of secs. 6 and 7, both hereinbefore described.	
	Thence, with meanders along the 4144 foot contour line, on the east side of Rye Patch Reservoir, continuing through a portion of E1/2SE1/4 of sec. 6.	
	N. 30°24'20" E.,	0.786 chs. dist.
	N. 56°06'40" E.,	1.452 chs. dist.
	S. 10°53'40" W.,	1.248 chs. dist.
	S. 7°27'50" E.,	1.416 chs. dist.
		Spur, slopes SW.
	N. 62°48'40" E.,	1.775 chs. dist.
	N. 20°42'20" E.,	1.992 chs. dist.
	S. 52°20'20" E.,	0.364 chs. dist.
	S. 7°03'30" E.,	1.122 chs. dist.
	S. 69°53'20" E.,	0.912 chs. dist.
		At 0.50 chs. dist. on this course, spur, slopes SW.
	N. 50°01'40" E.,	1.292 chs. dist.
	N. 87°35'00" E.,	0.925 chs. dist.
		Wash, 20 lks. wide, drains SW.

MEANDERS OF PORTIONS OF THE 4144 FOOT CONTOUR LINE,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS		
	S. 31°20'20" E.,	0.435 chs. dist.
	S. 67°54'10" W.,	0.947 chs. dist.
	S. 30°19'00" W.,	1.056 chs. dist.
	S. 70°20'10" W.,	1.276 chs. dist.
	S. 56°38'10" W.,	1.280 chs. dist.
	S. 53°21'00" W.,	2.085 chs. dist.
	S. 82°12'10" W.,	0.719 chs. dist.
	S. 19°32'00" W.,	0.534 chs. dist.
	<p>At end of course, the point at the intersection of the 4144 foot contour line with the line bet. secs. 6 and 7, S. 89°55'50" E., 1.079 chs. dist. from the point for the point for the E 1/16 sec. cor. of secs. 6 and 7, both hereinbefore described.</p> <hr/> <p>From the most northerly witness point on the line bet. secs. 7 and 8, N. 1°20'10" E., 2.965 chs. dist. of the most southerly witness point on the line bet. secs. 7 and 8, both hereinbefore described.</p> <p>Thence with meanders along the 4144 foot contour line on the east side of Rye Patch Reservoir, through a portion of the NW1/4SW1/4 of sec. 8.</p>	
	S. 23°23'40" E.,	0.758 chs. dist.
	S. 86°25'40" E.,	0.636 chs. dist.
		At 0.30 chs. dist. on this course, spur, slopes S.
	N. 45°31'20" E.,	2.227 chs. dist.
	S. 1°23'00" W.,	1.013 chs. dist.
	S. 43°29'10" E.,	2.003 chs. dist.
	S. 1°46'50" W.,	0.849 chs. dist.
		At 0.40 chs. dist. on this course, wash, 20 lks. wide, drains SW.
	S. 89°24'50" W.,	1.943 chs. dist.

MEANDERS OF PORTIONS OF THE 4144 FOOT CONTOUR LINE,
T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>S. 77°00'40" W., 2.031 chs. dist. At end of course, the most southerly witness point on the line bet. secs. 7 and 8, N. 1°20'10" E., 27.147 chs. dist. from the cor. of secs. 7, 8, 17 and 18, both hereinbefore described.</p> <hr/> <p>From the witness point on the line bet. secs. 7 and 18, S. 89°00'30" W., 9.869 chs. dist. from the cor. of secs. 7, 8, 17 and 18, both hereinbefore described.</p> <p>Thence with the meanders along the 4144 ft. contour line, on the east side of Rye Patch Reservoir, through a portion of the NE1/4NE1/4 of sec. 18.</p> <p>S. 31°51'10" E., 1.843 chs. dist.</p> <p>N. 74°07'20" W., 2.521 chs. dist.</p> <p>S. 63°52'10" W., 4.181 chs. dist.</p> <p>S. 22°14'50" E., 1.607 chs. dist.</p> <p>S. 29°54'10" E., 4.221 chs. dist. Spur, slopes SW.</p> <p>S. 79°14'30" E., 1.345 chs. dist.</p> <p>N. 17°09'50" E., 1.729 chs. dist.</p> <p>S. 36°49'10" E., 1.570 chs. dist.</p> <p>N. 59°36'50" E., 1.465 chs. dist.</p> <p>N. 55°53'30" E., 1.662 chs. dist. Wash, 10 lks. wide, drains SW.</p> <p>S. 22°21'10" W., 1.578 chs. dist.</p> <p>S. 5°10'10" W., 1.422 chs. dist.</p> <p>N. 60°20'10" E., 2.409 chs. dist.</p> <p>S. 1°56'10" E., 0.408 chs. dist.</p> <p>S. 29°18'10" W., 1.944 chs. dist. At end of course, the witness point on the E-W center line of the NE1/4NE1/4 of sec. 18, on the east side of Rye Patch Reservoir, S. 88°53'10" W., 6.776 chs. dist. from the N-N 1/64 sec. cor. of secs. 17 and 18, both hereinbefore described.</p> <hr/>
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T. 30 N., R. 33 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	GENERAL DESCRIPTION
	<p data-bbox="431 321 1425 426">The area surveyed in T. 30 N., R. 33 E. is rolling and nearly level. The average elevation is about 4100 feet above sea level. The soil consists of sandy clay loam with some patches of gravel.</p> <p data-bbox="431 457 1406 485">The vegetation consists of shadscale and scattered sagebrush.</p> <p data-bbox="431 510 1458 562">The principal use of this area is for livestock grazing, camping boating and fishing.</p> <p data-bbox="431 588 1276 615">There was no mining activity noted during the survey.</p> <hr data-bbox="431 640 1458 646"/>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Jonathan Grayson

Survey Technician

Daniel R. Helmricks

Survey Aid

CERTIFICATE OF SURVEY

I, Don R. Aschenbach, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 10th day of July, 2009 and Supplemental Special Instructions bearing date of the 6th day of June, 2011, I have dependently resurveyed portions of the west and north boundaries and a portion of the subdivisional lines, subdivided sections 6 and 18, and executed a survey of the meanders of portions of the 4144 foot contour line, Township 30 North, Range 33 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.

February 16, 2012
(Date)

Don R. Aschenbach
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of portions of the west and north boundaries and a portion of the subdivisional lines, the subdivision of sections 6 and 18, and the survey of the meanders of portions of the 4144 foot contour line, Township 30 North, Range 33 East, Mount Diablo Meridian, Nevada, executed by Don R. Aschenbach, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

February 28, 2012
(Date)

David D. York
(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in T. 30 N., R. 33 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~_____~~
(Date)

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