

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## **FIELD NOTES**

OF THE

CORRECTIVE DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES

TOWNSHIP 17 NORTH, RANGE 93 WEST,

OF THE SIXTH PRINCIPAL MERIDIAN,

IN THE STATE OF WYOMING.

### **EXECUTED BY**

THOMAS E. CASINGER

CADASTRAL SURVEYOR

Under Special Instructions dated AUGUST 3, 1994, approved AUGUST 3, 1994, which provided for the surveys included under Group Number 596, and assignment instructions dated AUGUST 3, 1994.

Survey commenced SEPTEMBER 6, 1994

Survey completed SEPTEMBER 6, 1994

## INDEX DIAGRAM

Township 17 North, Range 93 West

6	5	4	3	2	1
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T. 17 N., R. 93 W., Sixth Principal Meridian, Wyoming

CHAINS	<p>The following field notes are those of the corrective dependent resurvey of a portion of the subdivisional lines, Township 17 North, Range 93 West, Sixth Principal Meridian, Wyoming.</p> <p>Mortimer N. Grant surveyed the subdivisional lines in 1882. Joe N. LaRue dependently resurveyed the subdivisional lines in 1966.</p> <p>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 Number 596, Wyoming dated August 3, 1994.</p> <p>The mile between sections 10 and 15 was reported by registered land surveyors as not conforming to the official record, requiring a field investigation and conditional corrective dependent resurvey. The investigation confirmed the purported condition, and the corrective dependent resurvey is described in detail herein.</p> <p>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. The retracement data was thoroughly verified and only true line field notes are given herein, which refer to the complete survey.</p> <p>The survey was executed with a PENTEX Total Station Model PTS-III and by chaining methods. The instrument was maintained in proper adjustment at all times. The direction of all lines refer to the true meridian, determined by hour angle observation of the sun and carried forward by sustained angulation.</p> <p>The geographic position of the southeast corner of sec. 10, based on NAD 27 and as scaled from the U.S. Geological Survey quadrangle map DUCK LAKE, WYO., dated 1970, is:</p> <p>Latitude 41° 27' 22" N., Longitude 107° 51' 09" W.</p> <p>The magnetic declination is 12½° E.</p> <hr/> <p style="text-align: center;">Corrective Dependent Resurvey, Portion of the Subdivisional Lines, T. 17 N., R. 93 W., Sixth Principal Meridian, Wyoming</p> <hr/> <p>Beginning at the cor. of secs. 10, 11, 14 and 15, monumented with an iron post, 2½ ins. diam., firmly set, projecting 14 ins. above the ground, with a steel fence post alongside, with brass cap mkd.</p>
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Corrective Dependent Resurvey,  
 Portion of the Subdivisional Lines,  
 T. 17 N., R. 93 W., Sixth Principal Meridian, Wyoming

CHAINS	
	<p style="text-align: center;">T17N R93W  <math>\frac{S\ 10}{S\ 15}   \frac{S\ 11}{S\ 14}</math>            1966</p> <p>Attached sign to existing fence post and added 1994 to brass cap.</p> <p>N. 89° 03' W., bet. secs. 10 and 11.</p> <p>Over rolling terrain.</p>
30.25	Overland Trail, 30 lks. wide, bears NE. and SW.
40.64	The $\frac{1}{4}$ sec. cor. of secs. 10 and 15, monumented with and iron post, 2½ ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd.
	<p style="text-align: center;">T17N R93W  <math>\frac{1/4 - S\ 10}{S\ 15}</math>            1966</p> <p>Set a steel sign post alongside and added 1994 to the brass cap.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 89° 48' W., beginning new measurement.</p> <p>Over rolling terrain.</p>
1.75	Draw, 30 lks. wide, course S. 50° W.
22.95	Carbon County Road No. 701, 40 lks. wide, bears SE. and NW.
36.00	Draw, 15 lks. wide, course S.
38.97	The cor. of secs. 9, 10, 15 and 16, monumented with and iron post, 2½ ins. diam., firmly set, projecting 12 ins. above the ground, with a steel fence post alongside, with brass cap mkd.
	<p style="text-align: center;">T17N R93W  <math>\frac{S\ 9}{S\ 16}   \frac{S\ 10}{S\ 15}</math>            1966</p> <p>Attached sign to existing fence post and added 1994 to the brass cap.</p> <p>Cor. is located 2.85 chs. N. of Overland Trail, 30 lks. wide, bears E. and W.</p> <hr style="width: 60%; margin-left: 0;"/>

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## T. 17 N., R. 93 W., Sixth Principal Meridian, Wyoming

CHAINS	GENERAL DESCRIPTION
	<p>The area embraced by this survey is situated in the northwest portion of Carbon County, approximately 15 miles southeast of Wamsutter, Wyoming. The terrain consist of rolling hills with sagebrush. The elevation ranges from about 6665 feet to about 6740 feet above sea level. The soil is sandy loam and clay. Vegetation consist of native grasses and sagebrush.</p> <p>Drainage of the area is all secondary to Coal Gulch, draining southerly through the western portion of the area, assisted by numerous small draws and ravines. Access is provided by Carbon County Road No. 710 (graded dirt) originating at Wamsutter and unimproved dirt roads. The Overland Trail extends through the area. Oil and gas activity prevails throughout the area.</p>



## CERTIFICATE OF SURVEY

I, Thomas E. Casinger, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day of August, 1994, I have completed a corrective dependent resurvey of a portion of the subdivisional lines, Township 17 North, Range 93 West, of the Sixth Principal Meridian, in the State of Wyoming, 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.

AUG 16 1994

(Date)

Thomas E. Casinger  
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Cheyenne, Wyoming

The foregoing field notes of the corrective dependent resurvey of a portion of the subdivisional lines, Township 17 North, Range 93 West, Sixth Principal Meridian, Wyoming, executed by Thomas E. Casinger, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

AUG 16 1996

(Date)

John P. Lee  
(Signature of Authorized Officer)