

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

711

FIELD NOTES

OF
HOMESTEAD SURVEY No. 711
SITUATED IN THE Idaho NATIONAL FOREST
ADMINISTRATIVE DISTRICT No. 4
Approximately Township 24 N., Range 10 E.,
In Sections 19-30 unsurveyed, Township 24 N., Range 11 E.

of the
Boise Base and Meridian.
State of Idaho.
State of Idaho.

COMPOSITE SURVEY

A tract of land classified as chiefly valuable for agriculture under the Act of August 10, 1912, and approved by the Secretary of Agriculture on May 20, 1918.

Applicant for listing Mike Hogan

Residence Dixie, Idaho.

Application No. 12, dated October 21, 1906,

List No. 741, dated November 27, 1907.

Applicant for survey August Hotzel.

Residence Warren, Idaho, dated - - - - - 19 - -

H. R. No. 017436, dated June 17, 1915

Land Office Hailey.

Survey executed by C.A. Martin, Surveyor.

Under special instructions dated Jan. 16, 1919

Survey commenced September 16, 1919

Survey completed September 26, 1919

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

66-54-14421
S. H. H. H.

HOMESTEAD ENTRY SURVEY NO. 711
IDAHO NATIONAL FOREST
STATE OF IDAHO

Chains

COMPOSITE SURVEY

A tract of land, classified as chiefly valuable for agriculture, under the Act of August 10, 1913, and approved by the Secretary of Agriculture on May 20, 1918; and application No. 12, dated October 21, 1906, Mike Hogan applicant. August Hotzel, entryman on application No. 12, H.E. No. 017438, dated June 17, 1915, Hailey Land Office, Idaho.

Special Instructions dated January 15, 1919, For H.E. Survey No. 711. Authority contained in the Act of June 11, 1906 and July 24, 1919.

Claim situated in approximate unsurveyed Section 25, Township 24 North, Range 10 East, and in approximate unsurveyed Sections 19 and 30, Township 24 North, Range 11 East, of the Boise Base and Meridian, Idaho, in the Idaho National Forest.

Survey commenced September 16, 1919, and executed with a Berger Light Mountain Transit, No. 13479, the horizontal limb having two double verniers, placed opposite to each other, and reading to single minutes of the arc. Measurements made with a Lalle 5-chain steel tape, directly on the slope, and corrected to the horizontal by means of clinometer angles. I examine the adjustments of the transit, finding all adjustments correct.

NEEDLE DETERMINATION

Observation 1.

September 15, 1919, At Cor. No. 4 of H.E.S. No. 344 (accepted), at 8 h. 14 m. P.M. l.m.t.

WITNESSES

To hereby certify that we assisted C.A. Martin, in surveying all these

SURVEYOR (Print Name Here)

parts of Homestead Entry Survey No. 711, in the State of Idaho, which are represented in the following field notes on 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 established, according to the instructions furnished by the United States Surveyor General for Idaho.

C. A. Martin (chairman)
W. H. Martin (Aren)

Subscribed and sworn to before me this 26th. day of

September 1919 *C. A. Martin*
Surveyor-General Service.

OATH OF SURVEYOR

I, C.A. Martin, Surveyor

(Print Name Here)

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Idaho, dated Jan. 15, 1919, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land classified as chiefly valuable for agriculture under the Act of August 10, 1913, and a tract of land embraced in list

No. 741, dated Nov. 27, 1907, for listing and patent under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 711 situated within the National Forest, in Approx. unsurveyed Section 25, Township 24 N., Range 10 E., and un-surveyed Section 19, 20, Township 24 N., Range 11 E.

of the Boise Base and Meridian, Idaho, 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.

SURVEYOR (Print Name Here)

Subscribed and sworn to before me this 26th. day of

November 1919 *W. H. Martin*
Notary Public.



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STATE OF IDAHO

3.

Chains

I observe Polaris in position and mark the line of sight by a stake, firmly set, centered with a tack, 500 chs. dist., from my station.

Latitude = $45^{\circ} 23' 08.9''$ N. } By account from H.E.S.
Longitude = $115^{\circ} 11'$ W. } No. 898 (unapproved).

U.C. Polaris, Sept. 17, 1919 - - - 1 h. 53.0 m., A.M.
Longitude correction - - - - - 01.3 m.
L.M.T., U.C. Polaris - - - - - 1 h. 51.7 m., A.M.
L.M.T., obsn. Sept. 18, 1919 - - - 6 h. 14 m., P.M.
Subtract from - - - - - 1 h.
Time to midnight - - - - - 5 h. 48 m.
Add - - - - - 1 h. 51.7 m.
Argument - - - - - 7 h. 37.7 m.
Azimuth of Polaris and bearing of reference stake =
N. $1^{\circ} 28' 45''$ E.

I project the corresponding meridian to Cor. No. 1 of this survey and determine a bearing of S. $80^{\circ} 38'$ E. for line Cor. 1 - Cor. 3, and to the corresponding meridian all courses of this survey are referred.

Observation 2.

September 23, 1919; At. Cor. No. 1 of this survey, at 7 h. 30 m., P.M., I.M.T., I foresight on Cor. No. 3, of this survey, and commence to observe the eastern progress of Polaris. When the star begins to recede, I read a maximum angle of $117^{\circ} 46'$ to the left.

Latitude = $45^{\circ} 23' 42''$ N. } By account from H.E.S.
Longitude = $115^{\circ} 10'$ W. } No. 898 (unapproved).

Correct time obtained by telephonic communication with telegraph operator at McCall, Idaho.

Azimuth to Polaris = N. $38^{\circ} 15'$ E.Bearing line Cor. 1 - Cor. 3 = S. $80^{\circ} 37' 45''$ E.

The bearing thus determined agrees within 1 in. of arc with the bearing of the same line, as.

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STATE OF IDAHO

3

Chains

determined by projection from the meridian established by me on September 16, 1919, at Cor. No. 4 of H.E.S. No. 344 (accepted), and described above. I, therefore, concluded that my meridian is correct.

Mean Magnetic Declination = $21^{\circ} 30'$ E.

