

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 12

TOWNSHIP 44 NORTH, RANGE 63 WEST,

OF THE SIXTH PRINCIPAL MERIDIAN,

IN THE STATE OF WYOMING.

EXECUTED BY

CARL W. SUMPTER

SUPERVISORY CADASTRAL SURVEYOR (USFS)

THOMAS H. EFFINGER

CADASTRAL SURVEYOR (USFS)

Under Special Instructions dated February 1, 1999, approved February 1, 1999, which provided for the surveys included under Group Number 662, and assignment instructions dated February 1, 1999.

Survey commenced February 1, 1999

Survey completed February 19, 1999

INDEX DIAGRAM

Township 44 North, Range 63 West

6	5	4	3	2	1 3
7	8	9	10	11	3 12 2
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T. 44 N., R. 63 W., Sixth Principal Meridian, Wyoming

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 12, Township 44 North, Range 63 West, Sixth Principal Meridian, Wyoming.

The history of previous surveys pertaining to this resurvey is as follows:

Hanson and Carson surveyed the subdivisional lines in 1881. Andrew Nelson dependently resurveyed the subdivisional lines in 1948.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 662, Wyoming dated February 1, 1999.

Preliminary to the resurvey, the lines of the previous surveys were retraced and diligent search was made for all corners and other calls of the field note record. Identified corners were remonumented in their original positions; lost corners were reestablished and monumented at proportionate positions based on the latest official record, but only after exhausting every possibility of finding direct evidence of such corners.

The survey was executed with Trimble Navigation, Global Positioning System (GPS), 4000SSE receivers and by GPS methods. The instruments were maintained in proper adjustment at all times. The directions of all lines refer to the true meridian, based on true geodetic north as determined by GPS observations at various points along the lines of survey and carried forward by GPS methods. The primary control points for this control network were National Geodetic Survey HARN Stations "U6" and "1JM". GPS control network and supporting data is contained in the official group file. The retracement data was thoroughly verified, and only true line field notes are given herein, which refer to the completed survey.

The geographic position of the cor. of secs. 10, 11, 14 and 15, determined by Global Positioning System (GPS), based on NAD 83 (1993) is:

Latitude 43° 48' 03.43" N., Longitude 104° 21' 35.11" W.

The magnetic declination is 13° E.

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 44 N., R. 63 W., Sixth Principal Meridian, Wyoming

CHAINS	
	<p>(Restoring the resurvey executed by Andrew Nelson in 1948)</p> <hr/>
	<p>Beginning at the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., monumented with an iron post, as described in the field notes of the dependent resurvey, T. 44 N., R. 62 W., executed concurrently under this same group.</p>
	<p>S. 89° 38' W., bet. secs. 12 and 13.</p>
19.75	<p>Point for the E. 1/16 sec. cor. of secs. 12 and 13.</p>
	<p>Set a iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T44N R63W S 12 E1/16— S 13 1999</p> <hr/>
39.50	<p>The 1/4 sec. cor. of secs. 12 and 13, monumented with a 5/8 in. rebar, firmly set, projecting 2 ins. above the ground, in a collar of stone.</p>
	<p>This position is accepted as the best availble evidence of the original cor. position.</p>
	<p>At corner point,</p>
	<p>Set a iron post, 28 ins. long, 2½ ins. diam., 19 ins. in the ground, in a collar of stone, with brass cap mkd.</p>
	<p style="text-align: center;">T44N R63W S 12 1/4 — S 13 1999</p>
	<p>Deposit the rebar inside the iron post.</p>
79.00	<p>The cor. of secs. 11, 12, 13 and 14, monumented with an iron post, 2½ ins. diam., firmly set, projecting 3 ins. above the ground, in a collar of stone, with brass cap mkd.</p>

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 44 N., R. 63 W., Sixth Principal Meridian, Wyoming

CHAINS	
	<p style="text-align: center;">T44N R63W S 11 S 12 ----- S 14 S 13 1948</p>
	<p>N. 0° 19' W., bet. secs. 11 and 12.</p>
40.13	<p>The 1/4 sec. cor. of secs. 11 and 12, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S 11 S 12 1948</p>
	<p>N. 0° 20' W., beginning new measurement.</p>
40.11	<p>The cor. of secs. 1, 2, 11 and 12, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">T44N R63W S 2 S 1 ----- S 11 S 12 1948</p>
	<p>From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented with an iron post, as described in the field notes of the dependent resurvey, T. 44 N., R. 62 W., executed concurrently under this same group.</p> <p>S. 89° 58' W., bet. secs. 1 and 12.</p>
20.02	<p>Point for the E. 1/16 sec. cor. of secs. 1 and 12.</p> <p>Set a iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T44N R63W S 1 E1/16----- S 12 1999</p>

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 44 N., R. 63 W., Sixth Principal Meridian, Wyoming

