

HOMESTEAD
ENTRY
SURVEY

38
to
253

U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

FIELD NOTES

130

OF

HOMESTEAD ENTRY SURVEY NO. 255

SITUATED IN THE SHOSHONE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 2

In Section 29, unsurveyed, Township 50 North, Range 105 West

of the

Sixth Principal Meridian.

State of Wyoming

State of Wyoming

Applicant for listing B. C. Holman
Residence Ishawooa, Wyoming
Application No. 105 dated September 2, 1909
List No. 2-790 dated October 13, 1910.

Applicant for listing and survey Anson H. Eddy
Residence Ishawooa, Wyoming
Application No. , dated , 19
List No. 2-790 amended , dated March 3 , 1938

Applicant for survey Anson H. Eddy
Residence Ishawooa, Wyoming
H. E. No. 045288 dated June 6, 1927
Amended H. E. No. 045288 , dated July 11, , 1938
Land Office Cheyenne

Survey executed by Riley Cass, Highway Engineer
[Forest Service Title]

Under special instructions dated February 19 , 1934

Survey commenced August 30 , 1934

Survey completed August 17 , 1937

Under Acts of June 11, 1906; March 26, 1934; and June 29, 1937.
[Forest Service Title]

Accepted by Commer
Nov. 4, 1938

OATH OF ASSISTANTS

We hereby certify that we assisted **Riley Cass**
Highway Engineer [Forest Service Title.] in surveying all those
 parts or portions of Homestead Entry Survey No. 255, 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 our 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 District Cadastral Engineer for Wyoming

Michael Ransom
Kenneth Trask

Subscribed and sworn to before me this 17th day of

August, 1937.

Riley Cass

Highway Engineer

OATH OF SURVEYOR

I, **Riley Cass, Highway Engineer**

[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, 1934, 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. 2-790, dated October 13, 1910, and a tract
 of land upon the application of Anson H. Eddy

, No. , dated , 19 , for listing
 and a patent , under the Act of June 11 , 1906 ,
 the same to be known as Homestead Entry Survey No. 255 ,
 situated within the **Shoshone** National Forest, in
 un surveyed Section 29 , Township 50 N. , Range 105 W. , and
 surveyed Section , Township , Range ,

of the **Sixth 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.

Riley Cass

Highway Engineer

[Forest Service Title.]

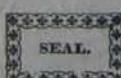
Subscribed and sworn to before me this 21st day of

October , 1938.

Harriet M. Brown

Notary Public

My commission expires Jan. 21, 1941



6-2549

HOMESTEAD ENTRY SURVEY NO. 255

SHOSHONE NATIONAL FOREST

STATE OF WYOMING

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Chains Applicant for listing, B. C. Holman, Ishawooa, Wyoming. Application No. 105, dated September 2, 1909. List No. 2-790, dated October 13, 1910. Shoshone National Forest Restored to Entry July 25, 1911. H. E. 045288, dated June 6, 1927. Amended July 11, 1938. Cheyenne Land District.

Applicant for listing and survey, Anson H. Eddy, Ishawooa, Wyoming. Application No. , dated List No. 2-790 Amended, dated March 3, 1938. H. E. , dated

This claim is located in Section 29, unsurveyed, T. 50 N., R.105 W., Sixth Principal Mer., Wyoming. Special instructions designating this survey as H.E.S. No. 255 were issued by the District Cadastral Engineer for Wyoming on February 19, 1934 under the authority of the Acts of June 11, 1906 and March 3, 1933, and the survey was executed under the Acts of June 11, 1906, March 26, 1934, and June 29, 1937. This survey includes unlisted as well as listed land. The entered land was not listed as a farm unit and as no suitable building site with domestic water supply was available, desirable unlisted land is included in this survey. All ties are obtained by direct measurement.

Survey commenced August 30, 1934 and executed with a Buff and Buff transit No. 10018. The horizontal limb is provided with two double opposite verniers reading to single minutes of arc, which is also the least count of the verniers of the vertical circle. All measurements are made with an eight chain steel tape, tested by comparison with a Lufkin standard steel tape 66 ft. long, and graduated to single links. Slope angles are determined with the transit and clinometer and measurements reduced to true horizontal distances, which alone appear in these notes. The adjustments of the transit are examined and found correct and so remain throughout the execution of the survey. The clinometer was tested by comparing its slope angles with those previously taken with the transit and was found correct.

