

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

THE FOURTH STANDARD PARALLEL NORTH THROUGH A PORTION OF RANGE 63 EAST,

A PORTION OF THE WEST BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTIONS 6 AND 7,

AND

METES-AND-BOUNDS SURVEYS OF PORTIONS OF

THE EASTERLY AND WESTERLY RIGHT-OF-WAY LINES

OF THE NEVADA NORTHERN RAILWAY,

TOWNSHIP 20 NORTH, RANGE 64 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Kane M. Hellebust, Cadastral Surveyor

Clay W. Morrow, Surveying Technician

Under Special Instructions dated August 8, 2007,

and approved August 8, 2007,

which provided for the surveys included under Group No. 857,

and Assignment Instructions dated August 22, 2007.

Survey commenced June 17, 2008

Survey completed October 3, 2009

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TOWNSHIP 20 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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TOWNSHIP 20 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of the Fourth Standard Parallel North through a portion of Range 63 East, a portion of the west boundary and a portion of the subdivisional lines, the subdivision of sections 6 and 7, and metes-and-bounds surveys of portions of the easterly and westerly right-of-way lines of the Nevada Northern Railway, Township 20 North, Range 64 East, of the Mount Diablo Meridian, Nevada.

The north boundary (Fourth Standard Parallel North) was surveyed by U.S. Deputy Surveyor C.C. Tracy in 1868 under Contract No. 13. The remaining exterior boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 under Contract No. 48. A portion of the north boundary (Fourth Standard Parallel North) was dependently resurveyed by Cadastral Surveyors H.G. Parker and J.D. Sorensen in 1963 under Group No. 413. The west boundary was dependently resurveyed by Cadastral Surveyors H.G. Parker and R.A. Pratt in 1963 under Group No. 413. The south boundary and subdivisional lines were dependently resurveyed by Cadastral Surveyors H.G. Parker and R.A. Pratt in 1966 under Group No. 440. A portion of the west boundary was dependently resurveyed by Cadastral Surveyor K.M. Hellebust in 2007 under Group No. 856. Other surveys remote to this area are not included.

The metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway represent boundaries of lands encompassing the conveyance to be made to the City of Ely, Nevada, as described in Public Law 109-59, Section 1955, dated August 10, 2005.

Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for all evidence 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. 857, dated August 8, 2007.

Measurements were made with Trimble R8 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 1/4 section corner of sections 7 and 12, on the west boundary of the township, determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS), LKN1 ELKO CORS ARP, RAIL RAILROAD VALLEY CORS ARP and EGAN EGAN_BRGN_NV1996 CORS ARP, in 2008 and carried forward by RTK observations, is as follows:

Latitude: 39°36'55.596" N.

Longitude: 114°49'26.322" W.

