

HOMESTEAD

ENTRY SURVEYS

VOL. 5

201 - 244

212 - 214 - 218

221 - 229 - 233

236 NOT INC.

Space labels
one to sample
sheet

HOMESTEAD

ENTRY SURVEYS

VOL 5

201-244

212-217, 218,
221-229-233
236 -NOT INC.

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

ORIGINAL
Recd Let. No. 1921
237

FIELD NOTES

355

HOMESTEAD ENTRY SURVEY NO. 237

SITUATED IN THE TETON NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 4

In Section 13, unsurveyed, Township 38 N. , Range 14 W.

of the

6th Principal Meridian.

~~STATE~~

State of Wyoming

237

Applicant for listing Clare R. Van Vleck

Residence Jackson, Wyoming.

Application No. 270 , dated January 19 , 1913

List No. 4-1369 , dated January 26 , 1914
amended February 16 1920

Applicant for survey Frank E. Van Vleck

Residence Bondurant, Wyoming

H. E. No. 04274 , dated August 13 , 1914

Land Office Evanston

Survey executed by Marshall S. Wright Surveyor
(Forest Service Title.)

Under special instructions dated February 19 , 1920

Survey commenced June 24 , 1920

Survey completed June 25 , 1920

Under Acts of June 11, 1906, July 24, 1919.

OVER

Accepted by *Boone*
May 17, 1921

237

OATH OF ASSISTANTS

I hereby certify that I assisted **Marshall S. Wright**
Surveyor in surveying all those
(Forest Service Title)

parts or portions of Homestead Entry Survey No. **237**, in the State
of **Wyoming** which are represented in the following field notes
as having been surveyed by him and under his direction; and that said
survey has been in all respects, to the best of ~~my~~ knowledge and
belief, well and faithfully surveyed, and the corner monuments estab-
lished, according to the instructions furnished by the United States
Surveyor General for **Wyoming**.

Charles J. Truscott
(Chairman)

Subscribed and sworn to before me this **26th** day of
June, 19**20**.

Marshall S. Wright

Surveyor - Forest Service.

OATH OF SURVEYOR

I, **Marshall S. Wright**, Surveyor
(Forest Service Title)

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **Wyoming**, dated
February 19, 19**20**, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, surveyed a tract
of land embraced in,

List No.4-1369, dated Jan. 26, 1914, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. **237**,
situated within the **Teton** National Forest, in
un surveyed Section **13**, Township **38 N.**, Range **114 W.**, and
surveyed Section, Township, Range

of the **6th Principal** meridian, **Wyoming**, and the
related retracements and resurveys and section subdivisions, which are
represented in the following field notes as having been surveyed by me;
and I further solemnly swear that all the corners of said survey have
been established and perpetuated in strict accordance with the stated
special instructions, and in the specific manner described in the field
notes, and that the following are the original field notes of such
survey.

Marshall S. Wright

Surveyor
(Forest Service Title)

Subscribed and sworn to before me this **11th** day of
February, 19**21**.

Hattie R. Patterson
Notary Public



HOMESTEAD ENTRY SURVEY NO. 237

TETON NATIONAL FOREST

STATE OF WYOMING

Chains

Clare R. Van Vleck, Applicant for listing. Application No. 270, dated January 19, 1913.

Frank E. Van Vleck, entryman, H. E. 04274, August 13, 1914, Evanston Land Office, Wyoming.

Special instructions for H.E. survey No. 237, dated February 19, 1920.

Claim situated in unsurveyed Sec. 13, T. 38 N., R. 114 W., of the 6th Principal Meridian, Wyoming, in the Teton National Forest.

Authority contained in the Acts of June 11, 1906, and July 24, 1919.

Survey commenced June 24, 1920, and executed with Buff and Buff Transit, No. 10533, the horizontal limb having two double verniers, placed opposite to each other and reading to single minutes of the arc. Measurements made with a Lallie 5-chain steel tape, directly on the slope, vertical angles being taken with a clinometer, and slope distances reduced to their true horizontal equivalents for entry in the field notes.