1st Polaris Observation.

August 30, 1934. At cor. 8, H.E.S. No. 98, patented, hereinafter described, in latitude $44^{\circ} 16' N.$, longitude $109^{\circ} 30' 40'' W.$, as determined from the Ishawooa Quadrangle sheet of the U. S. Geological Survey, at 9h 03.3m a.m., by my watch which is adjusted to local mean time, I observe Polaris at western elongation and deflect $1^{\circ} 27' 52''$ to the east and select a foresight on the meridian. I deflect the courses of this survey from this meridian.

Retracement

From the above station.

Thence

N. $2^{\circ} 02' E.$

retracing line 8-9 of H.E.S. No. 98 patented, Elizabeth Sayles, claimant.

28.42 Fall 12 lks. west of cor. No. 9 of H.E.S. No. 98, hereinafter described.

S. $2^{\circ} 17' W.$ on true line 8-9 of H.E.S. No. 98, marking the same at convenient points for future reference.

21.44 Fall 5 lks. east of cor. No. 6 of the listing survey hereinafter described. Set temp. cor. No. 1 of this survey.

28.42 Cor. No. 8 H.E.S. No. 98.

HOMESTEAD ENTRY SURVEY NO. 255

SHOSHONE NATIONAL FOREST

STATE OF WYOMING

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| Chains | <p>Having completed all necessary retracements I proceed with the final survey.</p> <p>I begin at temp. cor. No. 1 of this survey previously established on line 8-9 of H.E.S. No. 98, in place of which Set a sandstone, 26 x 15 x 7 ins., 16 ins. in the ground, over red glass, mkd. with a cross (x) on top for exact cor. point for cor. No. 1 of this survey, mkd. 1 H.E.S. 255 on the NW side, and raise a mound of stone, 3 ft. base, 2 ft. high, 3$\frac{1}{2}$ ft. dist., within the claim. No bearings available and pits impracticable.</p> <p>Cor. 6 of the listing survey bears West 5 lks. dist., a sandstone 10 x 5 x 8 ins., exposed in mound of stone, mkd. H. 6. Anson Eddy, claimant herein, informs me that this cor. stood in a small dry wash about 50 lks. west and that he moved it to avoid destruction by erosion. I destroy this listing cor.</p> <p>Cor. of secs. 28, 29, 32 and 33, T. 50 N., R. 105 W., Sixth Prin. Mer. bears S. 39° 27' E., 30.36 chs. dist., which is a granite stone 6 x 7 x 2 ins. below the average surface of the surrounding alfalfa field and faced by two blazed cottonwoods, both heeled over. This tie is obtained by traverse, detailed computation of which is submitted herewith.</p> <p>Cor. No. 8, H.E.S. No. 98 bears S. 2° 17' W., 6.98 chs. dist., a granite stone 9 x 8 x 10 ins. above ground mkd. with a cross (x) on top and 8 H.E.S. 98 on the NE face and witnessed by a mound of stone and one BT.</p> <p>Cor. No. 9, H.E.S. No. 98, hereinafter described, bears N. 2° 17' E., 21.44 chs. dist.</p> |
| | <p>Mag. decl. at 10h 30m a.m. 18° 30' E. Mean mag. decl. 18° 30' E.</p> |
| | <p>Thence N. 2° 17' E., on E. bdy. of this claim, on line bet. listed land and H.E.S. No. 98, patented, Elizabeth Sayles, claimant. Asc. steep, grassy S. slope along wire fence. Asc. gradually. Desc. gradually.</p> |
| 7.00 16.00 21.44 | <p>Cor. No. 9, H.E.S. No. 98, patented, a granite stone, 10 x 8 x 10 ins. above ground, mkd. with a cross on top, and 9 H.E.S. 98 on SE side. I adopt this cor. for cor. No. 2 of this survey and mark same stone 2 H.E.S. 255 on SW side, facing the claim and raise a mound of stone 2$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, 3$\frac{1}{2}$ ft. dist., within the claim. No bearings available and pits impracticable.</p> |
| 1.70 2.60 13.70 16.80 19.30 26.22 | <p>Thence S. 87° 23' W., on N. bdy. of the claim, bet. listed and forest land. Asc. gradually along wire fence on E. slope. Desc. gradually on NW slope through low sage. Swale drains NE; asc. gradual NE slope. Along gradual S. slope. Desc. gradually along S. slope. Swale drains SE; asc. gradually. To cor. No. 8 of the listing survey, a granite stone 12 x 6 x 12 ins. exposed in mound of stone, mkd. H 6 - no witnesses. I destroy this cor. and in its place set a brown sandstone 27 x 14 x 5 ins., 17 ins. in the ground over brown glass, for cor. No. 3 of this survey, mkd. with a cross (x) on top for exact cor. point, mkd. 3 H.E.S. 255 on the SE side and raise a mound of stone, 2$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, 3$\frac{1}{2}$ ft. dist., within the claim. No bearings available and pits impracticable.</p> |

