ORIGINAL

TOWNSHIP 53 NORTH, RANGE 89 WEST, OF THE SIXTH PRINCIPAL MERIDIAN, WYOMING.

AMENDED PROTRACTION DIAGRAM UNIT IE
(UNSURVEYED)

This amended protraction diagram is prepared in accordance with Instruction Memorandum No. 93-353, dated September 16, 1993, titled "Revised Procedure for Developing Protraction and Amended Protraction Diagrams."

NAD 1983

Point ID	Latitude	Longitude
100500	44°34'42.7320"	107°37'14.8868"
100600	44°35'34.8547"	107°37'14.8879"
100700	44°36'26.9773"	107°37'14.8890"
200500	44°34'42.7325"	107°36'01.9594"
200600	44°35'34.8552"	107°36'02.0329"
200700	44°36'26.9778"	107°36'02.1064"
300500	44°34'42.7330"	107°34'49.0333"
300600	44°35'34.8557"	107°34'49.0886"
300700	44°36'26.9783"	107°34'49.1440"
400500	44°34'42.7335"	107°33'36.1072"
400600	44°35'34.8563"	107°33'36.1444"
400700	44°36'26.9788"	107°33'36.1816"
500500	44°34'42.7341"	107°32'23.1811"
500600	44°35'34.8568"	107°32'23.2001"
500700	44°36'26.9794"	107°32'23.2192"
600400	44°33'50.6117"	107°31'10.2541"
600500	44°34'42.7346"	107°31'10.2550"
600600	44°35'34.8573"	107°31'10.2559"
600700	44°36'26.9799"	107°31'10.2568"

Latitudes and Longitudes are computed such that they portray standard sections for an elevation of 6000 ft. for this township.

The actual area of protracted blocks (PB) shown on this diagram may vary due to the reliability of the survey information used to determine the positions of the existing boundaries. A PB cannot be divided without further survey which may include establishment of monuments on reliably protracted lines.

This diagram does not constitute an official survey, but establishes the plan of survey, and may be used for leasing and administrative purposes only.

Unless otherwise shown, each unsurveyed section contains 640 acres.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Cheyenne, Wyoming — August 25, 1995

This diagram represents the official protraction of the rectangular system of surveys and is hereby approved.

For the Director

John P. Lee

Chief Cadastral Surveyor for Wyoming

MEW

AMENDED DIAGRAM IE - T. 53 N., R. 89 W.

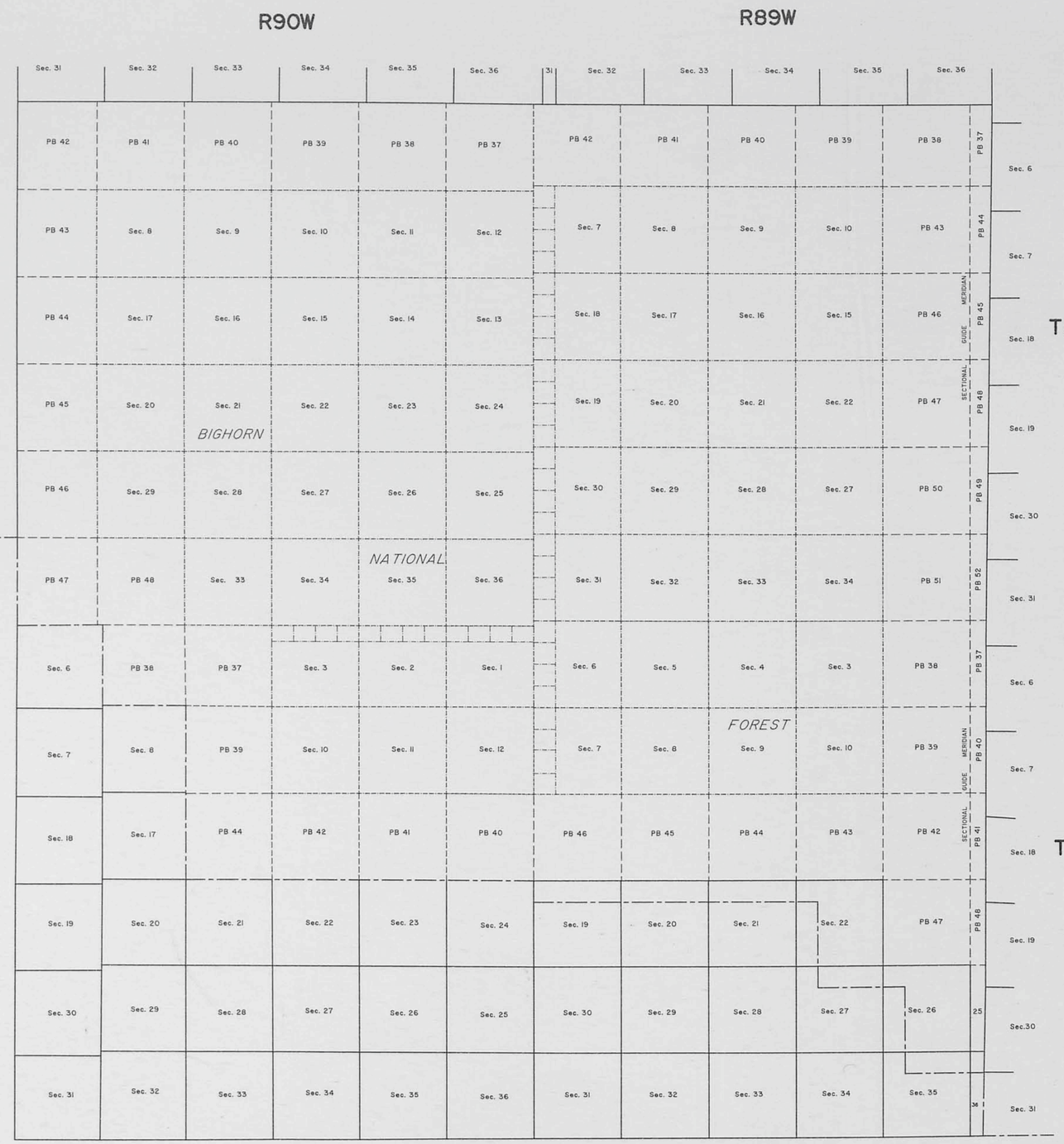
Attention: Not an Official Survey

ORIGINAL

SHEET I OF 5

TOWNSHIP 53 and 54 NORTH, RANGE 89 and 90 WEST, OF THE SIXTH PRINCIPAL MERIDIAN, WYOMING.