I examine the adjustments of the transit, finding all adjustments correct.

MERIDIAN DETERMINATION

At Cor. No. 1 of this survey, I observe the altitude of the sun for azimuth:

Latitude 43° 15' 13" N.) From Gros Ventre Quadrangle;
 Longitude 110° 27' 39" W.) U. S., Geological Survey.

Correct time derived by observing the transit of the sun across meridian at apparent noon.

Observation 1

June 24, 1920.

At 8 h. 20 m. A.M., apparent time.

Observed vertical angle = 41° 18'

Horizontal angle (from reference to left to sun) = 84° 58' 15".

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12.

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Chains

From this observation I calculate the bearing of a reference stake, firmly set, centered with a tack, 10.00 chs. dist., from my station, as S. $0^{\circ} 42' 07''$ W.

Observation 2

June 24, 1920, at the same station, at 7 h. 57 m.

49 s., P.M., l. m. t.

I foresight on reference stake, described above and turn $179^{\circ} 31'$ to the right to Polaris in position.

Latitude, longitude and derivation of time previously stated.

U. C. Polaris June 25, 1920, 7 h. 19.5 m.

Longitude correction 1.2

L. M. T. of observation 7 h. 18.3 m.

Subtract from 12 h. 00.0 m.

Time to midnight 4 h. 02.2 m.

Add to 7 h. 18.3 m.

Argument 11 h. 20.5 m.

Azimuth of Polaris = N. $0^{\circ} 14' 54''$ E.

Bearing of reference line = S. $0^{\circ} 43' 54''$ W.

The mean of these two observations is S. $0^{\circ} 43' 00''$ W.,

and to the corresponding meridian all courses of

this survey are referred.

Mean magnetic declination = $18^{\circ} 42'$ E.

RETRACEMENTS

Beginning at the corner of Secs. 13, 18, ~~and~~ 19 and 24, on the E. boundary of T. 38 N., R. 114 W., (partly surveyed and accepted), which is a sandstone firmly set, marked and witnessed as described by the Surveyor General.

-Thence

North

On a random line on the W. boundary of Sec. 18, T. 38 N.,

Chains

R. 113 W., (partly surveyed and accepted).

19.88 Leave temp. point for Cor. No. 7 of this survey, Cor. No. 3 of the listing survey, which is a limestone, firmly set, mkd. and witnessed as described by the Forest Service ~~Surveyor General~~, bears W. 8 lks. dist.

39.84 Fall 12 lks. E. of the $\frac{1}{4}$ Cor. on the W. boundary of Sec. 18, T. 38 N., R. 113 W., (~~partly~~ surveyed and accepted), which is a sandstone, firmly set, mkd. and witnessed as described by the Surveyor General. The bearing and length of this line is, therefore, N. 0° 10' W., 39.84 chs. dist., which is seen to vary 10' in bearing and 16 lks. in distance from that given in the original field notes.

BEGINNING AT THE COR. OF Secs. 13, 18, 19 and 24, on the W. boundary of T. 38 N., R. 113 W., heretofore described,

Thence

West

On a random line on the north boundary of Sec. 24, T. 38 N., R. 114 W., (partly surveyed and accepted).

39.83 Fall 3 $\frac{1}{2}$ lks. S. of the $\frac{1}{4}$ Sec. corner on the N. boundary of Sec. 24, T. 38 N., R. 114 W., (partly surveyed and accepted), which is a sandstone properly set, mkd. and witnessed, as described by the Surveyor General.

49.74 To Cor. No. 7 of the listing survey, which is a sandstone, firmly set, mkd. and witnessed as described by the Forest service ~~Surveyor General~~.

79.70 Fall 15 lks. S. of the corner of Secs. 13, 14, 23 and 24, T. 38 N., R. 114 W., (partly surveyed and accepted), which is a sandstone, firmly set, mkd. and witnessed as described by the Surveyor General.