August 30, 1934.

HOMESTEAD ENTRY SURVEY NO. 255

SHOSHONE NATIONAL FOREST

STATE OF WYOMING

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Chains August 31, 1934.

Second Polaris Observation

At cor. No. 8-H.E.S. No. 98, patented, hereinbefore described, at 8h 59.4m a.m.; l.m.t., I observe Polaris at western elongation and lay off the azimuth $1^{\circ} 27' 52''$ to the east. This meridian checks the former determination within 1' of arc; therefore I conclude the results satisfactory.

At cor. No. 3 of this survey

Thence

S. $24^{\circ} 04' W.$ on bdy. of claim.

Desc. gradually on S. slope along wire fence.

0.50 Desc. rapidly on stony SW slope.

1.60 Desc. abruptly.

4.50 Dry draw drains W.

5.20 Spur falls W.

6.55 Bank of wash. Desc. vertical bank 12' high.

6.70 Creek, 1 lk. water 1 inch deep, course S.

6.85 Top of bank bet. creeks. Desc.

7.10 Creek, 1 lk. water 1 inch deep, course SE. Asc. gradually through sage on E. slope.

9.20 Spur falls SE.; desc. gradually.

12.75 Swale drains SE.; asc. gradually.

19.45 Desc. rapidly on SE slope.

21.55 Wash with trickle of water, course SE.

25.85 Left bank of gully, 85 lks. wide.

26.25 Gully drains SE.

26.50 Right bank of gully.

29.50 Forest Service trail up Ishawooa Creek bears E. and S. $60^{\circ} W.$; desc. rapidly through tall sagebrush.

31.05 Wire fence bears N. and S.

31.18 To cor. No. 7 of the listing survey, which is a granite stone, 20 x 15 x 11 ins. exposed in mound of stone.

I destroy this list cor. and its accessories and for cor. No. 4 of this survey

Set a gray sandstone, 25 x 20 x 8 ins., 15 ins. in the ground over broken green glass, mkd. with a cross (x) on top for exact point for cor. No. 4 of this survey, mkd. 4 H.E.S. on NE face and raise a mound of stone, 4 ft. base, 2 ft. high, $3\frac{1}{2}$ ft. dist., within the claim

A cedar, 4 ins. dia., bears S. $44^{\circ} 40' W.$ 24.5 lks. dist., blazed and mkd. with a cross and 4 H.E.S. 255 BT.

No other suitable bearings available.

August 31, 1934.

August 17, 1937.

Thence

N. $77^{\circ} 50' E.$ on bdy. of the claim.

.05 Wire fence bears N. & S.; asc. gradually on SW slope through tall sage.