AMENDED PROTRACTION DIAGRAM UNIT IE
(UNSURVEYED)

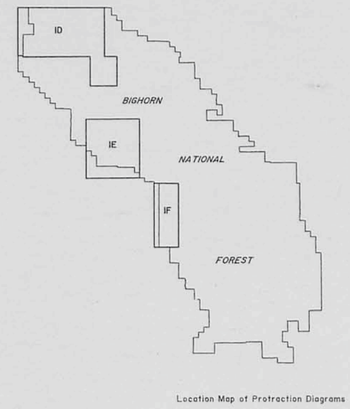


National Forest Boundary
Previously Surveyed Lines
Protracted Lines
Reliable Protracted Lines
R & T Random and True

Forest boundary as shown is taken from latest data available from U.S. Forest Service Geometronics Service Center.

TOWNSHIP INDEX

T. 53 N., R. 89 W.	Sheet 2
T. 53 N., R. 90 W.	Sheet 3
T. 54 N., R. 89 W.	Sheet 4
T. 54 N., R. 90 W.	Sheet 5



Location Map of Protraction Diagrams

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Cheyenne, Wyoming August 25, 1995

This diagram represents the official protraction index and is hereby approved.

For the Director

John P. Lee

Chief Cadastral Surveyor for Wyoming

80 60 40 20 10 0 80 160 240

Scale in Chains

AMENDED PROTRACTION DIAGRAM INDEX - UNIT IE

MEW

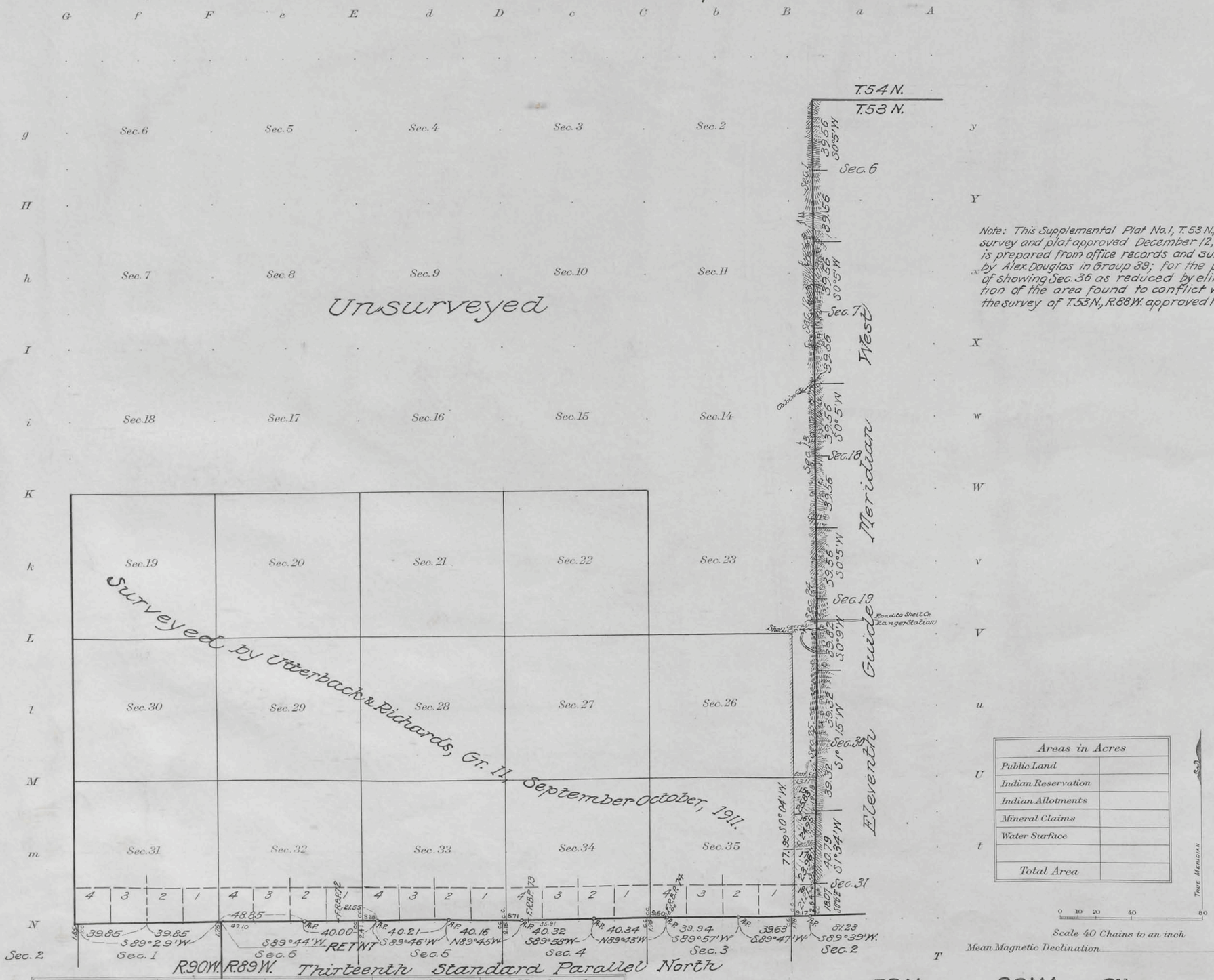
Attention: Not an Official Survey

Click Here for Field Notes

4909 (4-675a) Accepted August 13, 1919. ORIGINAL

Supplemental Plat No. 1.

Township No. 53 North Range No. 89 West of the Sixth Principal Meridian, Wyoming



Note: This Supplemental Plat No. 1, T. 53 N., R. 89 W. survey and plat approved December 12, 1913 is prepared from office records and surveys by Alex. Douglas in Group 39; for the purpose of showing Sec. 36 as reduced by elimination of the area found to conflict with the survey of T. 53 N., R. 88 W. approved Feb. 27, 1884.