The bearing and length of the E. half-mile of this line

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TETON NATIONAL FOREST

4.

STATE OF WYOMING

Chains

is therefore N. 89° 57' W., 39.83 chs., which is seen to vary 0° 03' in bearings, and 17 lks. in dist. from that given in the original field notes. The bearing and length of the $\frac{1}{2}$ mile of this line is, therefore, N. 89° 50' W., 39.87 chs., which is seen to vary 0° 10' in bearing and 13 lks. in dist. from that given in the original field notes.

BOUNDARIES OF CLAIM

Beginning at Cor. No. 1 of this survey, identical with the Cor. of Secs. 13, 18, 19 and 24, on the W. boundary of T. 38 N., R. 113 W., (accepted), which is a sandstone firmly set, mkd. and witnessed as described by the Surveyor General. I mk. a cross (x) on top of the stone for the true point for cor. and alongside to the NW., I set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, over broken glass, with a brass cap marked,

H.E.S.
237

1

1920

Dig pits 24 x 24 x 12 ins. N. and W. of corner, 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, $3\frac{1}{2}$ ft. dist., within the claim. No trace of listing Cor. No. 1 of the listing survey could be found.

Thence

N. 89° 57' W.

Over level, meadow, swampy land.

5.50 Leave swampy land, bears NE. and SW. over level meadow.

24.10 Wagon road, Course NE. and SW.

37.48 Forest Service telephone line, Course N. 21° 20' E., and S. 21° 20' W.

Chains
37.65
39.83

Pole fence, bears NE. and SW. Ascend SE. slope, 14 ft. to, Cor. No. 2 of this survey, identical with the Forest Service monument and Cor. No. 1 of the listing survey, which is a sandstone firmly set, mkd. and witnessed as described by the ~~Surveyor General~~ ^{Forest Service}, set alongside of and to the N. of the $\frac{1}{4}$ Sec. cor. on the N. boundary of Sec. 24, T. 38 N., R. 114 W., (partly surveyed and accepted), which is a granite stone, 5 x 8 ins. showing 6 ins. above the ground, marked and witnessed as described by the Surveyor General. I mk. a cross (x) on top of the $\frac{1}{4}$ Sec. Cor. for Cor. No. 2 of this survey, and alongside to the north. I set an iron post 3 ft. long, 2 ins. dia., 24 ins. in the ground, over broken glass, with a brass cap mkd.,

H. E. S. 237

2

1920

Raise a mound of stone, 4 ft. base, by 2 ft. high, $3\frac{1}{2}$ ft. dist., within the claim. I destroy the Forest Service monument and listing Cor. No. 1, and its witness.

The NW. cor. of Frank Van Vleck's house bears S. 70° 42' W., 4.32 chs. dist.

The NE. cor. of storehouse bears S. 71° 39' W., 4.48 chs. dist.

The N. gable of cowshed bears S. 67° 20' W. 5.95 chs. dist.

The N. gable of barn bears S. 44° 05' W., 9.55 chs. dist.

Thence

N. 89° 50' W.

Ascend a rocky SE. slope through scattered sagebrush, 74 ft. to,

9.91

Cor. No. 3 of this survey and closing cor. for which

HOMESTEAD ENTRY SURVEY NO. 237,

TETON NATIONAL FOREST

6.

STATE OF WYOMING.

Chains

I set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, over broken glass, for Cor. No. 3 of this survey and closing corner, with a brass capped mkd.,

H.E.S.
237
3
c 3

1920

No stone available for mound, pits impracticable; on steep 34° slope, Cor. No. 7 of the listing survey, previously described, bears S. 6½ lks. dist. I destroy it.