Beginning at Cor. No. 1 of this survey, identical with Cor. No. 1 of H.E.S. No. 702 (unapproved) and identical with Cor. No. 3 of H.E.S. No. 689 (unapproved), which is a wash granite stone, firmly set, showing $12 \times 10 \times 10$ ins. above ground, mkd. 1-235-702 on the E. face, 3-235-689 on the NW. face and a cross (+) on the top, and witnessed by mounds of stone, and by four bearing trees. I take the cross (+) on this stone, for chaining and angle point for Cor. No. 1 of this Survey, and in addition mkd. 1-235-711 on the SE. face, and raise a mound of stone, 1 ft. base, 2 ft. high, 21 ft. dist., within the claim.

A lodge pole pine tree, 11 ins. in dia., bears S. $56^{\circ} 03'$ E., 67 lks. dist.

A lodge pole pine tree, 8 ins. in dia., bears S. $75^{\circ} 26'$ W., 13 lks. dist.

Both trees blazed and scribed +1-235-711-57. U.S. Locating Monument No. 344 (accepted), which is a granite rock, in place, mkd. and witnessed as described by the Surveyor General, bears N. $21^{\circ} 53'$ W., 27.29 chs. dist., by traverse, computations of which are hereto attached.

Thence

S. $60^{\circ} 38'$ E.

Over unlisted land, on a true line between Cor. No. 1

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Chains

0.52 S. 8 of H.E.S. No. 702 (unapproved).
Descend over grassy slope.

5.82 Trail bears NE. and SW., about 20 ft. below Cor. No. 1.
Over level land.

6.53 North bank of Chamberlain creek 1 ft. deep, flows NE.
South bank of Chamberlain creek

7.91 Enter dense willows, bear NE. and SW.
Leave willows, enter swampgrass, bears NE. and SW.

12.91 To Cor. No. 2, identical with Cor. No. 3 of H.E.S. No. 702 (unapproved), which is a granite stone, firmly set, showing 10 x 8 x 6 ins. above ground, mkd. S-E-S-702 on the NE. face, and a cross (+) on the top, and witnessed by pits and mound of earth and one bearing rock. I take the cross (+) on this stone for chaining and angle point for Cor. No. 2 of this survey, and in addition mkd. it S-E-S-711 on the SW. face. No bearings, therefore, dig pits, 24 x 24 x 12 ins., crosswise 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.

Cor. No. 2 of the listing survey was destroyed during the survey of H.E.S. No. 702 (unapproved), and cor. No. 6 of that survey set in its place.

Thence

S. 19° 30' E.

On a true line between Cors. No. 9 and 7 of H.E.S. No. 702 (unapproved).

Leave unlisted land, enter list No. 741

Ascend over swampgrass bottom land

7.70 To Cor. No. 3, about 20 ft. above Cor. No. 2, identical with Cor. No. 7 of H.E.S. No. 702 (unapproved),

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Chains

which is a traprock stone, firmly set, showing 18 x 12 x 10 ins. above ground, mkd. V-E-S-702 on the NE. face, and a cross (+) on the top, and witnessed by one bearing rock, and by pits and mound of earth. I take the cross (+) on this stone for chaining and angle point for Cor. No. 3 of this survey, and in addition mkd. it S-E-S-711 on the side facing the claim. 16 pits, 24 x 24 x 12 ins., crosswise 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 lodge pole pine tree, 12 ins. in dia., bears S. 77° 46' W., 129 lks. dist.

A lodge pole pine tree, 10 ins. in dia., bears S. 45° 26' W., 200 lks. dist.

Both trees blazed and sawed + S-E-S-711-27.

Cor. No. 3 of the listing survey, was destroyed during the survey of H.E.S. No. 702 (unapproved), and Cor. No. 7 of that survey set in its place.

Thence

S. 33° 20' W.

Over level swampgrass bottom land.

Leave grass land, enter lodge pole timber, bears E. and W.

Leaves lodge pole timber, enter cultivation, bears NW. and SE.

Leave cultivation, enter grass land, bears E. and W.

17.00 To Cor. No. 4, identical with Cor. No. 4 of the listing survey, which is a pine post, firmly set, mkd. E-4, in place of which, I set a granite stone, 24 x 14 x 6 ins., 14 ins. in the ground, over a granite stone, 6 x 4 x 3 ins., mkd. with a

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Chains

cross (+) for Cor. No. 4 of this survey;
4-HES-711 on the side facing the claim, and a
cross (-) on the top, and raise a mound of
earth, 4 ft. base, 2 ft. high, 3 1/2 ft. dist.,
within the claim.

A lodge pole pine tree, 6 ins. in dia., bears N. 21°
12' E., 31 lks. dist.

A lodge pole pine tree, 8 ins. in dia., bears S. 81°
35' W., 60 lks. dist.

Both trees blazed and scribbled +4-HES-711-82.

Cor. No. 3 of the listing survey, which is a pine post,
firmly set, mkd. H-3 on the W. face, bears S.
49° 00' W., 14.13 chs. dist.

I destroy this Cor.

Thence
S. 34° 34' W.

Leave list No. 741, enter unlisted land.

Ascend through underbrush.

Ridge bears N. and S., about 30 ft. above Cor. No. 4
Descend.

Leave underbrush, enter grassy meadow, bears NW. and
SE.

To Cor. No. 5, about 40 ft. below ridge, identical
with Cor. No. 6 of the listing survey, which is
a pine post, firmly set, mkd. E-6 on the NW.
face, in place of which I set a granite stone,
28 x 10 x 10 ins.; 18 ins. in the ground, over
a granite stone, 8 x 4 x 2 ins., mkd. with a
cross (+) for Cor. No. 5 of this survey; mkd.
5-HES-711 on the side facing the claim, and a
cross (-) on the top. No bearings, therefore,
dig pits, 24 x 24 x 12 ins., crosswise on this
and the succeeding courses, 7 ft. dist., and

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Chains

raise a mound of earth, 4 ft. base, 2 ft. high,
3 1/2 ft. dist., within the claim.

September 21, 1919.

Thence
S. 42° 33' W.

Continue over unlisted land.

Over level grassy land.

Ascend.

Leave grass land, enter lodge pole timber, bears N.
and S.

Ridge bears NW. and SE., about 30 ft. above point of
ascend.

Descend, through brush and lodge pole pine timber.