2.00 Spur falls SE.

2.30 Right bank dry wash, 60 lks. wide, 15 ft. deep, drains S. $20^{\circ} E.$; across stony SE slope through low sage.

8.70 Descend gradually.

10.55 Right bank of wash.

11.10 Bed of wash from NW to S., thence SW.

11.45 Left bank wash; descend gradually on S. slope.

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Chains

11.74 Set a lime sandstone 39 x 11 x 10 ins., 29 ins. in the ground over a mkd. stone, mkd. with a cross (x) on top for exact cor. point for cor. No. 5 of this survey, mkd. 5 H.E.S. 255 on NE side and raise a mound of stone $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. dist., within the claim.
A cross on top of limestone, 3 x 3 x $1\frac{1}{2}$ ft. above ground, chiseled x BO bears S. $81^{\circ} 50'$ E., 30 lks. dist.
No other suitable bearings available.

Thence

S. $39^{\circ} 16'$ E. on bdy. of the claim.
Depart from listed land; enter unlisted land.
Descend gradually through sage on stony S. slope.
Desc. abruptly 35 ft. to bench.
Cross cottonwood flat.
Set a gray granite stone 24 x 15 x 6 ins., 14 ins. in the ground over blue and white queensware, mkd. with a cross (x) on top for exact cor. point for cor. No. 6 of this survey, mkd. 6 H.E.S. 255 on NE face, and raise a mound of stone 3 ft. base, 2 ft. high, $3\frac{1}{2}$ ft. dist., within the claim.
A cottonwood 6 ins. dia., bears N. $38^{\circ} 14'$ W., 67 lks. dist., and A cottonwood, 8 ins. dia., bears N. $39^{\circ} 26'$ E., 27.5 lks. dist., each blazed and scribed with a cross and 6 H.E.S. 255 BT.

Thence

N. $51^{\circ} 39'$ E. on bdy. of the claim.
Across cottonwood flat at approximate high water line of Ishawooa Creek - stony sandy land.
Pole fence bears NW and SE.
Set a gray granite stone, 24 x 18 x 6 ins., 14 ins. in the ground, over blue and white queensware, mkd. with a cross (x) on top for exact cor. point for cor. No. 7, mkd. 7 H E S on NW face, and raise a mound of stone, 3 ft. base, 2 ft. high, $3\frac{1}{2}$ ft. dist., within the claim.
A cottonwood, 8 ins. dia., bears N. $8^{\circ} 29'$ E., 19 lks. dist., and A cottonwood, 11 ins. dia., bears N. $74^{\circ} 12'$ E., 38 lks. dist., each blazed and scribed with a cross and 7 H E S 255 BT.

Thence

N. $34^{\circ} 36'$ W., on bdy. of the claim.
Across cottonwood flat - stony, sandy land.
Pole fence bearing NE & SW - corral.
Pole fence bearing NE & SW.
Fall 5 lks. east of root cellar.
Ascend abruptly on stony S. slope 40 ft. high.
Top of bank; asc. gradually through low sage.
Set a lava stone 24 x 16 x 10 ins., 14 ins. in the ground, over a mkd. stone, mkd. with a cross (x) on top for exact point for cor. No. 8 of this survey, mkd. 8 H E S 255 on NW face, and raise a mound of stone $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. dist., within the claim.
No suitable bearings available; pits impracticable.
Cor. No. 5 of this survey bears S. $77^{\circ} 50'$ W., 3.07 chains dist., hereinbefore described.

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STATE OF WYOMING

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| Chains | Thence |
| | N. $77^{\circ} 50'$ E. on bdy. of the claim. |
| | Depart from unlisted land; enter listed land. |
| | Descend gradually over stony south slope through sage. |
| 3.10 | Water pipeline bears SE and NW; Elizabeth Sayles, claimant. |
| 7.10 | Cross flat. |
| 13.85 | W. bank dry wash 75 lks. wide, 35 ft. deep, drains S. 40° W. |
| 15.65 | Top of vertical bank north side of Ishawooa Creek bottom. |
| | Descend 30 ft. |
| 18.93 | Top of same vertical bank; ascend gradually across sage flat. |
| 21.87 | Ascend rapidly. |
| 23.50 | Shallow dry wash drains S. 20° W. |
| 24.03 | Wire fence bears N. 2° E. and S. 2° W. |
| 24.07 | To cor. No. 1, the place of beginning. |

Area

| | |
|---|-------------|
| Area of H.E.S. No. 255 | 78.45 acres |
| Area of List No. 2-790 | 76.83 acres |
| Area of unlisted land included in this survey | 1.62 acres |