Areas in Acres	
Public Land	
Indian Reservation	
Indian Allotments	
Mineral Claims	
Water Surface	
Total Area	

True Meridian

0 10 20 40 80

Scale 40 Chains to an inch

Mean Magnetic Declination

Surveys Designated	By Whom Surveyed	Group No.	Group Date	Amount of Surveys Mls.	chs.	lks.	When Surveyed Begun	Completed
Standard Par'l Ret'd	Alex. Douglas	39	March 7, 1917 May 27, 1918	4	10	34	Sept. 6, 1917	Sept. 18, 1917
Guide Meridian Res'd	"	"	"	5	54	24	Aug. 3, 1918	Aug. 14, 1918
Connections	"	"	"		13	11	Aug. 13, 1918	Aug. 13, 1918

The above map of Township No. 53N. Range No. 89W. of the 6th. Principal Meridian WYOMING is strictly conformable to the field notes of the survey thereof on file in this office, which have been examined and approved

U. S. Surveyor General's Office.
Cheyenne Wyoming March 6, 1919

Charles L. Decker
Surveyor General.

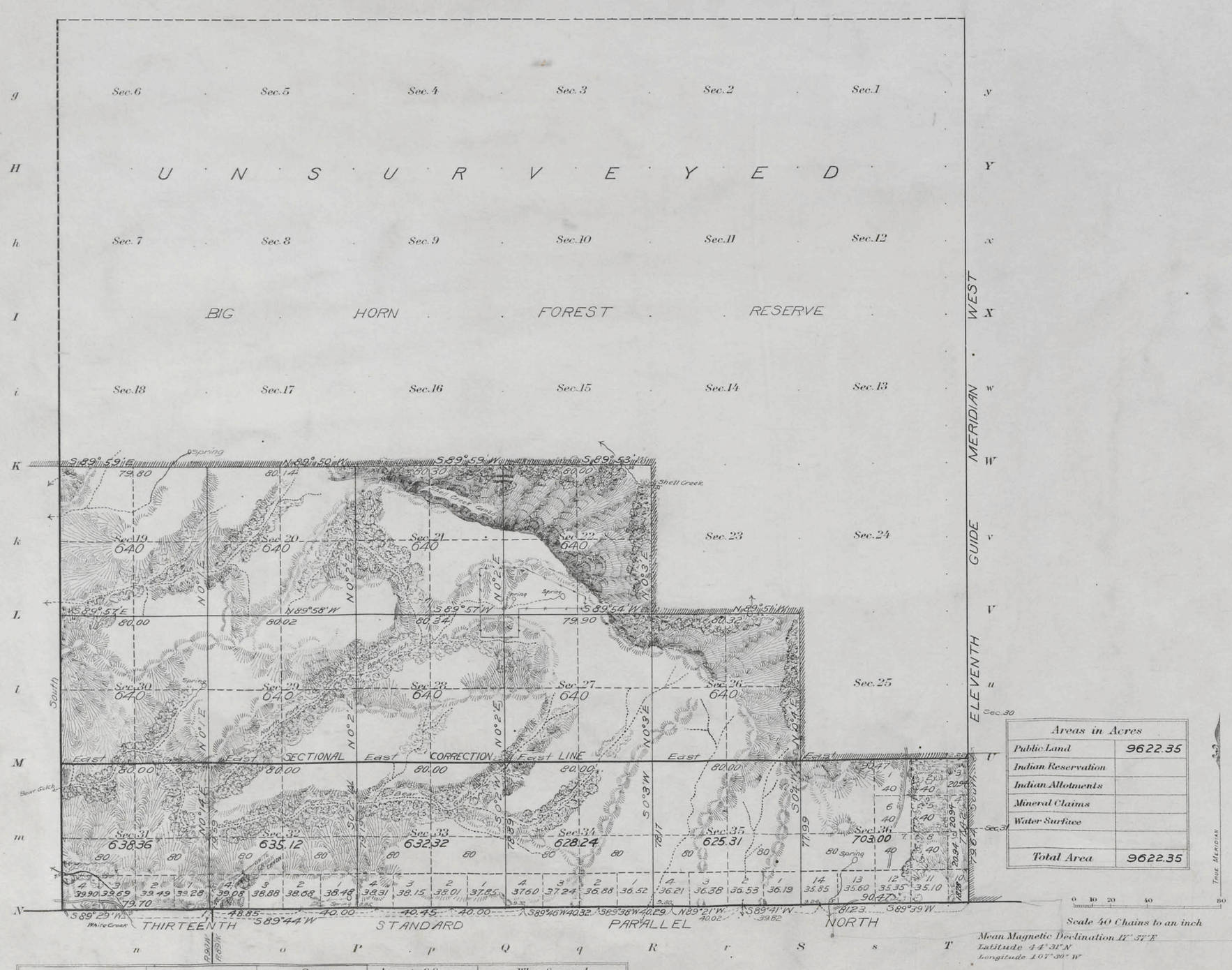
2947-A.

53-89

Click Here for Field Notes

4906 (4-675a)

Fractional Township No. 53 North, Range No. 89 West of the Sixth Principal Meridian, Wyoming



Areas in Acres	
Public Land	9622.35
Indian Reservation	
Indian Allotments	
Mineral Claims	
Water-Surface	
Total Area	9622.35

Scale 40 Chains to an inch

Mean Magnetic Declination 11° 57' E
Latitude 44° 31' N
Longitude 107° 30' W

Surveys Designated	By Whom Surveyed	Group No.	Group Date	Amount of Surveys Mls.	Amount of Surveys chs.	Amount of Surveys lks.	When Surveyed Begun	When Surveyed Completed
Subdivision	Utterback and Richards	11	August 24 1911	29	5	12	September 19, 1911	October 6, 1911
Resurvey Thirteenth Standard Parallel	" " "	"	" "	6	10	68	September 19, 1911	September 22, 1911
Resurvey Eleventh Guide Meridian	" " "	"	" "		79	64	September 21, 1911	September 21, 1911
Resurvey West Township Line	" " "	"	" "	3	00	00	September 24, 1911	September 24, 1911
Connections	" " "	"	" "		39	43	September 25 1911	September 25, 1911

Fractional
The above map of Township No. 53 North, Range No. 89 West of the Sixth Principal Meridian, Wyoming, is strictly conformable to the field notes of the survey thereof on file in this office, which have been examined and approved.