TOWNSHIP 20 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The December 12, 2008, mean magnetic declination was determined to be 13°12' E. from the National Oceanic and Atmospheric Administration's National Geophysical Data Center declination calculator.</p> <hr/> <p style="text-align: center;">DEPENDENT RESURVEY OF THE FOURTH STANDARD PARALLEL NORTH THROUGH A PORTION OF RANGE 63 EAST, MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p style="text-align: center;">Reestablishment of a Portion of the Survey Executed by Deputy Surveyor C.C. Tracy in 1868, and a Portion of the Dependent Resurvey Executed by Cadastral Surveyors H.G. Parker and J.D. Sorensen in 1963</p> <hr/> <p>Beginning at the standard 1/4 sec. cor. of sec. 36, T. 21 N., R. 63 E., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the Fourth Standard Parallel North through Range 63 East, executed under Group No. 413.</p> <p>Cor. is located in a barbed wire fence, bears E. and W.</p> <p>From this cor., a windmill bears N. 25° E., 18.60 chs. dist.</p> <p>S. 89°53'20" W., on the S. bdy. of sec. 36, T. 21 N., R. 63 E.</p> <p>Over nearly level pasture land.</p> <p>17.528 The closing cor. of secs. 5 and 6, T. 20 N., R. 64 E., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the subdivisional lines of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 3 ft. base, 1 ft. high, S. of cor.</p> <p>Cor. is located in a barbed wire fence, bears E. and W.</p> <p>20.144 Point for the standard W 1/16 sec. cor. of sec. 36, T. 21 N., R. 63 E.</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;">SC S36 W 1/16</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">2008</p> <p>Cor. is located in a barbed wire fence, bears E. and W.</p> <p>23.40 Duck Creek, 30 lks. wide, 3 ft. deep, course N. 8° E.</p>
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DEPENDENT RESURVEY OF THE FOURTH STANDARD PARALLEL NORTH
THROUGH A PORTION OF RANGE 63 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
34.366	The witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the S. bdy. of sec. 36, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the metes-and-bounds survey of portions of the easterly right-of-way line of the Nevada Northern Railway of T. 21 N., R. 63 E., executed concurrently under this same group.
35.10	Cor. of barbed wire fences extending E., S. 26° W. and W.
35.9995	Center of the Nevada Northern Railway tracks, bears N. 21°50'10" E. and S. 22° W.
37.552	Point for the E 1/16 sec. cor. of sec. 6, T. 20 N., R. 64 E., determined at midpoint bet. the closing cor. of secs. 5 and 6 and the 1/4 sec. cor. of sec. 6. 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.
	<hr style="width: 10%; margin: auto;"/> E 1/16 S 6 2008
37.633	Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the S. bdy. of sec. 36, hereinafter described.
40.288	The standard cor. of secs. 35 and 36, T. 21 N., R. 63 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 a portion of the Fourth Standard Parallel North through Range 63 East, executed under Group No. 413, with a mound of stone, 3 ft. base, 1 ft. high, W. of cor. <hr style="width: 80%; margin: auto;"/>
	S. 89°59'40" W., on the S. bdy. of sec. 35. Over nearly level land, through medium brush.
17.288	The 1/4 sec. cor. of sec. 6, T. 20 N., R. 64 E., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the subdivisional lines of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 1 ft. high, S. of cor. Cor. is located in a barbed wire fence, bears E. and W.
40.262	The standard 1/4 sec. cor. of sec. 35, T. 21 N. R. 63 E., 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 a portion of the Fourth Standard Parallel North through Range 63 East, executed under Group No. 413. Cor. is located in a barbed wire fence, bears N. and S.