Improvements

From cor. No. 6 the following improvements are located:

| | |
|---|----------|
| The SE cor. of porch on log house bears N. $8^{\circ} 40'$ W., 200 lks. dist. size 18 x 32 ft. Approximate value | \$200.00 |
| The SW cor. of a log stable bears N. $50^{\circ} 00'$ E. 141 lks. dist. size 16 x 20 ft. Approximate value | 75.00 |
| There are about 3/4 mile of three wire fence in fair condition. Approximate value | 75.00 |
| Total approximate value of improvements | \$350.00 |

General Description

The soil on this tract varies from dense clay on the flat benches to fine sand on the creek bottom. The higher portions along the north boundary and adjoining steep slopes are stony. There are no known mineral deposits in the neighborhood and the tract appears to be non-mineral in character.

There is no merchantable timber on the tract. Water for domestic use is obtained from Ishawooa Creek.

No part of the tract is cultivated although it is possible to get water onto it from Ishawooa Creek for irrigation of small areas of flat land.

The tract is joined on the east by H.E.S. No. 98, patented, Elizabeth Sayles, claimant.

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Chains The nearest shipping point is Cody, Wyoming, a town of about one thousand people, situated at the terminus of a branch of the Burlington Route. There is a passable road leading from a point south of Ishawooa Creek to the County road between Valley, Wyoming, and Cody. Ishawooa Post Office is on this County road about ten miles NE of the claim.

August 17, 1937.

Highway Engineer

Being in camp and no officer available within a reasonable distance, I administer the oath of assistant.

August 17, 1937.

Highway Engineer.

Traverse Showing Errors of Closure

Section 29.

| Cor. | Course | Dist. | Latitudes | | Departures | |
|------|---------------|--------|---------------|-------|------------|-----------|
| | | | North | South | East | West |
| 4-5 | N. 77° 50' E. | 11.74 | 2.47 | - | 11.48 | - |
| 5-6 | S. 39° 16' E. | 7.13 | - | 5.52 | 4.51 | - |
| 6-7 | N. 51° 39' E. | 2.26 | 1.40 | - | 1.77 | - |
| 7-8 | N. 34° 36' W. | 5.81 | 4.78 | - | - | 3.30 |
| 8-1 | N. 77° 50' E. | 24.07 | 5.07 | - | 23.53 | - |
| 1-2 | N. 2° 17' E. | 21.44 | 21.42 | - | .85 | - |
| 2-3 | S. 87° 23' W. | 26.22 | - | 1.20 | - | 26.19 |
| 3-4 | S. 24° 04' W. | 31.18 | - | 28.47 | - | 12.72 |
| | | 129.85 | 35.14 | 35.19 | 42.14 | 42.21 |
| | | | | | 35.14 | 42.14 |
| | | | Error in lat. | .05 | | .07 Error |
| | | | | | | in dep. |

$$\text{Error of closure} = \frac{\sqrt{5^2 + 7^2}}{12985} = \frac{1}{1509}$$

DIRECTIONS.—1. Carry out calculations to two decimals only.

1. Carry out calculations to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures.

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 255, STATE OF WYOMING

$$\frac{5^2 + 7^2}{12985} = \frac{1}{1509} = \text{Error of closure}$$

Survey balanced according to probable location of error upon the ground

2. In balancing Latitudes and Departures do not obliterate or change the original figures.
 Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
 The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 255, STATE OF WYOMING

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APPROVAL

Public Survey Office
~~Office of the United States Surveyor General~~

Cheyenne, Wyoming, October 24, 1938

The foregoing field notes of Homestead Entry Survey No. 255

Situated in the Shoshone National Forest

Administrative District No. 2

in

Section 29, unsurveyed

Township 50 N., Range 105 W.

of the Sixth Principal Meridian, Wyoming

executed by Riley Cass, Highway Engineer

{Forest Service Title}

under his special instructions, dated February 19, 1934, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Joel Q. Naret
U. S. Surveyor General
Office Cadastral Engineer

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.

JOEL Q. NARET

1-2049

U. S. Surveyor General
Office Cadastral Engineer.