U. S. Surveyor General's Office.
Cheyenne, Wyoming, December 12, 1913

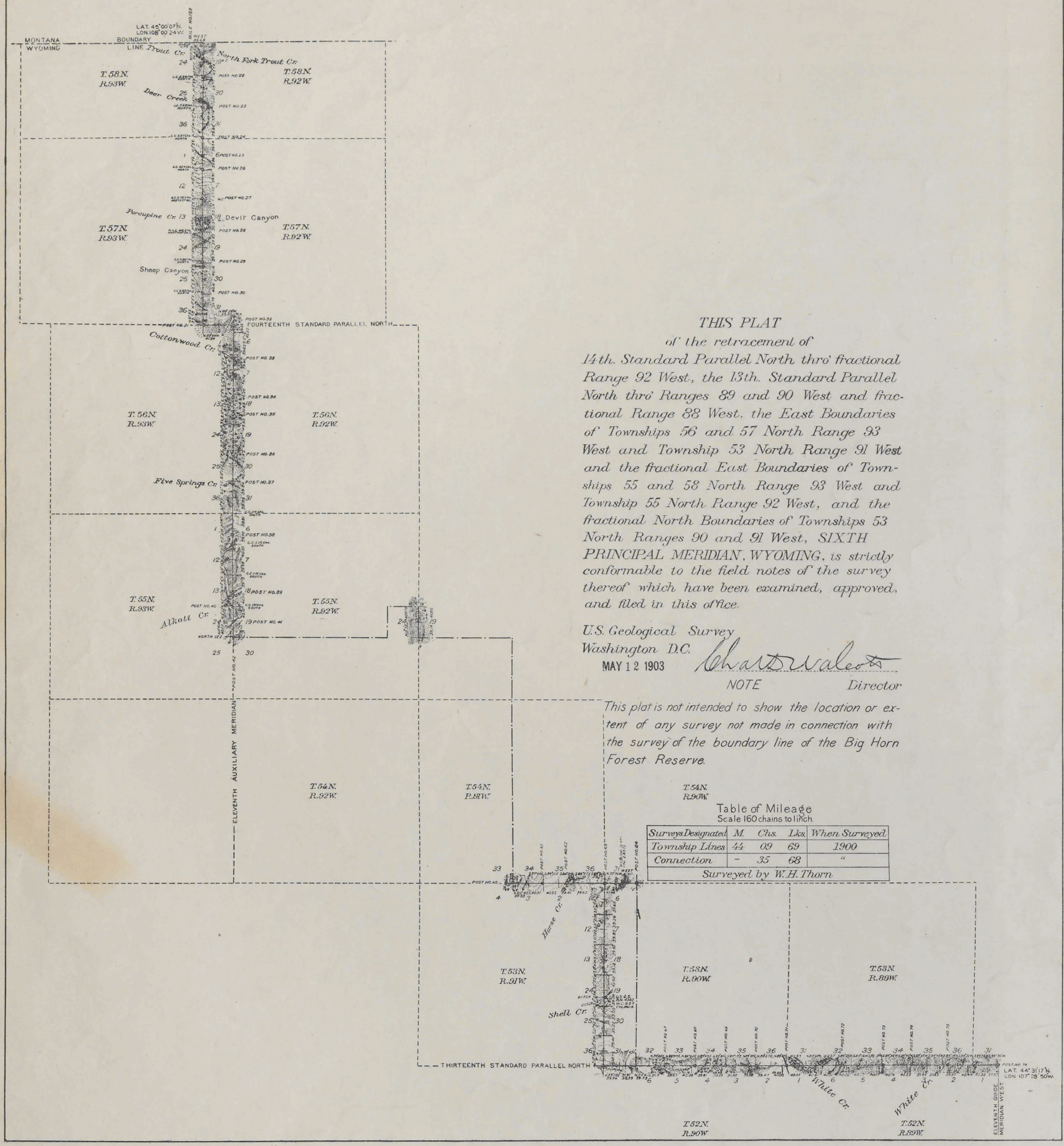
Charles L. Deckes
Surveyor General.

2947

53-89

2955

4917



THIS PLAT

of the retracement of 14th. Standard Parallel North thro' fractional Range 92 West, the 13th. Standard Parallel North thro' Ranges 89 and 90 West and fractional Range 88 West. the East Boundaries of Townships 56 and 57 North Range 93 West and Township 53 North Range 91 West and the fractional East Boundaries of Townships 55 and 58 North Range 93 West and Township 55 North Range 92 West, and the fractional North Boundaries of Townships 53 North Ranges 90 and 91 West, SIXTH PRINCIPAL MERIDIAN, WYOMING, is strictly conformable to the field notes of the survey thereof which have been examined, approved, and filed in this office.

U.S. Geological Survey
Washington D.C.
MAY 12 1903

Charles D. Walcott
Director

NOTE

This plat is not intended to show the location or extent of any survey not made in connection with the survey of the boundary line of the Big Horn Forest Reserve.

Table of Mileage
Scale 160 chains to inch.

Surveys Designated	M.	Chs.	Lks.	When Surveyed
Township Lines	44	09	69	1900
Connection	-	35	68	"
Surveyed by W.H. Thorn				