Thence

N. 1° 02' E.

Ascend an open SE slope 108 ft. to,

9.95 Cor. No. 4 of this survey, identical with Cor. No. 6 of the listing survey, which is a sandstone firmly set, mkd. and witnessed as described by the ~~Surveyor General~~ ^{Forest service}, in place of which, I set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, over broken glass for Cor. No. 4 of this survey, with a brass cap marked,

4

H.E.S.

237

1920

Raise a mound of stone, 4 ft. base, 2-ft. high, 3½ ft. dist. within the claim.

A lodgepole pine, 10 ins. in dia. bears S. 51° 50' W., 75 lks. dist.

A lodgepole pine, 6 ins. in dia., bears N. 83° 23' W. 85 lks. dist.

Both trees blazed and scribed X-4-HES-237-BT. I destroy

Chains listing Cor. No. 6 and its two witnesses.

Thence

N. 89° 25' E.

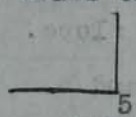
Descend SE. slope, 56 ft. to

9.34 Gulch, course SE.

9.84 To Cor. No. 5 of this survey, identical with Cor. No. 5

of the listing survey, which is a sandstone, firmly set, mkd. and witnessed as described by the

~~Surveyor General~~ ^{Forest Service} General, in place of which I set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, over broken glass, for Cor. No. 5 of this survey, with a brass cap marked,



H. E. S.
237

1920

Raise a mound of stone, 4 ft. base, 2 ft. high, 3 1/2 ft. dist., within the claim. I destroy listing Cor. No. 5 and its two witnesses.

Thence

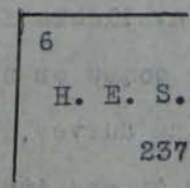
North

Ascend a SE. slope, 60 ft. to,

12.37 Cor. No. 6 of this survey, identical with Cor. No. 4 of

the listing survey, which is a sandstone, firmly set, mkd. and witnessed as described by the ~~Surveyor~~ ^{Forest Service}

General, in place of which, I set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, over broken glass for Cor. No. 6 of this survey, with a brass cap marked,



1920

Chains

Dig pits, 24 x 24 x 12 ins. on this and the succeeding course, 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, 3 1/2 ft. dist., within the claim.

A jack pine, 10 ins. in dia., bears S. 52° 40' W., 197 lks. dist.

A jack pine, 10 ins. in dia., bears S. 71° 04' W., 2.30 chs. dist.

Both trees blazed and scibed X-6-HES-237-BT.

I destroy listing corner No. 4 and its two witnesses.

Thence

S. 86° 15' E.

Descend a rolling SE. slope.

8.20 Pole fence, bears N. and S.

10.45 Spring branch, course S. 120 ft. below point of descent. Ascend SW. slope, 165 ft. to,

20.23 Spur, falls S. descend SE. slope, 36 ft. to,

26.40 Gulch, Course South, ascend SW. slope, 21 ft. to,

28.78 Point of spur, falls south, descend SE. slope, 95 ft. to,

35.22 Spring branch, course south, descend SW. slope 23 ft. to,

39.74 Cor. No. 7 of this survey and closing corner, for which

I set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, over broken glass for Cor.

No. 2 of this survey and closing corner, with a brass cap marked,

c

c

7

H.E.S.

237

1920

No stone available for mound, pits impracticable, as corner comes on steep sidehill. Cor. No. 3 of the listing survey, bears west, 8 lks. dist., I destroy it and its one witness.

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TETON NATIONAL FOREST

STATE OF IDAHO

Chains

Thence

S. 0° 10' E.

Descend SW slope, 100 ft. to,

10.16 Pole fence. Course E and W., over cultivated land.

14.37 Forest Service telephone line. Bears N. 78° 45' W.

and S. 78° 45' E. Descend rolling S. slope 36 ft. to

16.97 Wagon road. Course NE. and SW.

17.32 Irrigation ditch, 14 lks. wide, 12 ins. deep, course W.

Descend 16 ft. to,

18.80 Edge of swamp, bears E. and W.

19.88 To Cor. No. 1, the place of beginning.

June 25, 1920.