To Cor. No. 5, about 80 ft. below ridge, for which I
set a granite stone, 24 x 12 x 6 ins., 14 ins.
in the ground, over a granite stone, 4 x 4 x 4
ins., mkd. with a cross (+) for Cor. No. 5 of
this survey; mkd. 5-HES-711 on the side facing
the claim, and a cross (-) on the top, and raise
a mound of earth, 4 ft. base, 2 ft. high, 3 1/2 ft.
dist., within the claim.

A lodge pole pine tree, 10 ins. in dia., bears N. 35°
13' W., 14 lks. dist.

A lodge pole pine tree, 6 ins. in dia., bears N. 21°
00' E., 3 lks. dist.

Both trees blazed and scribbled, +5-HES-711-82.

Thence
West.

Descend through brush and lodge pole timbers.

Trail to Moose Meadows, bears NE. and SW.

Leave brush, enter grassy bottom land, bears NE. and
SW., about 25 ft. below Cor. No. 6 Over level
land,

HOMESTEAD ENTRY SURVEY NO. 711

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Chains	
1.25	Creek, 1 ft. wide, 3 ins. deep, flows E.
4.55	Leave meadow land, enter lodge pole pine timber and brush, bears NE. and SW.
20.85	To Cor. No. 7, identical with Cor. No. 7 of the listing survey, which is a granite stone, firmly set, mkd. E-7 on the NE. face, in place of which I set a wash granite stone, 30 x 6 x 6 ins., 20 ins. in the ground, over a granite stone, 8 x 4 x 4 ins., mkd. with a cross (+) for Cor. No. 7 of this survey; mkd. 7-HES-711 on the side facing the claim, and a cross (+) on the top, and raise a mound of stone, 4 ft. base, 2 ft. high, 3 ft. dist., within the claim. A lodge pole pine tree, 10 ins. in dia., bears N. 97° 53' E., 56 lbs. dist. A lodge pole pine tree, 6 ins. in dia., bears N. 82° 18' E., 40 lbs. dist. Both trees blazed and scribed, +7-HES-711-57. This Cor. will be identical with a Cor. No. 3 of H.E.S. No. 692 (unapproved), when surveyed. Thence N. 22° 36' W.
4.64	Along what will be line 3-2 of H.E.S. No. 692 (unapproved), when surveyed. Over level land, through brush and lodge pole pine. Leave timber and brush, enter meadow, bears NE. and SW.
12.14	South bank of Chamberlain creek, 1 ft. deep, flows NE.
12.58	North bank of Chamberlain creek.
17.84	South edge of pond.
18.04	North edge of pond. Ascend, leave meadow enter pine timber, bears E. and W.

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Chains	
19.84	To Cor. No. 8, about 15 ft. above point of ascent, identical with Cor. No. 6 of H.E.S. No. 689 (unapproved), which is a wash granite stone firmly set, showing 10 x 8 x 8 ins. above ground, mkd. 6-HES-689 on the NE. face, and a cross (+) on the top, and witnessed by pit and mound of earth and stone. I take the cross (+) on this stone for chaining and angle point for Cor. No. 8 of this survey, and in addition mk. it 8-HES-711 on the SE. face, and raise a mound of stone, 4 ft. base, 2 ft. high, 3 ft. dist., within the claim. A lodge pole pine tree, 12 ins. in dia., bears S. 25° 53' E., 167 lbs. dist. A lodge pole pine tree, 8 ins. in dia., bears N. 91° 07' E., 199 lbs. dist. Both trees blazed and scribed, +8-HES-711-57. This Cor. will be identical with Cor. No. 2 of H.E.S. No. 692 (unapproved), when surveyed. Cor. No. 8 of the listing survey was destroyed during the survey of H.E.S. No. 689 (unapproved), and Cor. No. 6 of that survey set in its place. Thence N. 71° 52' E.
2.72	On a true line between Cors. Nos. 6 and 5, of H.E.S. No. 689 (unapproved). Descend through lodge pole pine timber. About 10 ft. below Cor. No. 8. Over level land. Leave timber, enter grassy bottom land, bears E. and W.
10.44	Leave bottom land, ascend. Leave grassland, enter timber, bears E. and W.
11.54	Edge of bunch, about 35 ft. above bottom land.

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30'

Chains	
64.54	Over level land
	To Cor. No. 9, identical with Cor. No. 5 of H.E.S. No. 689 (unapproved), which is a prophary stone, firmly set, showing 12 x 10 x 6 ins. above ground, mtd. 5-HES-689 on the NW. face and a cross (+) on the top, and witnessed by a mound of stone, and two bearing trees. I take the cross (+) on this stone for chaining and angle point, for Cor. No. 9 of this survey, and in addition mk. it 9-HES-711 on the side facing the claim, and raise a mound of stone 4 ft. base, 2 ft. high, 3 1/2 ft. dist., within the claim.
	A lodge pole pine tree, 8 ins. in dia., bears S. 87° 19' E., 103* lks. dist.
	A lodge pole pine tree, 10 ins. in dia., bears S. 16° 21' W., 134 lks. dist.
	Both trees blazed and scribed + 9-HES-711-BT.
	Cor. No. 1 of the listing survey was destroyed during the survey of H.E.S. No. 689 (unapproved), and Cor. No. 5 of that survey set in its place.
	September 25, 1919.
	Thence
	N. 50° 17' E.
	Along line 5-4 of H.E.S. No. 689 (unapproved).
	Descend through scattering lodge pole pine timber
5.59	Pole fence, bears N. and S., about 40 ft. below Cor. No. 9
	Over level land.
6.20	The SE. Cor. of an old cabin, 14 x 12 ft., course of long side N. and S., bears N., 1.50 chs. dist.
6.57	The NW. Cor. of Hotel's hay barn, 34 x 30 ft.,