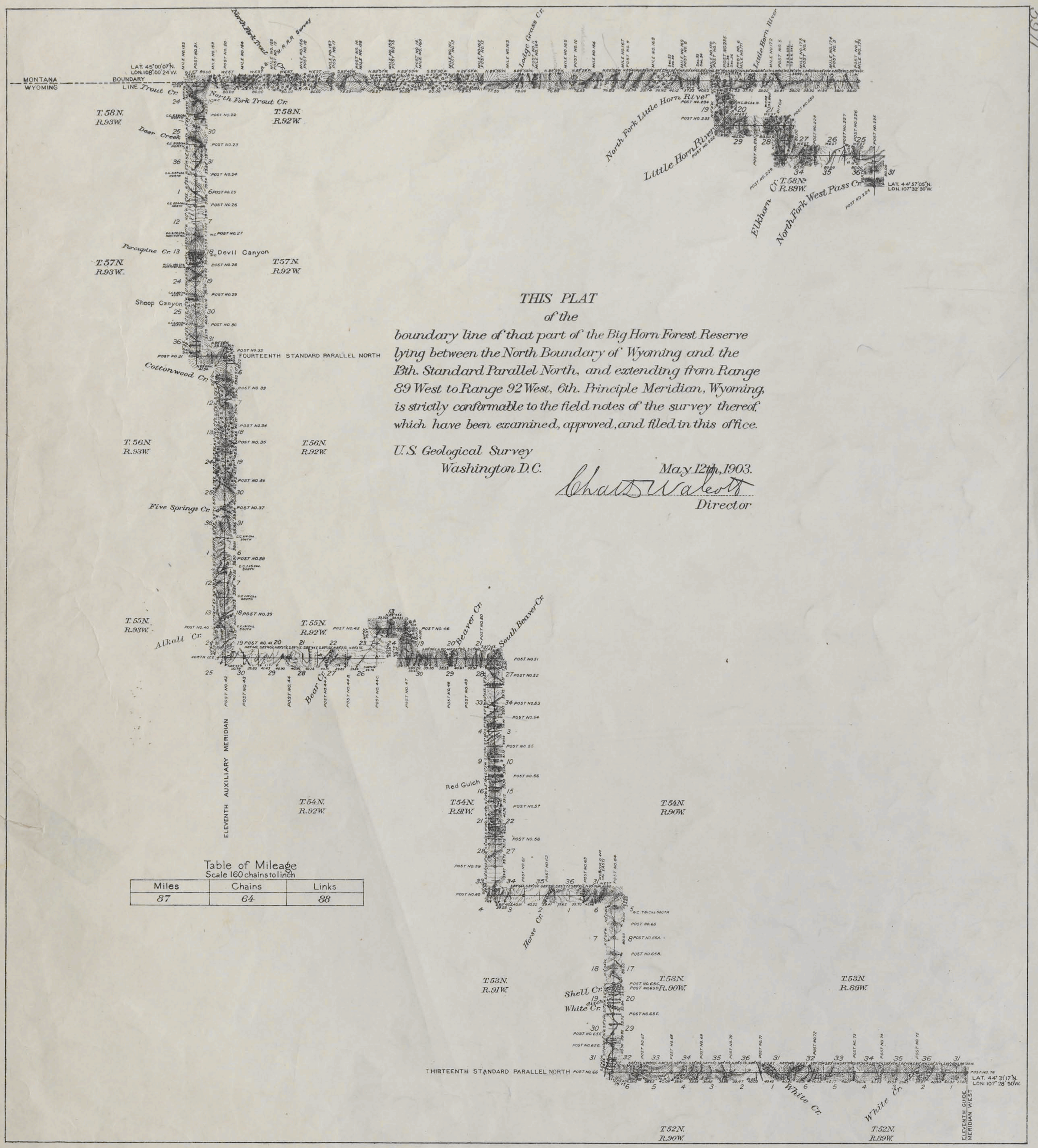
RECEIVED S.G.O.
AUG 11 1903
CHEYENNE, WYO.

2954

Click Here for Field Notes

44

5971



THIS PLAT
of the
boundary line of that part of the Big Horn Forest Reserve lying between the North Boundary of Wyoming and the 13th. Standard Parallel North, and extending from Range 89 West to Range 92 West, 6th. Principle Meridian, Wyoming, is strictly conformable to the field notes of the survey thereof, which have been examined, approved, and filed in this office.

U.S. Geological Survey
Washington D.C.

May 12th, 1903.

Chas D Walcott
Director

Table of Mileage
Scale 160 chains to inch

Miles	Chains	Links
87	64	88

99

21

RECEIVED U. S. G. S.
AUG 11 1903
CHEYENNE, WYO.