AREA

Area of H. E. S. No. 237 = 93.92 acres,

IMPROVEMENTS

The improvements on this claim, the property of the claimant herein, are as follows:

A 3-room log house, 30 x 26 ft., course of long side E. and W., location heretofore given.

Value \$700.

NE. corner of wood and storehouse, 12 x 24 ft., course of long side E. and W., location previously given, Value \$50.

Cattle shed, 40 x 16 ft., course of long side N. and S., bearing previously given, Value . . \$50.

Log barn, two story, 37 x 27 ft., course of long side N. and S., location previously given. Value \$700.

One mile pole fence. Value \$50.

Three quarter mile of ditch. Value \$150.

Farm implements. Value \$630.

Total value of improvements \$2,330.

DESCRIPTION

This claim is located about 7 miles NW. of Bondurant,

Chains

Wyoming, the nearest Post Office and about 75 miles SE. of Victor, Idaho, the closest railroad point, and is situated on the right hand of the Hoback River, on a large flat. There is a fairly good wagon road running through the claim, both up and down the River, and the U.S. Bureau of Public Roads are at the present time engaged in constructing a highway, which will do a great deal towards making this place more accesible.

The soil for the most part, is a rich sandy loam, and is very suitable for the growing of hay. The Northern half of the claim is composed of rolling hills, and is only suitable for grazing purposes. The present claimant has almost 60 acres under cultivation, which is covered by a ditch from the Hoback River.

There is no timber on the claim. No indications of mineral were found.

The land embraced in this survey was taken up in connection with the following legal subdivisions of surveyed sections in T. 38 N., Rs. 113 and 114 W. Lot 4, and SW $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$, of Sec. 18, T. 38 N., R. 113 W, containing 46.05 acres.

E $\frac{1}{2}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 24, T. 38 N., R. 114 W. containing 20 acres.

ADJOINING, CONFLICTING, AND NEARBY CLAIMS.

None.

No officer qualified to administer oaths being available, the final affidavits of the assistants are made before the surveyor in his official capacity.

August 27, 1920.

(Signed) *W. L. Smith*
Surveyor - Forest Service.

Chains

COMPUTATION SHEET

Direct Solar.

Observation for azimuth at Cor. No. 1 for bearing of
reference line.

$$\text{Cos. Azm.} = \frac{\text{Sin. decl.}}{\text{Cos. Lat.} \times \text{Cos. (H)}} \quad \text{--- Tan. Lat.} \times \text{Tan. (H).$$

Latitude = 43° 15' 13" } By account from camp site
Longitude = 110° 27' 39" } in T. 38 N., R. 114 W.

June 24, 1920.

At 8 h. 20 m. A.M. apparent time.

Declination = 23° 25' 03" N.

Observed vertical angle = 41° 18' 00"

Refraction in zenith dist. = 01' 06"

True vertical angle (H) = 41° 16' 54"

Cos. Azm. = 0.72614 --- 0.82600 = 0.09986.

Azm. Sun = S. 84° 16' 08" E.

Horizontal angle (from reference to left to sun) =
84° 58' 15"

Bearing of reference line = S. 0° 42' 07" W.

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APPROVAL

Office of the United States Surveyor General,

Cheyenne, Wyoming, March 9, 1921, ~~XXXX~~

The foregoing field notes of Homestead Entry Survey No. 237,
situate in the Teton National Forest in unsurveyed Section 13,
T. 38 N., R. 114 W. of the Sixth Principal Meridian,
executed by Marshall S. Wright, Surveyor,
under Special Instructions dated February 20, 1920.

~~executed by~~

~~[Forest Service Title]~~

~~under his special instructions, dated _____, 191~~, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Charles L. Becker
U. S. Surveyor General.

~~I certify that the foregoing transcript of the field notes of the
above described survey in the State of Wyoming, has been
correctly copied from the original notes on file in this office.~~