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Chains	
6.94	course of long side N. and S., bears S. 30° 45' E., 35 lks. dist.
10.04	Cabin creek, 3 lks. wide, 6 ins. deep, flows SE. NW. Cor. of Hotel's blacksmith shop, 14 x 12 ft., course of long sides N. and S., bears S. 30° 45' E., 20 lks. dist.
10.10	Rail fence bears E. and W.
10.26	Chamberlain Basin trail, bears E. and W. Ascend.
11.62	Edge of bench, about 20 ft. above point of ascent. Over level land.
13.20	The NE. Cor. of Hotel's house, bears S. 18° 30' W., 1.85 chs. dist.
	The NW. Cor. of Hotel's stable, bears S. 64° 35' E., 2.80 chs. dist.
24.61	Edge of bench. Descend
26.27	Chamberlain trail bears N. and S.
28.77	To Cor. No. 10, about 40 ft. below edge of bench, identical with Cor. No. 4 of H.E.S. No. 689 (unapproved), which is a granite stone, firmly set, showing 12 x 10 x 10 ins. above ground, mtd. 4-HES-689 on the NW. face, and a cross (+) on the top, and witnessed by a mound of earth, and by two bearing trees. I take the cross (+) on this stone for chaining and angle point for Cor. No. 10 of this survey, and in addition mk. it 10-HES-711 on the side facing the claim, and raise a mound of earth, 4 ft. base, 2 ft. high, 3 1/2 ft. dist., within the claim.
	A lodge pole pine tree, 10 ins. in dia., bears S. 49° 37' W., 70 lks. dist.
	A lodge pole pine tree, 6 ins. in dia., bears S. 4° 18' E., 73 lks. dist.
	Both trees blazed and scribed + 10-HES-711-BT.

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12

Chains

Thence

N. 20° 00' E.

Leave list No. 741, enter unlisted land.

Along line 4-3 of H.E.S. No. 689 (unapproved).

Over level land through immature pine timber.

Ascend.

Trail bears NE. and SW.

21.27 To Cor. No. 1, the place of beginning, about 55 ft. above
24.17 point of ascent.

September 26, 1919.

AREA

Area of listed land - - - - - 125.46 acres

Area to be listed - - - - - 33.95

Total area of H.E.S. No. 711 - - - - - 157.41

IMPROVEMENTS

The improvements on this claim, the property of the claimant herein, consist of the following:

A log house two stories high, 18 x 24 ft., course of long sides, NW. and SE., location heretofore given. Value - - - - - \$300.00

A log stable, 50 x 35 ft., course of long side, NW. and SE., location heretofore given. Value - - - - - \$250.00

A hay barn 34 x 30 ft., course of long sides, NW. and SE., location heretofore given. Value - - - - - \$175.00

A log blacksmith shop, 14 x 12 ft., course of long side NW. and SE., location heretofore given. Value - - - - - \$ 60.00

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About one half mile of pole fence.

Value - - - - - \$80.00

A log bridge across Chamberlain

creek, 46 ft. long. Value - - - - - \$250.00

Total value of improvements - - - - - \$330.00

DESCRIPTION

This claim lies on bottom land, along Chamberlain creek. The soil is a black sandy loam. About 10 acres of the land, included within this

claim, are under cultivation, and will pay is cut from about 20 acres more. No mineral, or indications of mineral, found on this claim.

There is a stand of large pole timber around the edges of the claim, constituting possibly a fourth of the area. This timber is of no

commercial value, except for fuel and farm building purposes. Warren, Idaho, the nearest postoffice, lies about 45 miles, by trail, to the SW. McCall, Idaho, the nearest railroad point, lies about 90 miles by trail and road, to the SW. H.E.S. No. 702 (unapproved), adjoins this claim on the NE. H.E.S. No. 689 (unapproved) adjoins this claim on the NW. H.E.S. No. 682 (unapproved), when surveyed will adjoin this claim on the W.

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Chains

It being impracticable to take my assistants before
an officer qualified to administer oaths, without
great inconvenience, delay and expense, I admin-
ister, myself, the required affidavit of the
assistants.

C. F. Martin

Surveyor - Forest Service.

TABLEING AND CALCULATIONS OF HOMESTEAD ENGINE SURVEY NO. _____									
CORNERS	BEARING	DISTANCE	LATITUDES		DEPARTURES		DOUBLE W. D.	N. AREAS	S. AREAS
			NORTH	SOUTH	EAST	WEST			
1-2	S. 60° 38' E.	12.91		6.23	11.25		118.95		752.95
2-3	S. 19° 30' E.	1.70		7.86	2.57		132.77		963.91
3-4	S. 33° 20' W.	16.90		16.79	14.20		124.95		1972.96
4-5	S. 34° 34' W.	30.32		32.94	97.37		68.54	869.09	2422.20
5-6	S. 42° 32' W.	17.21		12.68	11.64		36.06		36
6-7	West	20.85			30.85				
7-8	N. 22° 36' W.	19.84		18.32	7.62		129.42		
8-9	N. 71° 52' E.	24.64		22.71	12.14		23.43		179.47
9-10	N. 60° 17' E.	28.27		26.18	8.27		69.00		1267.53
10-1	N. 20° 00' E.	28.31		26.18	8.27		2256.83		3842.25
Errors:			06	67.02	67.64	06	20	3148.32	167.11
Error of Closure =			1		2329				

1. In making corrections and deletions, do not obliterate or change the original figures.
2. In making corrections and deletions, do not obliterate or change the original figures.
Put the corrected figures and figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
3. The corrections for balancing figures should be proportional to the figures of the item.
4. In calculations of N. and B. year drop by the Standard Yield Tables used by the G. I. O.
5. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.
6. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

8.

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

7. In calculation of figures like $\frac{1}{2}$ percent, $\frac{1}{4}$ percent, etc., in addition to $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{3}{4}$, areas drop all after second decimal. Surveyors are required to use the Standard Field Tables by the U. S. L. O.

8. The correction for balancing (adding the proportional to the length of the line).

9. The corrected figure of figures above in red ink. Do not change the leading figure (the original figure).

10. In making adjustments to two different figures.

11. Carry out calculations to two different figures.

TABLET AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 711 STATE OF IDAHO

[illegible]

1. Carry out calculations to two decimals only.
2. In balancing latitudes and departures do not attempt to change the original figures.
3. The closing error in lat. and long. shall be the closing of the original figure, but put below them the corrected footing in lat and long.
4. The corrections for bearing should be proportional to the length of the line.
5. In calculations of N, and S, wear drop all after second decimal.
6. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.
7. In calculations of bearings there must be no roundings.
8. Calculations of bearings shall result to nearest link.
9. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLES AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 711, STATE OF Idaho

CORNERS.	BEARING.	DISTANCE.	LATITUDES.	DEPARTURES.	DOUBTLE M. D.	N. AREA.	S. AREA.
			North.	East.	West.		

Bearing of line = N. 21° 56' E., 27.39 chs.