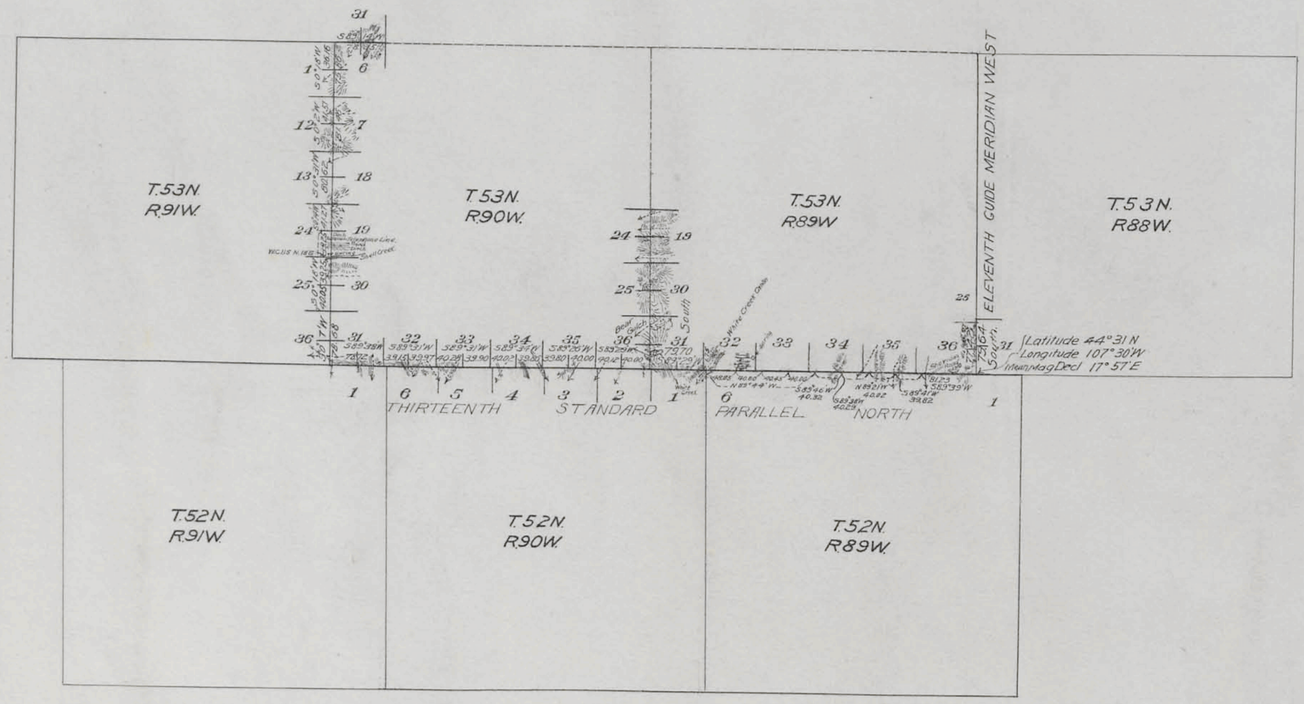
Click Here for Field Notes

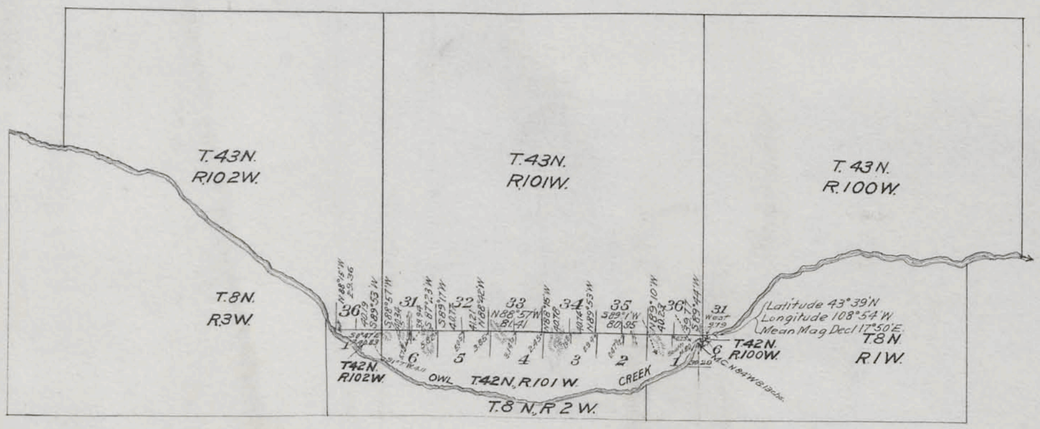
4904

RESURVEY

TOWNSHIP EXTERIORS

Scale: 20 Chains to 1 inch





This Plat
of the Resurvey of the
Thirteenth Standard Parallel North, through Ranges 89 and 90 West,
The Eleventh Guide Meridian West through a portion of Township 53 North,
West, and a portion of the North and East Boundaries of Township 53 North, Range 90 West,
North Boundary of Townships 42 North, Ranges 100, 101, & 102 West
and the
East and West Boundaries of Township 42 North, Range 102 West of the Sixth Principal Meridian, Wyoming, is strictly conformable to the field notes of the resurvey thereof,
by
Wilford W. Utterback U.S. Transitman
under his
Assignment to Group No. 11
dated August 24, 1911,
which have been examined, approved and filed in this office.

U.S. Surveyor General's Office,
Cheyenne, Wyoming,
December 12, 1913

Charles L. Decker
U.S. Surveyor General

Surveys Designated	Amount			When Surveyed
Resurvey Standard Lines	13	08	14	Sept. 1911 - Sept. 22, 1911.
Resurvey Township Lines	17	57	01	Sept. 21, 1911 - Oct. 23, 1911.
Connections		8	13	Oct., 16, 1911 - Oct. 16, 1911

2943

2940

Click Here for Field Notes

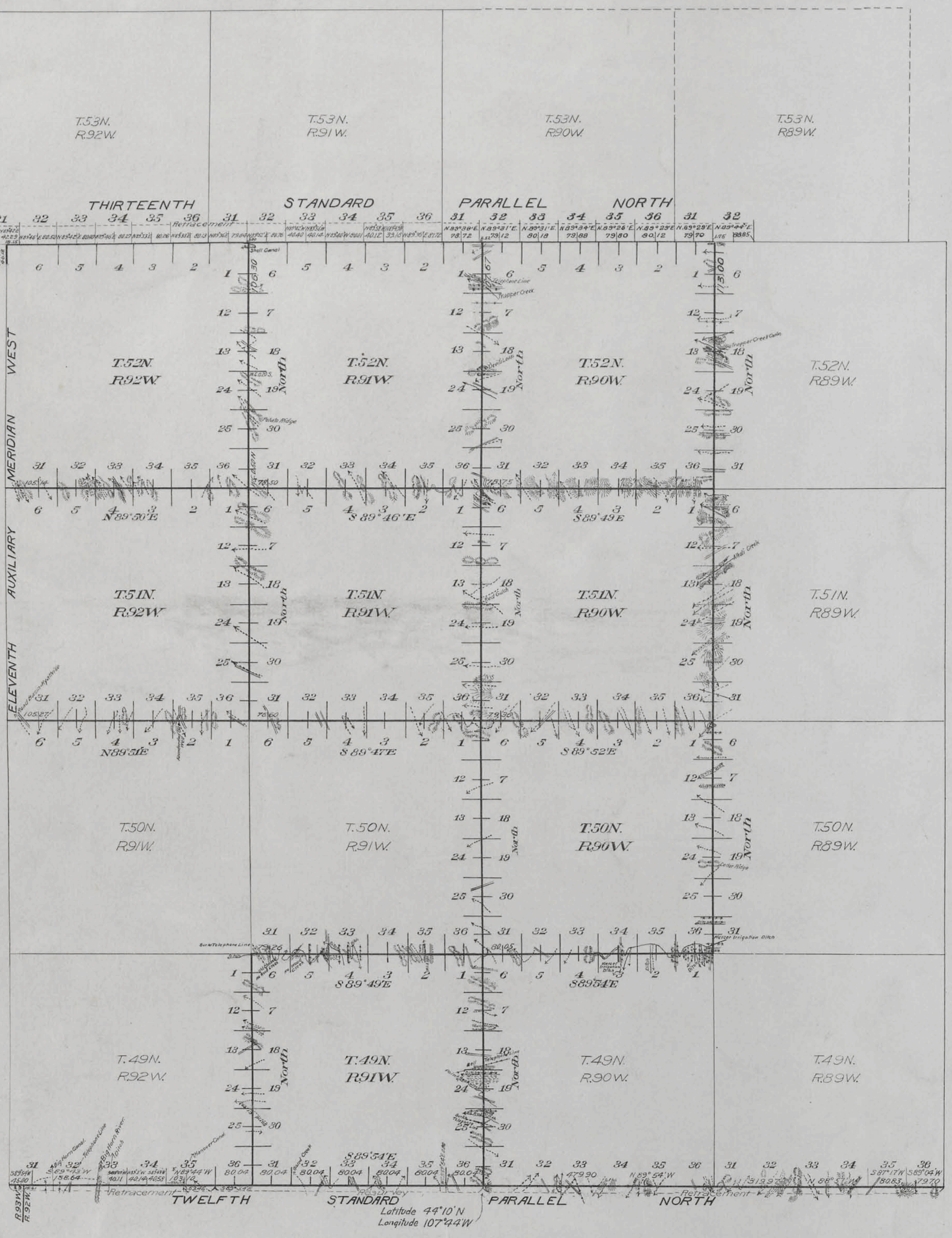
Ret. / Resurvey Notes, All or Part

Indexed

1904

RESURVEY
TOWNSHIP EXTERIORS

Scale: 160 Chains to 1 Inch



This Plat
of the Resurvey
of
Twelfth Standard Parallel North, through Range 91 West and a portion of Range 92 West,
the Retracement
of the
Twelfth Standard Parallel North, through Ranges 89, 90 West, and a portion of Range 92 West,
Thirteenth Standard Parallel North, through Ranges 89, 90, 91 and 92 West,
and the
Resurvey of the
South and East Boundaries of Townships 51 and 52 North, through Ranges 90, 91 and 92 West
South, East and West Boundaries of Township 50 North, Range 90 West,
and the
North, East and West Boundaries of Township 49 North, Range 91 West of the Sixth Principal Meridian, Wyoming, is strictly conformable to the field notes of the resurvey thereof,
by
Wilford W. Utterback and
Utterback and Richards
under their assignment to
Group No 6
dated March 31, 1911,
which have been examined, approved and filed in this office.
U. S. Surveyor General's Office
Cheyenne, Wyoming
August 10, 1914

Charles L Deeker
U. S. Surveyor General.