DEPENDENT RESURVEY OF THE FOURTH STANDARD PARALLEL NORTH
THROUGH A PORTION OF RANGE 63 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>From this cor., the cor. of barbed wire fences extending N., E. and W., bears S., 13 lks. dist., and a trail road, 15 lks. wide, bearing E. and W., bears N., 23 lks. dist.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY, T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872, and a Portion of the Dependent Resurvey Executed by Cadastral Surveyors H.G. Parker and J.D. Sorensen in 1963</p> <hr/> <p>From the 1/4 sec. cor. of secs. 7 and 12, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 20 N., R. 63 E., executed under Group No. 413, with a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. N. 0°15'30" E., bet. secs. 7 and 12. Over nearly level land, through medium brush.</p> <p>19.992 Point for the N 1/16 sec. cor. of secs. 7 and 12. 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;">N 1/16 S12 S 7 2008</p> <p>39.984 The cor. of secs. 1, 6, 7 and 12, monumented with an iron post, 2 1/2 ins. diam., firmly set in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 20 N., R. 63 E., executed under Group No. 413.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 and a Portion of the Dependent Resurvey Executed by Cadastral Surveyors H.G. Parker and R.A. Pratt in 1966</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 2 ins. below the surface of the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the subdivisional lines of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 2 ins. high, W. of cor.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	N. 89°54'40" W., bet. secs. 6 and 7. Over nearly level pasture land.
19.812	Point for the E 1/16 sec. cor. of secs. 6 and 7. POINT NOT MONUMENTED
25.80	Dry channel of Duck Creek, 40 lks. wide, 2 ft. deep, course N. 45° E.
31.10	Dry channel of Duck Creek, 20 lks. wide, 2 ft. deep, course N. 30° E.
36.70	Barbed wire fence, bears N. and S.
39.624	The 1/4 sec. cor. of secs. 6 and 7, 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 the subdivisional lines of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 4 ins. high, NE. of cor.
	<hr/> N. 89°46'50" W., beginning new measurement. Over nearly level pasture land.
9.394	Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the line bet. secs. 6 and 7, hereinafter described.
11.0815	Center of the Nevada Northern Railway tracks, bears N. 26°20'30" E. and S. 26°20'30" W.
12.769	Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the line bet. secs. 6 and 7, hereinafter described.
18.60	Trail road, 15 lks. wide, bears S.
19.795	Point for the W 1/16 sec. cor. of secs. 6 and 7. 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 6 W 1/16 $\frac{\quad}{\quad}$ S 7
	2008
37.363	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., hereinbefore described.
	<hr/> From the cor. of secs. 5, 6, 7 and 8. N. 0°40'30" E., bet. secs. 5 and 6. Over nearly level pasture land.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
14.00	Dry channel of Duck Creek, 10 lks. wide, 2 ft. deep, course N. 45° E.
16.20	Dry channel of Duck Creek, 10 lks. wide, 2 ft. deep, course N.
17.80	Duck Creek, 10 lks. wide, 3 ft. deep, course N. 45° W.
19.988	Point for the S 1/16 sec. cor. of secs. 5 and 6.
	POINT NOT MONUMENTED
23.80	Duck Creek, 10 lks. wide, 3 ft. deep, course N. 20° E.
28.80	Duck Creek, 10 lks. wide, 3 ft. deep, course N. 45° W.
39.976	The 1/4 sec. cor. of secs. 5 and 6, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the subdivisional lines of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 6 ins. high, W. of cor.
<hr/> SUBDIVISION OF SECTION 6, T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA <hr/>	
	From the 1/4 sec. cor. of secs. 6 and 7.
	N. 0°21'00" E., on the N-S center line of sec. 6.
	Over nearly level pasture land.
11.00	Leave pasture land, edge bears N. 45° E. and S. 45° W., enter land with scattered brush.
19.333	Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the N-S center line of sec. 6, hereinafter described.
20.034	Point for the C-S 1/16 sec. cor. of sec. 6.
	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.
	$S \ 1/16 \ \begin{array}{c} C \\ \\ C \end{array} \ S \ 6$ 2009
23.02	Center of the Nevada Northern Railway tracks, on a curve concave to the northwest.
26.878	Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the N-S center line of sec. 6, hereinafter described.
40.068	Point for the center 1/4 sec. cor. of sec. 6, at intersection with the E-W center line.

SUBDIVISION OF SECTION 6,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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.
	T20N R64E C 1/4 S 6 2008
77.351	The 1/4 sec. cor. of sec. 6, on the N. bdy. of the Tp.
	From the 1/4 sec. cor. of secs. 5 and 6. N. 89°46'40" W., on the E-W center line of sec. 6. Over nearly level bottom land.
5.70	Dry channel of Duck Creek, 20 lks. wide, 1 ft. deep, course N. 22° W.
11.40	Dry channel of Duck Creek, 20 lks. wide, 1 ft. deep, course N. 40° E.
13.00	Earthen dam, 20 lks. wide, 1 ft. high, bears S. 20° E. and N. 20° W.
17.30	Barbed wire fence, bears N. 4° E. and S. 4° W.
19.922	Point for the C-E 1/16 sec. cor. of sec. 6. 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 S 6 2008
31.359	Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the E-W center line of sec. 6, hereinafter described.
32.9885	Center of the Nevada Northern Railway tracks, bears N. 21°50'00" E. and S. 21°50'00" W.
34.618	Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the E-W center line of sec. 6, hereinafter described.
36.00	Leave bottom land, edge bears N. and S., enter land with medium brush.
39.844	The center 1/4 sec. cor. of sec. 6.
57.20	Barbed wire fence, bears N. and S.
59.728	Point for the C-W 1/16 sec. cor. of sec. 6.