20	95			
35	1	45		
15	60	11	09	
8	27	2	28	
25	42	3	28	
		12	49	
		3	28	
		10	21	

APPROVAL

Office of the United States Surveyor General,

Boise, Idaho, February 17, 1911.

The foregoing field notes of Homestead Entry Survey No. 711,

Situated in the Idaho National Forest,

Administrative District No. 4, approximately

In Sec. 25, unsurveyed, T. 24 N., R. 10 E., and

Secs. 19-30, unsurveyed, T. 24 N., R. 11 E.,

Boise Base and Meridian,

State of Idaho,

executed by

G. A. Martin, Surveyor,

(Post Office Use)

under his special instructions, dated January 15, 1910, having

been critically examined, and the necessary corrections and explanation

made, the said field notes, and the surveys they describe, are hereby

approved.

Edward Hedden

U. S. Surveyor General.

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

U. S. Surveyor General.

HOMESTEAD ENTRY SURVEY NO. 692

Idaho NATIONAL FOREST

STATE OF Idaho

Idaho NATIONAL FOREST

STATE OF Idaho.

HOMESTEAD ENTRY SURVEY NO. 692

215

Chains	
5.67	Descend, through scattering lodge pole pine timber.
12.26	About 45 ft. below Cor. No. 7. Over level land.
	To Cor. No. 2. Identical with Cor. No. 6. of H.E.S. No. 689 (unapproved), and identical with Cor. No. 8 of H.E.S. No. 711 (unapproved), which is a wash granite stone, firmly set, showing 10 x 8 x 8 ins. above ground, mkd. 6-HES-689 on the NE. face, 8-HES-711 on the SE. face and a cross (+) on the top, and witnessed by pits, bearing trees, and mound of earth and stone.
	I take the cross (+) on this stone for chaining and angle point, for Cor. No. 2 of this survey, and in addition mkd. 2-HES-692 on the side facing the claim. No bearings, therefore, dig pits, 24 x 24 x 12 ins., crosswise 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.
	Thence S. 22° 36' E.
	On a true line between Cors. Nos. 8 and 7 of H.E.S. No. 711 (unapproved).
1.80	Through lodge pole pine timber, descend.
2.00	North edge of small pond. Leave lodge pole pine, bears E. and W. about 15 ft. below Cor. No. 2.
	South edge of small pond.
	Enter grassy bottom land, bears E. and W.
7.45	Over level land.
7.70	North bank Chamberlain creek, 1 ft. deep, course E.
15.00	South bank of Chamberlain creek.
19.84	Leave grass land, enter lodge pole pine timber, bears E. and W.
	To Cor. No. 3. Identical with Cor. No. 7 of H.E.S. No. 711 (unapproved), which is a granite stone.

Chains	
	firmly set, showing 10 x 8 x 8 ins., above ground, and witnessed by pits bearing trees, and by a mound of stone. I take the cross (+) on this stone, for chaining and angle point for Cor. No. 3, of this survey, and in addition mkd. 3-HES-692 on the side facing the claim, and raise a mound of earth, 4 ft. base, 2 ft. high, 3 1/2 ft. dist., within the claim.
	A lodge pole pine tree, 13 ins. in dia., bears N. 31° 10' W., 86 lks. dist.
	A lodge pole pine tree, 5 ins. in dia., bears N. 17° 22' W., 100 lks. dist.
	Both trees blazed and scribbled, 3-HES-692-22.
	September 27, 1910.
	Thence West.
13.10	Over rolling broken north slope, through dense underbrush, and lodge pole pine timber.
13.20	Forest Service telephone line, bears N. and S.
	Trail from Chamberlain Basin to Ramsey Ridge, bears N. and S.
	Ascend.
51.00	To Cor. No. 4, about 30 ft. above point of ascent, for which I set a granite stone, 30 x 10 x 8 ins., 20 ins. in the ground, over a granite stone, 8 x 8 x 4 ins., mkd. with a cross (+), for Cor. No. 4 of this survey; mkd. 4-HES-692 on the side facing the claim, and a cross (+) on the top, and raise a mound of stone, 4 ft. base, 2 ft. high, 3 1/2 ft. dist., within the claim.
	A granite outcrop, showing 20 x 15 x 8 ft. above ground, bears S. 29° 40' E., 105 lks. dist.
	A granite outcrop, showing 12 x 3 x 3 ft. above

The United States of America,

To all to whom these presents shall come, Greeting:

WHEREAS, a Certificate of the Register of the Land Office at Hailey, Idaho,

has been deposited in the General Land Office, whereby it appears that, pursuant to the Act of Congress of May 20, 1862,

"To Secure Homesteads to Actual Settlers on the Public Domain," and the acts supplemental thereto, the claim of

William A. Stonebraker

has been established and duly consummated, in conformity to law, for the H. E. Survey No. 344, embracing a portion of, approximately, Sections thirteen and twenty-four in Township twenty-four north of Range ten east and of, approximately, Section nineteen in Township twenty-four north of Range eleven east of the Boise Meridian, Idaho, more particularly bounded and described as follows: Beginning at corner No. 1, from which the U. S. Location Monument No. 344, bears south twenty-eight degrees forty-eight minutes east two and eighty-nine-hundredths chains distant; thence, south seventy-seven degrees fifteen minutes west thirty and seventy-hundredths chains to corner No. 2; thence, north twenty-nine degrees forty-five minutes west twenty-four and six-hundredths chains to corner No. 3; thence, north eighty-six degrees thirty-one minutes west thirteen and eighty-six-hundredths chains to corner No. 4; thence, north fifty-degrees fifty-one minutes west seventeen chains to corner No. 5; thence, north forty-eight degrees forty-nine minutes east thirty-four and eighty-hundredths chains to corner No. 6; thence, south forty-one degrees twenty minutes east sixty-four and seventy-two-hundredths chains to corner No. 1, the place of beginning, containing one hundred fifty-nine and ninety-four-hundredths acres.

according to the Official Plat of the Survey of the said Land, returned to the GENERAL LAND OFFICE by the Surveyor-General:

NOW KNOW YE, That there is, therefore, granted by the UNITED STATES unto the said claimant the tract of Land above described; TO HAVE AND TO HOLD the said tract of Land, with the appurtenances thereof, unto the said claimant and to the heirs and assigns of the said claimant forever; subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights, as may be recognized and acknowledged by the local customs, laws, and decisions of courts; and there is reserved from the lands hereby granted a right of way thereon for ditches or canals constructed by the authority of the United States.

