

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE FOURTEENTH GUIDE MERIDIAN WEST,
THROUGH TOWNSHIP 30 NORTH, BETWEEN RANGES 112 AND 113 WEST,

AND

A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 18,
TOWNSHIP 30 NORTH, RANGE 112 WEST,
OF THE SIXTH PRINCIPAL MERIDIAN,
IN THE STATE OF WYOMING.

EXECUTED BY

LYNN A. FORBES

CADASTRAL SURVEYOR

MATTHEW J. KURCHINSKI

SURVEYING TECHNICIAN

Under Special Instructions dated OCTOBER 22, 1998, approved OCTOBER 23, 1998, which provided for the surveys included under Group Number 658, and assignment instructions dated OCTOBER 22, 1998.

Survey commenced OCTOBER 27, 1998

Survey completed JUNE 10, 2000

T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

CHAINS	<p>The following field notes are those of the dependent resurvey of a portion of the Fourteenth Guide Meridian West, through Township 30 north, between Ranges 112 and 113 West, and a portion of the subdivisional lines, and the subdivision of section 18, Township 30 North, Range 112 West, Sixth Principal Meridian, Wyoming.</p> <p>The history of surveys pertaining to this resurvey is as follows:</p> <p>John E. Shannon surveyed the Fourteenth Guide Meridian West (west boundary) in 1892. John E. and James W. Shannon surveyed the subdivisional lines in 1892.</p> <p>Paul N. Scherbel, Wyoming Registered Land Surveyor No. 164, has executed several surveys in the area over the past thirty years.</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 No. 658, Wyoming, dated October 22, 1998.</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. 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 retracement data was thoroughly verified and only true line field notes are given herein, which refer to the completed survey.</p> <p>The survey was executed with a WILD model T1000 theodolite, WILD Model DI5S electronic distance meter, Trimble global positioning system (GPS) Model 4700 receivers and by chaining methods. The instruments were maintained in proper adjustment at all times. The directions of all lines refer to the true meridian, determined by hour angle observations of the sun at various points along the lines of survey and carried forward by sustained angulation, and by GPS observation.</p> <p>The geographic position of the corner of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., based on NAD 83(1993) and determined by Global Positioning System methods is:</p> <p>Latitude 42° 35' 41.39" N., Longitude 110° 14' 23.34" W.</p> <p>The mean magnetic declination is 13½° E.</p>
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Dependent Resurvey, Portion of the 14th Guide Meridian West,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

<p>CHAINS</p>	<p style="text-align: center;">(Restoring the survey executed by John E. Shannon in 1892)</p> <hr style="width: 20%; margin: auto;"/> <p>Beginning at the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., monumented with a quartzite stone, 12x7x5 ins., firmly set 6 ins. in the ground, dimly mkd. 3 notches on S. edge, no other mks. visible, with a steel post 2½x1½ ins., firmly set, projecting 2 ins. above the ground alongside, and a mound of stone, 2 ft. base, 1 ft. high, in tire casing, W. of the cor., as filed in the Sublette County Clerk's Office.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T30N R113W R112W S 13 S 18 <hr style="width: 10%; margin: auto;"/> S 24 S 19 1998</p> </div> <p>Bury the original cor. stone, retain the steel post, and set a steel fence post alongside the iron post. Retain the mound of stone in the tire casing W. of the cor.</p> <p>N. 0° 07' E., bet. secs. 13 and 18.</p> <p>Over rolling terrain.</p> <p>20.02 Point for the S. 1/16 sec. cor. of secs. 13 and 18.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T30N R113W R112W S 1/16 S 13 S 18 1998</p> </div> <p>Set a steel fence post alongside the iron post.</p> <p>40.04 The 1/4 sec. cor. of secs. 13 and 18, monumented with a quartzite stone, 12x6x5 ins., firmly set 9 ins. in the ground, plainly mkd. 1/4 on W. face, with a mound of stone, 2 ft. base, 1 ft. high, in tire casing, W. of the cor., as filed in the Sublette County Clerk's Office.</p>
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Dependent Resurvey, Portion of the 14th Guide Meridian West,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