Surveys Designated	Amount Mls.	Chs.	Lks.	When Surveyed
Standard Lines Retraced	37	00	36	June 2, 1911 – Sept. 20, 1912
Standard Lines Resurveyed	7	40	46	July 3, 1911 – Sept. 24, 1912
Township Lines	109	51	90	July 6, 1911 – July 16, 1912
Connections	6	10	57	July 6, 1911 – Sept. 24, 1912

R.M.T.

21

30

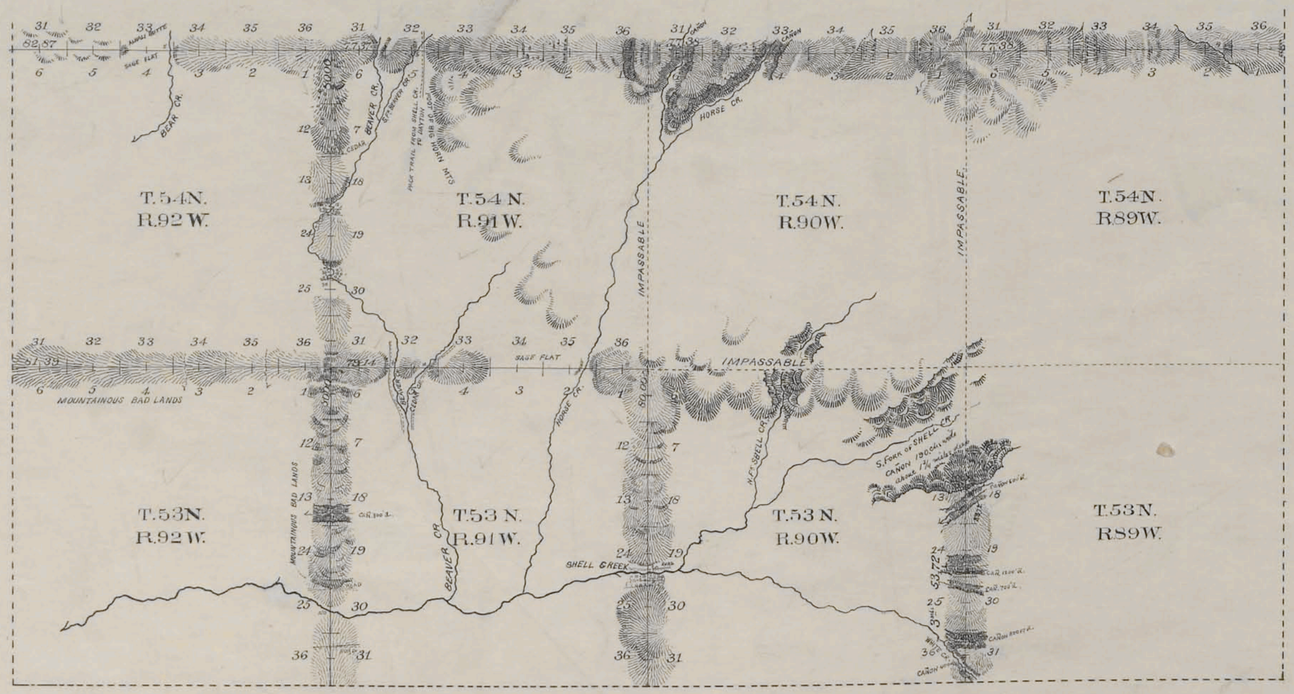
60

Click Here for Field Notes

Accession no 1291

EXTERIOR LINES

Scale 1 inch = 2 miles Magnetic Var: East



Township lines at minimum rates 13 Mls 30 Chs 02 Lks
" " " *intermediate* " 44 " 19 " 23 "

Surveys Designated	By Whom Surveyed	Date of Contract	Amount of Surveys Mls / Chs / Lks	When Surveyed	Magnetic Declination
Exterior Lines	John E. Shannon	June 18 1890.	57 49 25	Sept 1-27-1890.	From 17 30 E ast. To 17 35 "

I hereby certify that the above diagram of the Exterior lines of Townships 53 and 54 North. Ranges 89.90.91 and 92 West of the Sixth Principal Meridian in Wyoming, is strictly conformable to the field notes of the survey thereof on file in this office, which have been examined and approved.

Surveyor Generals Office
Cheyenne, Wyoming June 25-1895

Wm A. Richards
Surveyor General

2480

(26)

