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

A METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6 AND 7,

TOWNSHIP 5 SOUTH, RANGE 71 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Lance A. Barney, Cadastral Surveyor

Under Special Instructions dated July 30, 2008,

and approved July 30, 2008,

which provided for the surveys included under Group No. 868,

and Assignment Instructions dated August 4, 2008.

Survey commenced August 6, 2008

Survey completed September 10, 2008

INDEX DIAGRAM

TOWNSHIP 5 SOUTH, RANGE 71 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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TOWNSHIP 5 SOUTH, RANGE 71 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and a metes-and-bounds survey through sections 6 and 7, Township 5 South, Range 71 East, Mount Diablo Meridian, Nevada.

The Nevada-Utah State Line was surveyed by Practical Astronomer and Surveyor I.E. James, under Contract dated August 16, 1870. The north boundary (First Standard Parallel South) and the west boundary was surveyed by U.S. Deputy Surveyor H.B. Maxson in 1901 under Contract No. 227. The north boundary (First Standard Parallel South) and the east boundary identical with the (Nevada-Utah State Line) were retraced and dependently resurveyed, and the south boundary and subdivisional lines were surveyed by U.S. Transitman C.F. Moore in 1922 under Group No. 95. The west one-half mile on the south boundary of section 31 was dependently resurveyed by Cadastral Engineers D.P. Averill and R.F. Wilson in 1953 under Group No. 295. A dependent resurvey of a portion of the First Standard Parallel South through Range 70 East and portions of the east boundary of T. 5 S., R. 70 E., was executed concurrently under this same group.

Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for any evidence of the original corners and other calls of the original field note record. 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. 868, dated July 30, 2008.

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 cor. of secs. 5, 6, 7 and 8, T. 5 S., R. 71 E., as determined from GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference Stations (CORS) RAIL RAILROAD VALLEY CORS ARP, ECHO ECHO_BRGN NV1999 CORS ARP and FRED FREDONIA CORS ARP and carried forward by RTK observations is as follows:

Latitude: 37°32'06.394" N. Longitude: 114°05'20.553" W.

The 1972 mean magnetic declination is 15 1/2° E., as shown on U.S.G.S. 7 1/2 minute quadrangle map "PINE PARK, NEV.-UTAH", dated 1972.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
T. 5 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Beginning at the 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 1 in. diam., firmly set, 6 ins. below the surface of ground, with brass cap mkd. as described in the field notes of the survey executed in 1922 under Group No. 95, from which the original bearing trees A cedar, 18 ins. diam., bears S. 81 1/2° E., 100 lks. dist., mkd. 1/4 S8 BT on an open blaze. (Record, 177 lks. dist.) A cedar, 10 ins. diam., bears N. 84 1/4° W., 177 lks. dist., mkd. 1/4 S7 BT on an open blaze. (Record, 100 lks. dist.) N. 0°14'40" W., bet. secs. 7 and 8. Ascend through pinon pine and juniper.
2.40	Spur, slopes SE.
11.00	Draw, drains E.
21.30	Old Beaver Dam Road, 18 lks. wide, bears SSE. and NNW.
21.45	Northerly edge of Old Beaver Dam Road, bears SSE. and NNW.
23.951	The witness point, at the intersection of the first course of a metes-and-bounds survey with the line bet. secs. 7 and 8, hereinafter described.
26.10	Top of cliff, face bears E. and W.
28.70	Spur, slopes SE.
39.920	The cor. of secs. 5, 6, 7 and 8, monumented with an iron post, 2 ins. diam., firmly set, in a mound of stone, 4 ft. base, 2 1/2 ft. high, with brass cap mkd. as described in the field notes of the survey executed in 1922 under Group No. 95, from which the original bearing trees A pinon pine, 10 ins. diam., bears N. 35 1/2° E., 41 lks. dist., mkd. T5S R71E S5 BT on an open blaze. A cedar, 18 ins. diam., bears S. 37 1/4° E., 16 lks. dist., mkd. T5S R71E S8 BT visible on an open blaze. A pinon pine, 11 ins. diam., bears S. 48 1/4° W., 153 lks. dist., mkd. T5S R71E S7 BT on an open blaze. A pinon pine, 12 ins. diam., bears N. 66 1/2° W., 40 lks. dist., mkd. T5S R71E S6 BT on an open blaze.
	From the 1/4 sec. cor. of secs. 6 and 7, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. as described in the field notes of the survey executed in 1922 under Group No. 95, from which the original bearing trees A pinon pine, 10 ins. diam., bears N. 51 1/2° E., 155 lks. dist., mkd. 1/4 S6 BT on an open blaze.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
T. 5 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	A cedar, 10 ins. diam., bears S. 50 1/2° E., 85 lks. dist., mkd. 1/4 S7 BT on an open blaze.
	N. 89°40'50" E., bet. secs. 6 and 7.
9.60	Ridge, bears N. and S.
14.40	Old Beaver Dam Road, 18 lks. wide, bears SSE. and NNW.
14.53	Northerly edge of Old Beaver Dam Road, bears SSE. and NNW.
16.298	The witness point, at intersection of line 5-6 of a metes-and-bounds survey with the line bet. secs. 6 and 7, hereinafter described.
18.528	Spur, slopes S.
22.228	Draw, drains S.
28.928	Spur, slopes S.
33.328	Draw, drains S.
39.828	The cor. of secs. 5, 6, 7 and 8.

METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6 AND 7,
T. 5 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

The following metes-and-bounds survey identifies a portion of the northerly boundary of Beaver Dam State Park Expansion in sections 6 and 7, as described in the Lincoln County Conservation, Recreation and Development Act of 2004. The series of courses defining this survey were determined by locating angle points designed to determine a boundary at least 100 feet northerly from the northerly edge of Old Beaver Dam Road.

From the point for a witness point at the intersection of the first course of this metes-and-bounds survey with the line bet. secs. 7 and 8.

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.

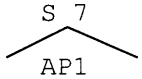
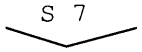
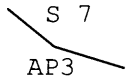
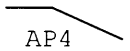
WP
T5S R71E

S 7 | S 8

2008

	N. 37°41'10" W., in sec. 7.
4.873	Point for Angle Point No. 1.

METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6 AND 7,
T. 5 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, over a plastic-encased magnet, and in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd. T5S R71E S 7  AP1 2008
	S. 76°38'00" W., on line 1-2.
4.881	Point for Angle Point No. 2. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd. T5S R71E S 7  AP2 2008
	N. 75°47'00" W., on line 2-3.
5.585	Point for Angle Point No. 3. 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. T5S R71E S 7  AP3 2008
	N. 30°55'50" W., on line 3-4.
4.875	Point for Angle Point No. 4. Set a brass tablet, 3 1/4 ins. diam., 3 1/2-in. stem, in a drill hole in outcrop, with brass cap mkd. T5S R71E S 7  AP4 2008

METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6 AND 7,
T. 5 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	N. 76°33'30" W., on line 4-5.
5.999	Point for Angle Point No. 5.
	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.
	T5S R71E S 7 AP5 2008
	N. 18°57'00" W., on line 5-6.
6.517	Point for a witness point, at the intersection of line 5-6 with the line bet. secs. 6 and 7.
	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, on SE. side of outcrop, 6 ft. below top, with brass cap mkd.
	WP T5S R71E S 6 S 7 2008
8.221	Point for Angle Point No. 6.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, over a plastic-encased magnet, with brass cap mkd.
	T5S R71E S 6 AP6 2008
	N. 63°42'20" W., on line 6-7.
8.028	Point for Angle Point No. 7.
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2-in. stem, in a drill hole in outcrop, 20 ft. N. of S. face, 50 ft. high, with brass cap mkd.

METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6 AND 7,
T. 5 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T5S R71E S 6 AP7 2008
	N. 83°08'50" W., on line 7-8.
2.191	Point for Angle Point No. 8. Set a brass tablet, 3 1/4 ins. diam., 3 1/2-in. stem, in a drill hole on a ledge between rock outcrops forming a ravine 12 ft. wide, 12 ft. deep, with brass cap mkd.
	T5S R71E S 6 AP8 2008
	N. 26°00'20" W., on line 8-9.
0.696	Point for Angle Point No. 9. Set a brass tablet, 3 1/4 ins. diam., 3 1/2-in. stem, in a drill hole in outcrop, outcrop bears N. and S., 5 ft. below and on W. side of crest of low ridge, with brass cap mkd.
	T5S R71E S 6 AP9 2008
	N. 67°41'40" W., on line 9-10.
3.582	Point for Angle Point No. 10. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T5S R71E S 6 AP10 2008
	N. 83°01'30" W., on line 10-11.
1.274	Point for Angle Point No. 11.

METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6 AND 7,
T. 5 S., R. 71 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. T5S R71E S 6 AP11 2008
	N. 28°15'20" W., on line 11-12.
5.070	Point for Angle Point No. 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. T5S R71E S 6 AP12 2008
	N. 57°10'30" W., on line 12-13.
2.954	Point for Angle Point No. 13. 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, 4 ft. base, to top, with brass cap mkd. T5S R71E S 6 AP13 2008
	N. 36°18'20" W., on line 13-14.
1.649	Point for Angle Point No. 14. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd. T5S R71E S 6 AP14 2008

METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6 AND 7,
T. 5 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	N. 20°35'30" W., on line 14-15.
17.417	Point for Angle Point No. 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 4 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 5 ft. base, to top, with brass cap mkd.
	T5S R71E S 6 AP15 2008
	N. 35°09'00" W., on line 15-16.
7.245	Point for Angle Point No. 16.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd.
	T5S R71E S 6 AP16 2008
	N. 49°29'00" W., on line 16-17.
15.451	Point for Angle Point No. 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.
	T5S R71E S 6 AP17 2008
	N. 61°22'10" W., on line 17-18.
8.053	Point for Angle Point No. 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.

METES-AND-BOUNDS SURVEY THROUGH SECTIONS 6 AND 7,
T. 5 S., R. 71 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	T5S R71E S 6 AP18 2008
	N. 67°28'40" W., on the last course in sec. 6.
7.391	The witness point, at intersection of the last course of this metes-and-bounds survey with the E. bdy. of sec. 1, T. 5 S., R. 70 E., and with the first course of a metes-and-bounds survey in sec. 1, T. 5 S., R. 70 E., 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 field notes of the dependent resurvey of a portion of the E. bdy. of T. 5 S., R. 70 E., executed concurrently under this same group. From this point the 1/4 sec. cor. of sec. 6, bears, S. 0°18'00" E., 14.120 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. as described in the dependent resurvey of a portion of the E. bdy. of T. 5 S., R. 70 E., executed concurrently under this same group.
	GENERAL DESCRIPTION The land encompassed in this survey is located about 25 miles southeast of Panaca, Nevada. A portion of the east boundary of Beaver Dam State Park is identical with the Nevada-Utah state line. Beaver Dam State Park is bordered on the north and east by Tunnel Springs Wilderness. The terrain is mostly steep canyons draining southeasterly with pinon pine and juniper covering the steep slopes. Outside the canyon rim the ground slopes away and to the west mostly covered by scattered sagebrush with areas of pinon pine and juniper. Elevations range from 5200 feet to 5800 feet. The principal use of the land is grazing with Beaver Dam State Park offering recreation activities for rock hounds, hunters, hikers campers and picnickers.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Edward J. Graham Jr.	Surveying Technician
Philip D. Van Buren	Surveying Technician

CERTIFICATE OF SURVEY

I, Lance A. Barney, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 30th day of July, 2008, I have dependently resurveyed of a portion of the subdivisional lines and executed a metes-and-bounds survey through sections 6 and 7, Township 5 South, Range 71 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.

June 7, 2011
(Date)

Lance A. Barney
(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 a metes-and-bounds survey through sections 6 and 7, Township 5 South, Range 71 East, Mount Diablo Meridian, Nevada, executed by Lance A. Barney, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

June 21, 2011
(Date)

David A. Mr Lan
(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 5 S., R. 71 E., Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

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