CHAINS	
40.04	The 1/4 sec. cor. of secs. 1 and 12, monumented with an iron post, 2½ ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd.
	<div style="text-align: center;"> <p>S 1 1/4 ——— S 12 1948</p> <hr style="width: 30%; margin: auto;"/> </div>
	S. 89° 58' W., beginning new measurement.
40.06	The cor. of secs. 1, 2, 11 and 12.
	<div style="text-align: center;"> <hr/> <p>Subdivision of Section 12, T. 44 N., R. 63 W., Sixth Principal Meridian, Wyoming</p> <hr/> </div>
	From the 1/4 sec. cor. of secs. 12 and 13.
	N. 0° 05' E. on the N. and S. center line of sec. 12.
20.00	Point for the center S. 1/16 sec. cor. of sec. 12.
	Set an iron post, 28 ins. long, 2½ ins. diam., 19 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;"> <p>T44N R63W C S 1/16 S 12 1999</p> </div>
40.00	Point for the center 1/4 sec. cor. of sec. 12, at intersection with the E. and W. center line.
	Set an iron post, 28 ins. long, 2½ ins. diam., 19 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;"> <p>T44N R63W C 1/4 S 12 1999</p> </div>
60.00	Point for the center N. 1/16 sec. cor. of sec. 12.
	Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

Subdivision of Section 12,
T. 44 N., R. 63 W., Sixth Principal Meridian, Wyoming

CHAINS	
	T44N R63W C N 1/16 S 12 1999
80.00	The 1/4 sec. cor. bet. secs. 1 and 12.
	<hr/> <p>From the 1/4 sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp., monumented with an iron post, as described in the field notes of the dependent resurvey, T. 44 N., R. 62 W., executed concurrently under this same group.</p> <p>S. 89° 49' W., on the E. and W. center line of sec. 12.</p>
19.89	Point for the center E. 1/16 sec. cor. of sec. 12.
	Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T44N R63W C E 1/16 S 12 1999
39.78	The center 1/4 sec. cor. of sec. 12.
79.56	The 1/4 sec. cor. of secs. 11 and 12.
	<hr/> <p>From the center E. 1/16 sec. cor. of sec. 12.</p> <p>N. 0° 17' E., on the N. and S. center line of the NE¼ of sec. 12.</p>
19.97	Point for the NE. 1/16 sec. cor. of sec. 12, at intersection with the E. and W. center line of the NE¼.
	Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T44N R62W NE 1/16 S 12 1999
39.95	The E. 1/16 sec. cor. of secs. 6 and 12.

Subdivision of Section 12,
T. 44 N., R. 63 W., Sixth Principal Meridian, Wyoming

CHAINS	
	<p>From the N. 1/16 sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp., monumented with an iron post, as described in the field notes of the dependent resurvey, T. 44 N., R. 62 W., executed concurrently in this same group.</p> <p>S. 89° 53' W., on the E. and W. center line of the NE¼ of sec. 12.</p>
19.96	The NE. 1/16 sec. cor.
39.91	The center N. 1/16 sec. cor.
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	<p>From the E. 1/16 sec. cor. of secs. 12 and 13.</p> <p>N. 0° 16' E., on the N. and S. center line of the SE¼ of sec. 12.</p>
19.97	Point for the SE. 1/16 sec. cor. of sec. 12, at intersection with the E. and W. center line of the SE¼.
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T44N R63W SE 1/16 S 12 1999</p>
39.94	The center E. 1/16 sec. cor.
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	<p>From the S. 1/16 sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp., monumented with an iron post, as described in the field notes of the dependent resurvey, T. 44 N., R. 62 W., executed concurrently under this same group.</p> <p>S. 89° 43' W., on the E. and W. center line of the SE¼ of sec. 12.</p>
19.82	The SE. 1/16 sec. cor.
39.63	The center S. 1/16 sec. cor.
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T. 44 N., R. 63 W., Sixth Principal Meridian, Wyoming

CHAINS	<p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area embraced by this survey is situated in the northwestern portion of Niobrara County, approximately 8 miles southwest of Newcastle, Wyoming. The terrain is sagebrush and bunch grass prairie, with clay and loam soil. The average elevation is about 4100 feet above sea level. Drainage is southwesterly into Beaver Creek. The area is sparsely inhabited, with good access by Wyoming State Highway 450.</p>
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CERTIFICATE OF SURVEY

We, Carl W. Sumpter and Thomas H. Effinger, Jr., Cadastral Surveyors (U.S.F.S.), HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of February, 1999, we have dependently resurveyed a portion of the subdivisional lines, and the subdivision of section 12, Township 44 North, Range 63 West, of the Sixth Principal Meridian, in the State of Wyoming, 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.

MAY 31 2002

(Date)

Carl W. Sumpter

(Cadastral Surveyor U.S.F.S.)

MAY 31 2002

(Date)

Thomas H. Effinger, Jr.
(Cadastral Surveyor U.S.F.S.)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Cheyenne, Wyoming

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 12, Township 44 North, Range 63 West, Sixth Principal Meridian, Wyoming, executed by Carl W. Sumpter and Thomas H. Effinger, Jr., Cadastral Surveyors (U.S.F.S.), having been critically examined and found correct, are hereby approved.

MAY 31 2002

(Date)

John P. Lee
(Signature of Authorized Officer)