IN TESTIMONY WHEREOF, I, Woodrow Wilson,

President of the United States of America, have caused these letters to be made

Patent, and the seal of the General Land Office to be hereunto affixed.

GIVEN under my hand, in the District of Columbia, the FIRST

day of MARCH

In the year of our Lord one thousand

nine hundred and TWENTY

and of the Independence of the

United States the one hundred and FORTY-FOURTH.

By the President

By

Woodrow Wilson
W. P. LeRoy Secretary.
L. P. C. Samson
 Recorder of the General Land Office.

RECORD OF PATENTS: Patent Number.

737575

4-1003

1664403

(SEAL)

The United States of America,

To all to whom these presents shall come, Greeting:

WHEREAS, a Certificate of the Register of the Land Office at **Blackfoot, Idaho,**

has been deposited in the General Land Office, whereby it appears that, pursuant to the Act of Congress of May 20, 1862,

"To Secure Homesteads to Actual Settlers on the Public Domain," and the acts supplemental thereto, the claim of

Phillip G. Beal

has been established and duly consummated, in conformity to law, for the **H. E. Survey No. 699, embracing a portion of, approximately, Sections nineteen and twenty in Township twenty-four north of Range eleven east of the Boise Meridian, Idaho, more particularly bounded and described as follows: Beginning at corner No. 1, from which U. S. Location Monument No. 344, bears south twenty-eight degrees forty-eight minutes east two and eighty-nine hundredths chains distant; thence, north eighty-seven degrees fourteen minutes east fifty-seven and forty-nine hundredths chains to corner No. 2; thence, south thirty-seven degrees forty-four minutes east nineteen and nine hundredths chains to corner No. 3; thence, north eighty-eight degrees forty-eight minutes west forty-two and ninety-four hundredths chains to corner No. 4; thence, north eighty-eight degrees forty-two minutes west thirty and seventy-five hundredths chains to corner No. 5; thence, north thirty-six degrees nine minutes west ten and twenty-eight hundredths chains to corner No. 6; thence, north seventy-seven degrees fifteen minutes east eleven chains to corner No. 1, the place of beginning, containing ninety acres and seventeen hundredths of an acre,**

according to the Official Plat of the Survey of the said Land, on file in the GENERAL LAND OFFICE:

NOW KNOW YE, That there is, therefore, granted by the UNITED STATES unto the said claimant the tract of Land above described; TO HAVE AND TO HOLD the said tract of Land, with the appurtenances thereof, unto the said claimant and to the heirs and assigns of the said claimant forever; subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights, as may be recognized and acknowledged by the local customs, laws, and decisions of courts; and there is reserved from the lands hereby granted a right of way thereon for ditches or canals constructed by the authority of the United States.

IN TESTIMONY WHEREOF, I, **Herbert Hoover,**

President of the United States of America, have caused these letters to be made Patent, and the seal of the General Land Office to be hereunto affixed.

GIVEN under my hand, at the City of Washington, the **TWENTY-SEVENTH**

(SEAL)

day of **JUNE** In the year of our Lord one thousand

nine hundred and **TWENTY-NINE** and of the Independence of the

United States the one hundred and **FIFTY-THIRD**

By the President:

By

Herbert Hoover
Diola B. Pugh, Secretary.
M. P. LeRoy
Recorder of the General Land Office.

Hailey 017436

The United States of America,

To all to whom these presents shall come, Greeting:

WHEREAS, a Certificate of the Register of the Land Office at Hailey, Idaho, has been deposited in the General Land Office, whereby it appears that, pursuant to the Act of Congress of May 20, 1862, "To Secure Homesteads to Actual Settlers on the Public Domain," and the acts supplemental thereto, the claim of August Hotzel, has been established and duly consummated, in conformity to law, for the H. E. Survey No. 711, embracing a portion of, approximately, Section twenty-five in Township twenty-four north of Range ten east, and of, approximately, Sections nineteen and thirty in Township twenty-four north of Range eleven east of the Boise Meridian, Idaho, more particularly bounded and described as follows:

Beginning at corner No. 1, from which U. S. Location Monument No. 344, bears north twenty-one degrees fifty-three minutes west twenty-seven and thirty-nine hundredths chains distant; thence, south sixty degrees thirty-eight minutes east twelve and ninety-one hundredths chains to corner No. 2; thence, south nineteen degrees thirty minutes east seven and seventy hundredths chains to corner No. 3; thence, south thirty-three degrees twenty minutes west eighteen and ninety hundredths chains to corner No. 4; thence, south thirty-four degrees thirty-four minutes west thirty and thirty-two hundredths chains to corner No. 5; thence, south forty-two degrees thirty-three minutes west seventeen and twenty-one hundredths chains to corner No. 6; thence, west twenty and eighty-five hundredths chains to corner No. 7; thence, north twenty-two degrees thirty-six minutes west nineteen and eighty-four hundredths chains to corner No. 8; thence, north seventy-one degrees fifty-two minutes east twenty-four and sixty-four hundredths chains to corner No. 9; thence, north fifty degrees seventeen minutes east twenty-eight and seventy-seven hundredths chains to corner No. 10; thence, north twenty degrees east twenty-four and seventeen hundredths chains to corner No. 1, the place

RECORD OF PATENTS: Patent Number 897368

4-1122

Hailey 017436

4-1044-R.

of beginning, containing one hundred fifty-seven acres and forty-two hundredths of an acre, according to the Official Plat of the Survey of the said Land, returned to the GENERAL LAND OFFICE by the Surveyor-General:

NOT KNOW YE, That there is, therefore, granted by the UNITED STATES unto the said claimant the tract of Land above described; TO HAVE AND TO HOLD the said tract of Land, with the appurtenances thereof, unto the said claimant and to the heirs and assigns of the said claimant forever; subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights, as may be recognized and acknowledged by the local customs, laws, and decisions of courts; and there is reserved from the lands hereby granted a right of way thereon for ditches or canals constructed by the authority of the United States.

IN TESTIMONY WHEREOF, I, **Warren G. Harding,**

President of the United States of America, have caused these letters to be made Patent, and the Seal of the General Land Office to be hereunto affixed.