SUBDIVISION OF SECTION 6,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">W 1/16 C———C S 6</p> <p style="text-align: center;">2009</p>
77.144	<p>The 1/4 sec. cor. of secs. 1 and 6, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of the E. bdy. of T. 20 N., R. 63 E., executed under Group No. 413.</p> <p>Cor. is located in a cultivated field.</p> <hr/> <p>From the C-E 1/16 sec. cor. of sec. 6.</p> <p>N. 0°30'20" E., on the N-S center line of the NE1/4 of sec. 6.</p> <p>Over nearly level pasture land.</p>
29.240	<p>Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the N-S center line of the NE1/4 of sec. 6, hereinafter described.</p>
33.406	<p>Center of the Nevada Northern Railway tracks, bears N. 22° E. and S. 21°50'00" W.</p>
37.365	<p>The E 1/16 sec. cor. of sec. 6, on the N. bdy. of the Tp.</p> <hr/> <p>From the point for the E 1/16 sec. cor. of secs. 6 and 7.</p> <p>N. 0°30'50" E., on the N-S center line of the SE1/4 of sec. 6.</p> <p>Over nearly level pasture land.</p>
20.011	<p>Point for the SE 1/16 sec. cor. of sec. 6, at intersection with the E-W center line of the SE1/4.</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;">SE 1/16 S 6</p> <p style="text-align: center;">2009</p>
20.20	<p>Barbed wire fence, bears E. and W., enter bottom land.</p>
32.00	<p>Dry channel of Duck Creek, 15 lks. wide, 1 ft. deep, course N. 60° E.</p>
40.022	<p>The C-E 1/16 sec. cor. of sec. 6.</p> <hr/> <p>From the point for the S 1/16 sec. cor. of secs. 5 and 6.</p>

SUBDIVISION OF SECTION 6,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>N. 89°50'40" W., on the E-W center line of the SE1/4 of sec. 6. Over nearly level pasture land.</p> <p>0.80 Duck Creek, 30 lks. wide, 2 ft. deep, course N. 60° E.</p> <p>17.05 From this point, the cor. of barbed wire fences extending N. and W., bears N., 23 lks. dist.</p> <p>19.867 The SE 1/16 sec. cor. of sec. 6.</p> <p>26.10 Dry channel of Duck Creek, 20 lks. wide, 1 ft. deep, course N.</p> <p>37.00 Barbed wire fence, bears N. and S., from which the cor. of barbed wire fences extending E. and S., bears N., 12 lks. dist.</p> <p>39.412 Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the E-W center line of the SE1/4 of sec. 6, hereinafter described.</p> <p>39.735 The C-S 1/16 sec. cor. of sec. 6.</p> <hr/> <p style="text-align: center;">SUBDIVISION OF SECTION 7, T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>From 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 the subdivisional lines of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, 6 ins. high, N. of cor.</p> <p>N. 0°17'00" E., on the N-S center line of sec. 7. Over nearly level pasture land.</p> <p>39.843 Point for the center 1/4 sec. cor. of sec. 7, 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> <p style="text-align: center;">T20N R64E C 1/4 S 7 2008</p> <p>53.40 Dry channel of Duck Creek, 10 lks. wide, 2 ft. deep, course N. 30° E.</p> <p>59.820 Point for the C-N 1/16 sec. cor. of sec. 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>
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SUBDIVISION OF SECTION 7,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	$\begin{array}{c} \text{C} \\ \text{N } 1/16 \quad \quad \text{S } 7 \\ \text{C} \end{array}$
	2008
60.00	Remains of barbed wire fence line, bears E. and W.
63.00	Dry channel of Duck Creek, 15 lks. wide, 1 ft. deep, course N. 60° E.
69.60	Barbed wire fence, bears N. 21° E. and S. 21° W.
79.797	The 1/4 sec. cor. of secs. 6 and 7.
	<hr/> <p>From the 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 2 1/2 ins. diam., firmly set flush with the surface of the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the subdivisional lines of T. 20 N., R. 64 E., executed under Group No. 440, with a mound of stone, 2 ft. base, embedded flush with the surface of the ground, SW. of cor.</p> <p>From this cor., a windmill bears N. 31° W., 1.10 chs. dist.</p> <p>N. 89°49'30" W., on the E-W center line of sec. 7.</p> <p>Over nearly level pasture land.</p>
16.40	Remains of a barbed wire fence line, bears N. and S., from which the cor. of barbed wire fence remains extending E. and S., bears N. 5° E., 24 lks. dist.
17.30	Dry channel of Duck Creek, 30 lks. wide, 3 ft. deep, course N. 20° W.
19.778	Point for the C-E 1/16 sec. cor. of sec. 7.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, over a plastic-encased magnet, with brass cap mkd.
	$\begin{array}{c} \text{E } 1/16 \\ \text{C} \text{-----} \text{C} \\ \text{S } 7 \end{array}$
	2009
39.556	The center 1/4 sec. cor. of sec. 7.
55.00	Dry channel of Duck Creek, 10 lks. wide, 2 ft. deep, course N. 52° E.
56.30	Remains of barbed wire fence, bears N. 4° E. and S. 4° W.
69.30	Barbed wire fence, bears N. 26° E. and S. 26° W.
70.20	Center of the Nevada Northern Railway tracks, bears N. 26° E. and S. 26° W.
76.904	The 1/4 sec. cor. of secs. 7 and 12, on the W. bdy. of the Tp.