CHAINS	
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T30N R113W R112W 1/4 S 13 S 18 1998</p>
	Bury the original cor. stone and set a steel fence post alongside the iron post. Retain the mound of stone in the tire casing W. of the cor.
	<hr style="width: 20%; margin: auto;"/> <p>N. 0° 07' E., beginning new measurement.</p>
	Over rolling terrain.
3.60	Road, gravel surfaced, bears ESE. and WNW.
22.50	Road, gravel surfaced, bears SE. and NW.
40.04	The cor. of secs. 7, 12, 13 and 18, monumented with a quartzite stone, 13x6x3 ins., firmly set 10 ins. in the ground, plainly mkd. 1 notch, only on N. edge, and 4 notches on S. edge, no other mks. visible, with a mound of stone, 2 ft. base, 1 ft. high, W. of the cor., as filed in the Sublette County Clerk's Office.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T30N R113W R112W S 12 S 7 <hr style="width: 10%; margin: auto;"/> S 13 S 18 1998</p>
	Bury the original cor. stone alongside the iron post. Retain the mound of stone W. of the cor.
	<hr style="width: 100%;"/>

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

CHAINS	<p style="text-align: center;">(Restoring the survey executed by John E. and James W. Shannon in 1892)</p> <hr style="width: 20%; margin: auto;"/> <p>From the cor. of secs. 19, 20, 29 and 30, monumented with a granite stone, 12x6x5 ins., firmly set 11 ins. in the ground, plainly mkd. 5 grooves on E. face and 2 grooves on S. face, with a mound of stone, 2 ft. base, 2 ft. high, W. of the cor. in a tire casing.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins, in the ground, in a mound of stone, 2 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td colspan="2">T30N R112W</td></tr> <tr><td>S 19</td><td>S 20</td></tr> <tr><td colspan="2"><hr style="width: 50%; margin: 0 auto;"/></td></tr> <tr><td>S 30</td><td>S 29</td></tr> <tr><td colspan="2">1998</td></tr> </table> </div> <p>Bury the original cor. stone alongside the iron post. Retain the mound of stone in the tire casing W. of the cor.</p> <p>Cor. is located 38 lks. S. and 50 lks. E. of gravel surfaced road, bears NE. and SW.</p> <p>N. 88° 22' W., bet. secs. 19 and 30.</p> <p>Over nearly level terrain.</p> <p>40.10 The 1/4 sec. cor. of secs. 19 and 30, monumented with a granite stone 12x6x6 ins., firmly set 6 ins. in the ground, plainly mkd. 1/4 on N. face, with a mound of stone, 2 ft. base, 2 ft. high, N. of cor.</p> <p>At corner point</p> <p>Set a iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td colspan="2">T30N R112W</td></tr> <tr><td>S 19</td><td></td></tr> <tr><td>1/4</td><td>—</td></tr> <tr><td>S 30</td><td></td></tr> <tr><td colspan="2">1998</td></tr> </table> </div>	T30N R112W		S 19	S 20	<hr style="width: 50%; margin: 0 auto;"/>		S 30	S 29	1998		T30N R112W		S 19		1/4	—	S 30		1998	
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S 30																					
1998																					

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

<p>CHAINS</p>	<p>Bury the original cor. stone and set a steel fence post alongside the iron post. Retain the mound of stone, 2 ft. base, 2 ft. high, N. of the cor.</p> <hr/> <p>From the cor. of secs. 17, 18, 19 and 20, monumented by Paul N. Scherbel, Wyoming Registered Land Surveyor No. 164, as filed in the Sublette County Clerk's Office, with a quartzite stone, 16x7x5 ins., firmly set 10 ins. in the ground, plainly mkd. 5 notches on E. edge, 3 notches on S. edge and SS on W. face, atop a quartzite stone, 7x6x3 ins., lying flat alongside, plainly mkd. 5 notches on an edge and 3 notches on adjacent edge, with an iron pipe, 60 ins. long, 2 ins. diam., firmly set projecting 36 ins. above the ground alongside. This position is accepted as a careful and faithful perpetuation of the original cor. position.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td colspan="2">T30N R112W</td> </tr> <tr> <td>S 18</td> <td>S 17</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td>S 19</td> <td>S 20</td> </tr> <tr> <td colspan="2">1998</td> </tr> </table> </div> <p>Bury the original cor. stone, Mr. Scherbel's stone, and reset the iron pipe alongside the iron post.</p> <p>From this point the cor. of secs. 19, 20, 29 and 30, bears S. 0° 06' W., 80.57 chs. dist.</p> <p>N. 88° 10' W., bet. secs. 18 and 19, with a mean bearing of the E. 1/2 mile bet. secs. 7 and 18 and secs. 19 and 30.</p> <p>Over nearly level terrain.</p> <p>40.09 Point for the 1/4 sec. cor. of secs. 18 and 19, determined at a mean bearing and distance, based on retracement bearings and distances to found original 1/4 sec. cors. a mile to the north and south, from the cor. of secs. 17, 18, 19 and 20, falls in hay field; there is no remaining evidence of the original cor. This method of restoration is harmoniously related to the pattern formed by found original cors. to the north and south and was determined to be the most applicable to reestablish the original cor. position.</p>	T30N R112W		S 18	S 17	<hr/>		S 19	S 20	1998	
T30N R112W											
S 18	S 17										
<hr/>											
S 19	S 20										
1998											