GIVEN under my hand, in the District of Columbia, the **TWENTY-SIXTH**

(SEAL)

day of **FEBRUARY** In the year of our Lord one thousand
nine hundred and **TWENTY-THREE** and of the Independence of the
United States the one hundred and **FORTY-SEVENTH.**

By the President

By

Warren G. Harding
Viola B. Pugh
W. P. Le Roy

Secretary.

Recorder of the General Land Office.

RECORD OF PATENTS; Patent Number **897368**

6-1182

550

Addy 7/18
 KIND: 17/18
 Act of April 23, 1904.
 Act of June 11, 1906

Act of August 29, 1904.
Act of June 11, 1906

Charles L. Ladd

1254

Subjects

DATE _____

NOTATIONS.

[illegible]

A tract of 159.94 acres within the Idaho National Forest, embraced in Homestead Entry Survey No. 344, Lists 4-2; A-1703 and 4-2055, Sections 13 and 24, unsurveyed Township 24 North, Range 10 East, and Section 19, unsurveyed Township 24 North, Range 11 East, Boise Meridian, more particularly described by notes and bounds as follows: Beginning at corner No. 1 from whence United States Location Monument No. 344 bears south 28° 48' east 2.89 chains distant; thence south 77° 15' west 30.70 chains to corner No. 2; thence north 29° 45' west 24.06 chains to corner No. 3; thence north 86° 31' west 13.86 chains to corner No. 4; thence north 50° 51' west 17.00 chains to corner No. 5; thence north 48° 49' east 34.80 chains to corner No. 6; thence south 41° 20' east 64.72 chains to corner No. 1 the place of beginning.

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TO GLO. MAY 1917, RETURN

MAR 19 1978 Addl to make J.F. Young the Love O. B.
J.F. Young O. B. The O. B. Young O. B. Young O. B.

Received Jan 25 1871 of the Comptroller General of the Treasury

APR 17 1918
 1. Cygon. fed to several rats to
 see how bands described in
 List 4-1902, etc. have been
 applied for. Allowed
 to remain in the cage. No. 10 APR 1918. Returns

1918 Returns

SERIAL

741-13436

A tract of 1578522 acres within the Idaho National Forest is approximately surveyed, Sec. 3, T. 24 N., R. 10 E., and unsurveyed beginning at S. 30. 24 N., R. 10 E., B.M., embedded in list #741, H.B.S., 4711, more particularly described by notes and bounds as follows:

Beginning at corner No. 1, from whence U.S.L.M. No. 544 (unsurveyed) bears N. 21° 53' W. 27.39 chains thence S. 60° 38' 12.91 chains to corner No. 2; thence S. 19° 30' E. to corner #3; thence S. 35° 20' W. 18.90 chains to corner No. 4; thence S. 34° 34' W. 30.32 chains to corner No. 5; thence S. 42° 35' W. 17.21 chains to corner No. 6; thence West 20.85 chains to corner No. 7; thence N. 22° 36' W. 19.84 chains to corner No. 8; thence N. 71° 52' E. 24.64 chains to corner No. 9; thence N. 50° 17' E. 28.77 chains to corner No. 10; thence N. 20° 00' E. 24.17 chains to corner No. 1, the place of beginning.

1906 List No. 741

NOTATIONS:

we were 25 T. 24 N. Sec. 3 and 30, 33, 34 described as above landowner

DATE 25 24 20 10 3 17 5

NOTATIONS:

APR 1 8 1915 1578522 - 244 per section

for more definite description

JUN 1 8 1915 Correct description is recorded

Quincy returned, Out of June 11 1915

To GLO MINE Returns

JUL 1 2 1915

Plat map No. 711 filed

These are

SEP 13 1921

to Sept 14 1921 and the original publication National Forest

location sent to Challis

Measuring Challis, etc.

Sept 14 1921 also and the original publication of a tract of 1578522

measured to make the spot to corner No. 10. The original description is correct and the original description is correct.

to Sept 31 1921, directly published in the National Forest. The original description is correct and the original description is correct.

Challis measuring. The original description is correct and the original description is correct.

to Sept 31 1921, directly published in the National Forest. The original description is correct and the original description is correct.

017430
SERIAL No. 74410

NAME: August Michel
ADDRESS: Chelms

KIND: SA Act of June 11, 1906, List No. 7441

DESCRIPTION OF LAND.

SECTION, TOWNSHIP, RANGE, AREA.

DATE.

NOTATIONS.

July 24 in morning

25 2470 108 175

APR 10 1915

15785.22 - 2049 for section
for more definite description

JUNE 18 1915

Correct description around
Quarry entrance, East of Summit 1906
To 610 ME Returns

JULY 12 1921

Plat. covered No. 711 filed
Note about

OCT 13 1921

Sept 14, 1922 and through
publication of National and
location sent to Charles
Mason and Charles, etc.
Sept 14, 1922 also as through
publication of a tract of 57.41

DATE.

NOTATIONS.

see with me on sec. 25 T 211

Aug 10, and sec 19 and 20,
and 21. R. & C. B. M. decided
by 41.50 m. they had gone
around to enable to get
to record the sec. 25 in
accordance herewith. To the
of instructions to Michel.

Oct 3, 1921, directly

with 1/2 m. of section
on 1/2 m. to the 1/2 m. to
Charles Mason.

"0" of June 1922, sec 25 -
sent to me made in

accordance with 29.75 6.49

Correct to 29.75

Oct 10, 1922 and through publication
of Charles April 25, 1922 for me -
to have have been at notice for
publication of the sec. 25 and 26

SERIAL No. 017436

NOTATIONS.

[illegible]

2

4/10/81

DATA

NOTATIONS.

Only use these tags: `<math>`, `<img alt="A large, stylized, abstract graphic element, possibly a logo or decorative background element, consisting of a large, dark, irregular shape with a lighter, textured interior." data-bbox="880 100 950 450"/>`

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LIST #4-3153

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NOTATIONS.

Sept 10 on App heard on fully RECEIVED 10-22-23 100
" " Over-looked - no appi was not
acknowledged before Officer in
land District in which land is
situated.