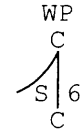
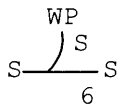
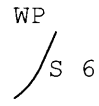
SUBDIVISION OF SECTION 7,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>From the C-N 1/16 sec. cor. of sec. 7.</p> <p>N. 89°48'20" W., on the E-W center line of the NW1/4 of sec. 7.</p> <p>Over nearly level pasture land.</p> <p>3.60 From this point, the cor. of barbed wire fences extending N. 26° E. and W., bears N., 11 lks. dist.</p> <p>6.50 Dry channel of Duck Creek, 25 lks. wide, 2 ft. deep, course N. 70° E.</p> <p>16.90 Barbed wire fence, bears N. 15° E. and S. 15° W., enter abandoned farm yard from which the cor. of barbed wire fences extending E. and S. 15° W., bears N. 15° E., 2 lks. dist.</p> <p>17.40 From this point, the SE. corner of a log barn, 17x37 ft., the long side of which bears N. 30° E. and S. 30° W., bears N., 49 lks. dist.</p> <p>19.168 Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the E-W center line of the NW1/4 of sec. 7, hereinafter described.</p> <p>20.00 Woven wire fence, bears N. 26° E. and S. 26° W., leave abandoned farm yard and enter medium brush, edge bears N. and S.</p> <p>20.856 Center of the Nevada Northern Railway tracks, bears N. 26°20'30" E. and S. 26° W.</p> <p>22.544 Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the E-W center line of the NW1/4 of sec. 7, hereinafter described.</p> <p>37.355 The N 1/16 sec. cor. of secs. 7 and 12, on the W. bdy. of the Tp.</p>
	<hr/> <p>METES-AND-BOUNDS SURVEY OF PORTIONS OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/>
	<p>MEMORANDUM</p> <p>The easterly right-of-way line of the Nevada Northern Railway was determined at 100 ft. right angle distance from and parallel with the observed centerline of the existing tracks, based on the description of the Nevada Northern Railway right-of-way application NEV-043230, as shown on the map entitled "Map of Definite Location of the Nevada Northern Railway Section B in White Pine County State of Nevada", filed August 22, 1905.</p> <hr/> <p>From the point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the E-W center line of the NW1/4 of sec. 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>