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

CHAINS	
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T30N R112W S 18 1/4 ——— S 19 1998</p>
	Set a steel fence post alongside the iron post.
	<p>From this point, a position established by Paul N. Scherbel, Wyoming Registered Land Surveyor No. 164, as filed in the Sublette County Clerk's Office, bears S. 1° 58' W., 1.23 chs. dist., monumented with a quartzite stone, firmly set flush with the ground in hay field, plainly mkd. X SS 1/4 on top. This position was established on a straight line between adjoining section corners. After direct discussions with Mr. Scherbel, it was decided the best method to reestablish the position was to use the pattern formed by found original 1/4 sec. cors. to the north and south and therefore this position was not utilized during the course of this resurvey.</p>
	<hr style="width: 20%; margin: auto;"/> <p>S. 89° 18' W., beginning new measurement.</p>
	Over nearly level terrain.
19.30	Road, gravel surfaced, bears N. and S.
23.20	Point for the W. 1/16 sec. cor. of secs. 18 and 19.
	Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T30N R112W S 18 W1/16 ——— S 19 1998</p>
	Set a steel fence post alongside the iron post.
31.73	The cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp.
	<hr style="width: 20%; margin: auto;"/> <p>From the cor. of secs. 17, 18, 19 and 20</p>
	N. 0° 39' E., bet. secs. 17 and 18.

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

CHAINS	
	Over gently rolling terrain.
20.09	<p>Point for the S. 1/16 sec. cor. of secs. 17 and 18.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, in a mound of stone, 2 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T30N R86W S1/16 S 17 S 18 2000</p>
40.18	<p>Set a steel fence post alongside the iron post.</p> <p>The 1/4 sec. cor. of secs. 17 and 18, monumented with a granite stone, 10x6x5 ins., firmly set 6 ins. in the ground, in a collar of stone, plainly mkd. 1/4 on W. face.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T30N R86W 1/4 S 17 S 18 1998</p>
	Bury the original cor. stone alongside the iron post.
	N. 0° 34' E. beginning new measurement.
	Over gently rolling terrain.
19.93	Fence, bears E. and W.
20.055	<p>Point for the N. 1/16 sec. cor. of secs. 17 and 18.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R86W N1/16 S 17 S 18 2000</p>
20.27	Trail road, bears E. and W.

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

<p>CHAINS 40.11</p>	<p>The cor. of secs. 7, 8, 17 and 18.</p> <hr/> <p>From the cor. of secs. 7, 8, 17 and 18, monumented with a quartzite stone, 14x6x2 ins., firmly set 9 ins. in the ground, plainly mkd. 3 notches on E. edge, no other mks. visible.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T30N R112W</p> <table border="1" style="margin: auto;"> <tr> <td>S 7</td> <td>S 8</td> </tr> <tr> <td>S 18</td> <td>S 17</td> </tr> </table> <p>1998</p> </div> <p>Bury the original cor. stone and set a steel fence post alongside the iron post.</p> <p>N. 87° 58' W., bet. secs. 7 and 18.</p> <p>Over gently rolling terrain.</p>	S 7	S 8	S 18	S 17
S 7	S 8				
S 18	S 17				
<p>40.08</p>	<p>The 1/4 sec. cor. of secs. 7 and 18, monumented with a quartzite stone, 11x8x5 ins., loosely set 3 ins. in the ground, plainly mkd. 1/4 on N. face.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T30N R112W</p> <table style="margin: auto;"> <tr> <td>S 7</td> </tr> <tr> <td>1/4 —</td> </tr> <tr> <td>S 18</td> </tr> </table> <p>1998</p> </div> <p>Bury the original cor. stone and set a steel fence post alongside the iron post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 88° 44' W., beginning new measurement.</p> <p>Over gently rolling terrain.</p>	S 7	1/4 —	S 18	
S 7					
1/4 —					
S 18					