3312

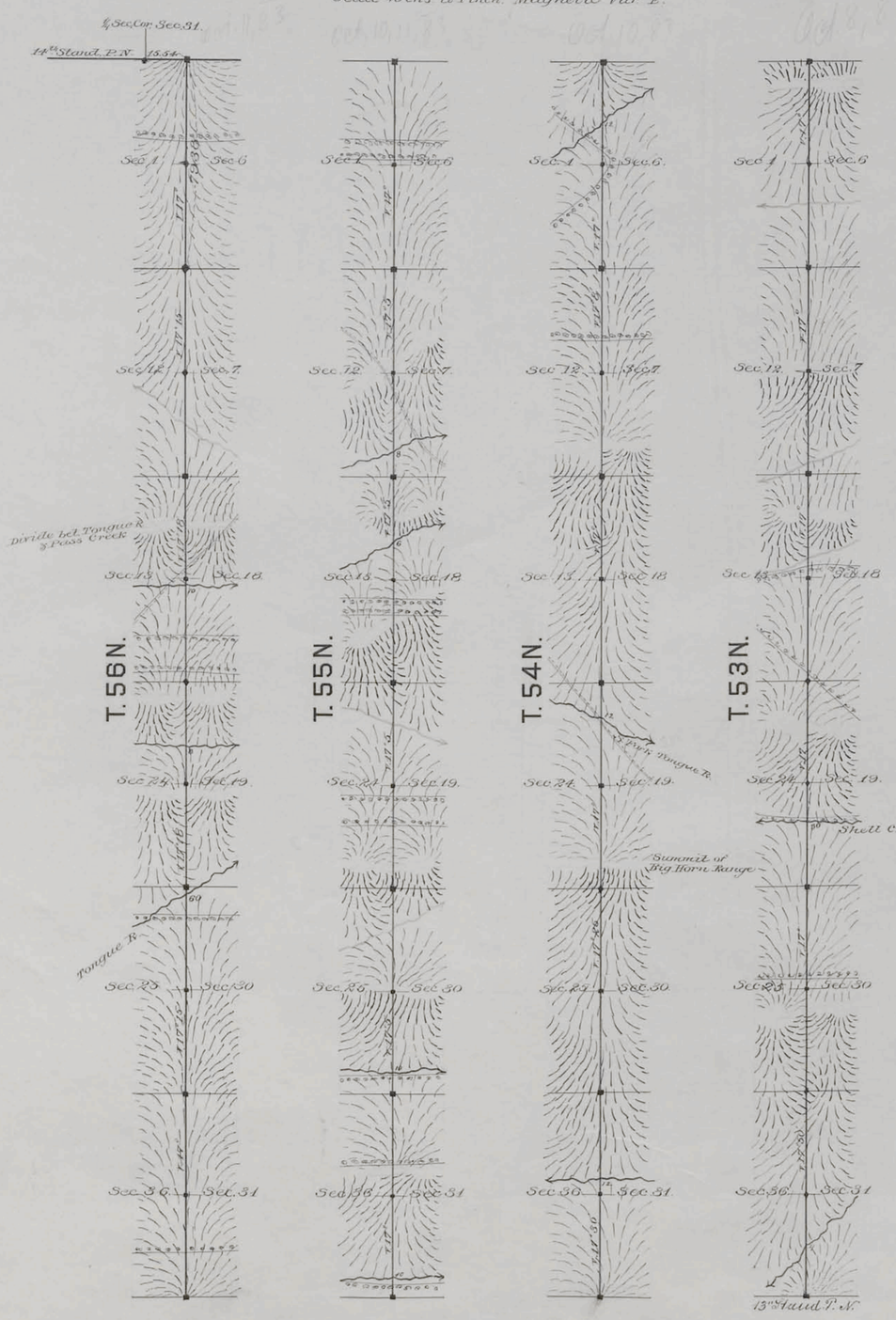
Click Here for Field Notes

15

11TH GUIDE MERIDIAN WEST.

In Tps 53.54.55&56 N. between Rs 88 & 89 W. of the 6th P.M. Wyoming Territory.

Scale 40 chs. to 1 inch. Magnetic Var: E.



Surveys Designated.	By Whom Surveyed.	Date of Contract.	Amount of Surveys			When Surveyed.
			Mls	Chs	Lks	
11th Guide Mer. W.	Ed. F. Stahle	Sep. 21st 1880	23	79	38	Oct. 8-11 1883
Connections	" "	" "		15	54	" "

I hereby certify that the above diagram of the 11th Guide Meridian West in Tps 53.54.55 & 56 N. between Rs 88 & 89 W. of the 6th P.M. Wyo. Ter. is strictly conformable to the field notes of the survey thereof on file in this office, which have been examined and approved.

Surveyor General's Office,
Cheyenne Wyoming February 27th 1884

Edw. C. Laird
Surveyor General.

2056

(24) Indexed

2811

Click Here for Field Notes

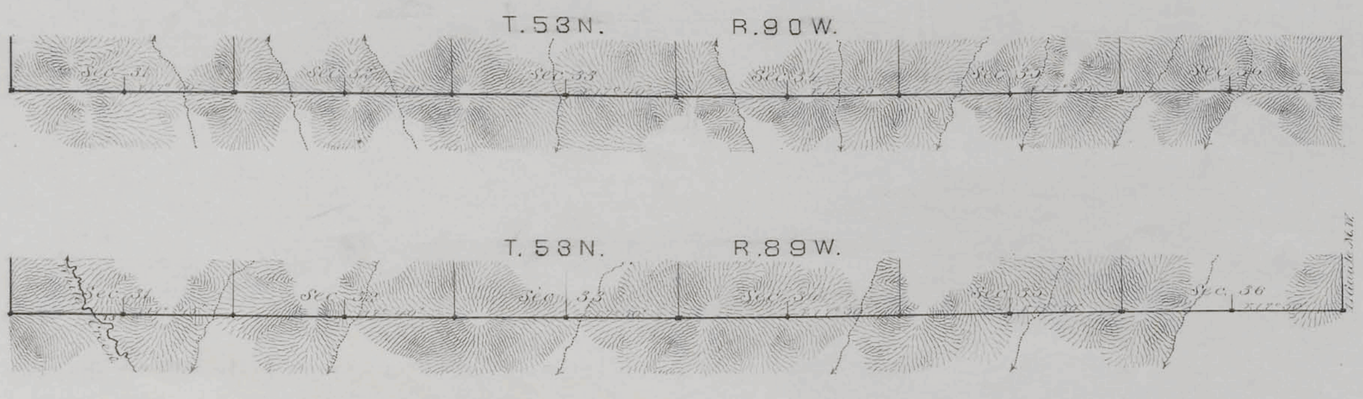
Retracement Notes, All or Part

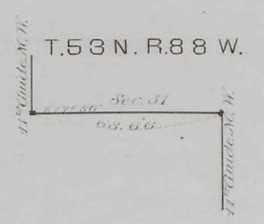
13TH STANDARD PARALLEL NORTH

Along the S. boundary of Tp. 53 N. Rs 88, 89 & 90 W. of the 6th P.M. Wyo. Ty.

Scale 40 Chs. to 1 inch. Mag. Var. East.

Course West.





Survey Designated.	By whom Surveyed.	Date of contract.	Amount of Survey Mls.	Chs	Lks.	When Surveyed.
13th Stand. Par. N.	W. J. Boland.	June 5th 1882.	12	68	66	Nov. 10th 11, 1882.

I hereby certify that the above diagram of the 13th Standard Parallel North, along the S. boundary of Tps. 53 N., Rs. 88, 89 & 90 W. of the 6th P. M. Wyoming Territory, is strictly conformable to the field notes of the Survey thereon on file in this Office, which have been examined and approved.

Surveyor General's Office, Cheyenne Wyoming, December 22nd 1883.

Edw. C. Davis
Surveyor General.

1858