METES-AND-BOUNDS SURVEY OF PORTIONS OF THE
EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

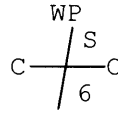
CHAINS	
	<p style="text-align: center;">WP</p> $\begin{array}{c} S \\ \diagdown \\ N \text{ --- } \diagup \\ 7 \end{array} N$ <p style="text-align: center;">2008</p>
22.257	<p>N. 26°20'30" E., on the easterly right-of-way line of the Nevada Northern Railway, through the N1/2 of the NW1/4 of sec. 7.</p> <p>Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with 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</p> <p style="text-align: center;">T20N R64E</p> $\begin{array}{c} S \ 6 \\ \diagdown \\ \text{---} \\ \diagup \\ S \ 7 \end{array}$ <p style="text-align: center;">2008</p>
17.923	<p>Thence N. 26°20'30" E., on the easterly right-of-way line of the Nevada Northern Railway, through the SW1/4 of sec. 6.</p> <p>Point of Curvature and point for a witness point.</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</p> $\begin{array}{c}) \\ S \ 6 \end{array}$ <p style="text-align: center;">2008</p>
3.592	<p>Thence along the arc of a circular curve to the left, having a radius of 11559.19 ft.; the chord of said arc bears N. 25°45'15" E., 3.592 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, through the SW1/4 of sec. 6.</p> <p>Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the N-S center line of sec. 6.</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>

METES-AND-BOUNDS SURVEY OF PORTIONS OF THE
 EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY,
 T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<div style="text-align: center;">  <p>2008</p> </div>
	<p>From the point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the E-W center line of the SE1/4 of sec. 6.</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>2008</p> </div> <p>Thence along the arc of a circular curve to the left having a radius of 11559.19 ft.; the chord of said arc bears N. 23°22'25" E., 9.415 chs. dist., on the easterly right-of-way line of the Nevada Northern Railway, through the N1/2 of the SE1/4 and the W1/2 of the NE1/4 of sec. 6.</p>
9.416	<p>Point of Tangency and point for a witness point.</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>2008</p> </div>
12.237	<p>Thence N. 21°50'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, through the N1/2 of the SE1/4 and the W1/2 of the NE1/4 of sec. 6.</p> <p>Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the E-W center line of sec. 6.</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>

METES-AND-BOUNDS SURVEY OF PORTIONS OF THE
EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS



2009

From this point, United States Coast and Geodetic Survey benchmark station "H 31" bears S. 29°34'10" W., 6.170 chs. dist., monumented with a standard brass tablet, 3 1/2 ins. diam., firmly cemented in a concrete pillar, 9x9 ins., firmly set, projecting 1 ft. above ground, with top mkd. 5959.489 H31 1933.

25.608

Point for a witness point, on the easterly right-of-way line of the Nevada Northern Railway.

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.



2008

43.687

Point for a witness point, at intersection of the easterly right-of-way line of the Nevada Northern Railway with the N-S center line of the NE1/4 of sec. 6.

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.



2008

METES-AND-BOUNDS SURVEY OF PORTIONS OF THE
WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY,
T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

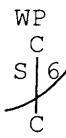
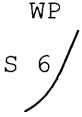
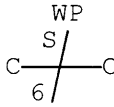
MEMORANDUM

The westerly right-of-way line of the Nevada Northern Railway was determined at 100 ft. right angle distance from and parallel with the observed centerline of the existing tracks, based on the description of the Nevada Northern Railway right-of-way application NEV-043230, as shown on the map entitled "Map of Definite Location of the Nevada Northern Railway Section B in White Pine County State of Nevada", filed August 22, 1905.