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

CHAINS	
32.42	The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp.
	<hr/> Subdivision of Section 18, T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming <hr/>
	<p>From the 1/4 sec. cor. of secs. 18 and 19.</p> <p>N. 0° 37' E., on the N. and S. center line of sec. 18.</p> <p>Over nearly level terrain.</p>
19.655	<p>Point for the center S. 1/16 sec. cor. of sec. 18.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T30N R112W C S1/16 S 18 C 1998</p> <p>Set a steel fence post alongside the iron post.</p>
39.31	<p>Point for the center 1/4 sec. cor. of sec. 18, at intersection with the E. and W. center line.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R112W C1/4 S 18 1998</p> <p>Set a steel fence post alongside the iron post.</p>
80.41	<p>The 1/4 sec. cor. of secs. 7 and 18.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 17 and 18.</p> <p>N. 89° 24' W., on the E. and W. center line of sec. 18.</p> <p>Over gently rolling terrain.</p>

Subdivision of Section 18,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

CHAINS	
40.11	The center 1/4 sec. cor. of sec. 18.
60.50	Intersection of roads, gravel surfaced, extending N., S. and NW.
63.45	Point for the center W. 1/16 sec. cor. of sec. 18.
	Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T30N R112W W1/16 C——C S 18 1998
	Set a steel fence post alongside the iron post.
72.17	The 1/4 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp.
	From the W. 1/16 sec. cor. of secs. 18 and 19.
	N. 0° 24' E., on the N. and S. center line of the SW¼ of sec. 18.
	Over gently rolling terrain.
19.92	Point for the SW. 1/16 sec. cor. of sec. 18, at intersection with the E. and W. center line of the SW¼.
	Set an iron post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T30N R112W SW1/16 S 18 1998
	Set a steel fence post alongside the iron post.
39.84	The center W. 1/16 sec. cor. of sec. 18.
	From the center S. 1/16 sec. cor. of sec. 18.
	S. 89° 57' W., on the E. and W. center line of the SW¼ of sec. 18.
	Over gently rolling terrain.

Subdivision of Section 18,
T. 30 N., R. 112 W., Sixth Principal Meridian, Wyoming

CHAINS	
19.80	Road, gravel surfaced, bears N. and S.
23.28	The SW. 1/16 sec. cor. of sec. 18.
31.90	The S. 1/16 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp.
GENERAL DESCRIPTION	
<p>The area embraced by this survey is situated in the southwest portion of Sublette County, approximately 7 miles northwest of Big Piney, Wyoming. The terrain varies from nearly level to gently rolling with the elevation ranging from about 7,050 feet to about 7,120 feet above sea level. The soil is primarily sandy loam. The vegetation consists of native grasses and sagebrush.</p> <p>Drainage is provided by McNinch wash which flows in a southeasterly direction through the area surveyed. The area is uninhabited and primarily used for grazing and other agricultural activities. The only mineral activity noted was several dry hole markers.</p> <p>Access is provided by a graded gravel road, supplemented by trail roads.</p>	

CERTIFICATE OF SURVEY

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We, Lynn A. Forbes, Cadastral Surveyor, and Matthew J. Kurchinski, Surveying Technician, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22nd day of October, 1998, we have dependently resurveyed a portion of the Fourteenth Guide Meridian West, through Township 30 North, between Ranges 112 and 113 West, and a portion of the subdivisional lines, and subdivided section 18, Township 30 North, Range 112 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.

APR 23 2001

(Date)

Lynn A. Forbes
(Cadastral Surveyor)

APR 23 2001

(Date)

Matthew J. Kurchinski
(Not Available for Signature)
(Surveying Technician)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Cheyenne, Wyoming

The foregoing field notes of the dependent resurvey of a portion of the Fourteenth Guide Meridian West, through Township 30 North, between Ranges 112 and 113 West, and a portion of the subdivisional lines, and the subdivision of section 18, Township 30 North, Range 112 West, Sixth Principal Meridian, Wyoming, executed by Lynn A. Forbes, Cadastral Surveyor, and Matthew J. Kurchinski, Surveying Technician, having been critically examined and found correct, are hereby approved.

APR 23 2001

(Date)

John P. Lee
(Signature of Authorized Officer)