METES-AND-BOUNDS SURVEY OF PORTIONS OF THE
 WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY,
 T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p>	<p>From the point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the E-W center line of the NW1/4 of sec. 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> <div style="text-align: center;"> <p>WP S / N — N 7</p> <p>2008</p> </div> <p>N. 26°20'30" E., on the westerly right-of-way line of the Nevada Northern Railway, through the N1/2 of the NW1/4 of sec. 7.</p> <p>22.258 Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with 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> <div style="text-align: center;"> <p>WP T20N R64E S 6 / S 7 /</p> <p>2008</p> </div> <hr/> <p>Thence N. 26°20'30" E., on the westerly right-of-way line of the Nevada Northern Railway, through sec. 6.</p> <p>19.408 Point of Curvature and point for a witness point.</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 S 6)</p> <p>2008</p> </div> <hr/> <p>Thence along the arc of a circular curve to the left having a radius of 11359.19 ft.; and the chord of an arc bearing N. 24°36'50" E., 10.378 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, through sec. 6.</p>
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METES-AND-BOUNDS SURVEY OF PORTIONS OF THE
 WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY,
 T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS</p>	
<p>10.380</p>	<p>Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the N-S center line of sec. 6.</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>2008</p> </div> <p>Thence continuing along the arc of the circular curve to the left having a radius of 11359.19 ft.; and the chord of an arc bearing N. 22°21'35" E., 3.162 chs. dist.</p>
<p>13.542</p>	<p>Point of Tangency and point for a witness point.</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>2008</p> </div> <hr style="width: 30%; margin: 10px auto;"/> <p>Thence N. 21°50'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, through sec. 6.</p>
<p>11.037</p>	<p>Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the E-W center line of sec. 6.</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>2009</p> </div>
<p>25.608</p>	<p>Point for a witness point, on the westerly right-of-way line of the Nevada Northern Railway.</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>

METES-AND-BOUNDS SURVEY OF PORTIONS OF THE
 WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY,
 T. 20 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p style="text-align: center;">WP</p> <p style="text-align: center;">S 6 /</p> <p style="text-align: center;">2008</p> <p>51.225 Point for a witness point, at intersection of the westerly right-of-way line of the Nevada Northern Railway with the N. bdy. of sec. 6 (Fourth Standard Parallel North).</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 T21N R63E S36 S 6 / T20N R64E</p> <p style="text-align: center;">2008</p> <p>Point is located in a barbed wire fence, bears E. and W.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The lands included in the survey are located in White Pine County, Nevada, about 26 miles northwest of the community of Ely, Nevada. Access is gained by way of U.S. Highway No. 93.</p> <p>The area drains easterly and northerly into Duck Creek. Duck Creek drains easterly and northerly, flowing intermittently.</p> <p>The average elevation of the area is about 5940 feet.</p> <p>The vegetation east of the Nevada Northern Railway is generally bunchgrass and native grasses in fertile bottom lands. The vegetation west of the Nevada Northern Railway is generally sagebrush, rabbitbrush and greasewood.</p> <p>No apparent mineral activity was noted in the area during this survey.</p> <hr/>
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Sean M. Neuffer	Surveying Technician
Nathan P. Trapp	Surveying Technician
Anthony A. Beliew	Survey Aid

CERTIFICATE OF SURVEY

We, Kane M. Hellebust, Cadastral Surveyor, and Clay W. Morrow, Surveying Technician, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 8th day of August, 2007, we have dependently resurveyed the Fourth Standard Parallel North through a portion of Range 63 East, a portion of the west boundary and a portion of the subdivisional lines, subdivided sections 6 and 7, and surveyed by metes and bounds portions of the easterly and westerly right-of-way lines of the Nevada Northern Railway in Township 20 North, Range 64 East, of the Mount Diablo Meridian, 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.

March 26, 2010

(Date)

Kane M. Hellebust

(Cadastral Surveyor)

March 31, 2010

(Date)

Clay W. Morrow

(Surveying Technician)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of the Fourth Standard Parallel North through a portion of Range 63 East, a portion of the west boundary and a portion of the subdivisional lines, the subdivision of sections 6 and 7, and metes-and-bounds surveys of portions of the easterly and westerly right-of-way lines of the Nevada Northern Railway in Township 20 North, Range 64 East, of the Mount Diablo Meridian, Nevada, executed by Kane M. Hellebust, Cadastral Surveyor, and Clay W. Morrow, Surveying Technician, having been critically examined and found correct, are hereby approved.

April 13, 2010

(Date)

David D. Morlan

(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in T. 20 N., R. 64 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor, Nevada)~~