Dep. 1422 1691, all ~~com~~ SEP RETURNS

SEP RETURNS

[illegible]

WILDERNESS OF THE HEART

An early history of the land and the
people of the Frank Church - River
of No Return Wilderness

By

SHELLA D. REDDY

Shella D. Reddy



Heritage Program
Payette National Forest
U.S. Department of Agriculture
Intermountain Region
January 1995

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1995

WILDERNESS OF THE HEART

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WILDERNESS OF THE HEART

An Early History of the Land and the People of the Frank Church-River of No Return Wilderness

By
Sheila D. Reddy

THE HEART LAND

This is a story of Idaho's heartland, the Frank Church-River of No Return Wilderness, the mountain country around it, and the people who chose to live there. Some perished trying to conquer it, and some tried to fit themselves to it, blending within the heartbeat of the wilderness. It is a story of the memories of the land, the people, and the hearts of both.

"The wilderness masters the colonist," wrote Fredrick Turner, "It strips off the garments of civilization...at the frontier the environment is at first too strong for the man. He must accept the conditions which it furnishes, or perish, and so he fits himself into the Indian clearings and follows the Indian trails" (1921:4).

Wallace Stegner wrote, "Being an intangible and spiritual resource...something will have gone out of us as a people if we let the remaining wilderness be destroyed...We need wilderness preserved...it was the challenge against which our character as a people was formed" (Stegner 1980:328-239).

LAND OF THE HEART, THE IDAHO BATHOLITH

About sixty-five million years ago, molten rock pushed up from the center of the earth creating Idaho's Batholith. The hot, pulsing intrusion rose, folding into its edges remnants of an ancient sea-bed and existing country rock.

As the batholith cooled, cracks and fissures developed, allowing hot water to be forced upward by convection into rock faults and openings. Suspended in the liquid, heavy minerals coated sidewalls, dropping out as the water cooled. The process left behind valuable deposits of mineral-rich ore.

50 million years ago, eruptions created the Challis Volcanics. Vents, like those visible at Lookout Mountain, continued to erupt until 40 million years ago (Fuller 1987:22-23). What remains of that period of explosive activity can still be found along Monumental Creek, at Thunder Mountain.

Uplifting, faulting, erosion, glacial activity, and down-cutting created proximal rivers, canyons, and mountains with extreme variations in elevation. An example is Mackay Bar on the Salmon River at 2172 feet above sea level, and Sheepeater Mountain, approximately eight miles to the east rising to 8486 feet above sea level.

These varying differences in elevation and geology created irregular, microclimatic zones of temperature and vegetation. Riverine terraces, like Mackay Bar, are generally moderate in temperature. Early settlers coming into the area found they could grow fruits and vegetables on these protected benches.

In contrast, high mountain meadows commonly have frost every

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ables are raised which is considerable less than what the land will produce, but a great deal of the stuff planted is eaten by the game in this country, chiefly deer. Deer are also very troublesome in that they eat quite a lot of cultivated grasses...

About 40 acres of the area is now under ditch...

GRAZING: The claimant at present owns 11 head of horses and mules, including colts...The claimant also owns 12 domestic fowls.

Stonebraker received patent on March 1, 1920, signed by President Woodrow Wilson.

Ralph Davis applied for a homestead claim at Moose Meadows on McCalla Creek in 1917. Although Davis abandoned the claim Forest Examiner W.B.Rice made the following note while visiting the claim:

There is a trapper's cabin in the northeast corner of the area, but there is no evidence of settlement either by applicant or other parties. The only improvement on the tract is the trapper's cabin mentioned above which is 10 x 12 feet, in fair shape and valued at \$25.00.

An application was made by Wm. Mitchell on Disappointment Creek at the mouth of Hungry Creek. The claim was examined by Assistant Forest Ranger Walter G.Mann on June 30, 1910. He made the following remarks in his report:

CLAIM: One cabin built by trappers some three years ago. There is about two acres cleared of brush by Warren E. Cook in 1907. Mr. Cook also planted strawberries, raspberries and rhubarb, most of which is now bearing fruit. Mr. Cook was a Forest Guard at that time.

ECONOMICS POSSIBILITIES: Mr. Mitchell wishes to go into the cattle business. This station is very valuable to the Forest Service as a winter headquarters since it is the only place in that section where a ranger can winter horses and have a year-round station. About 20 acres can be cleared and put into garden, and some hay might be raised for emergency in the winter. This station is situated in a very rough country and is really the only garden spot in that section where there are rolling bunch grass hills on which horses can graze for the greater part of the winter...

RECOMMENDATIONS: I recommend against the listing of this land.

Mitchell's application was rejected.

CHANGES IN THE HEARTLAND

By the early 1900's, pioneers were writing about the "good old days," and analyzing changes that had taken place in Idaho. Governor W.J. McConnell was one of the first-comers to take up farming and ranching to supply miners with fresh produce. He remembered 1860's prices:

It was a high-priced market we had entered. Early potatoes

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to that the claimant made it his home to the exclusion of a home elsewhere.

LOCATION: This area lies...on the West Fork of Chamberlain Creek about 1 mile above its confluence with the main Chamberlain Creek. The area is about 40 miles [northeast] from the town of Warren, Idaho, and the nearest post office, and approximately 15 miles from the nearest wagon road, the road from Warren to the Pen Idaho mine.

The claim lies on both sides of the West Fork of Chamberlain Creek.

SETTLEMENT: The claimant settled on this area June 25, 1912, and has resided there ever since to the exclusion of home elsewhere. He was absent for short periods during the summers since that date, while engaged as a guard for the Forest Service and also has been absent during one to three months in winter while employed by the Forest Service, except the past winter.

IMPROVEMENTS:

Four room, two story log house, 16 by 24 feet, 14 feet to the eaves, 1/2 pitch shake roof, 6' porch all around, finished with whipsawed lumber...Value \$550.00.

Barn, 32 by 58 feet, log with shake roof, 14 stalls, seven at each end, room for 20 tons of hay...Value \$400.00.

Outside double walled log cellar, 18 by 20 feet outside, 13 foot square inside, 7 feet to eaves, 1/3 pitch roof... Value \$350.00.

Log storehouse, 8 by 12 feet, 8 feet to eaves, 1/2 pitch shake roof...Value \$50.00.

Log blacksmith shop and tool house, 12 by 20 feet, 7 feet to eaves, 1/3 pitch shake roof...Value \$150.00.

Log saddle and harness house, 10 by 12 feet, 7 feet to eaves, 1/3 pitch shake roof...Value \$100.00.

Log chicken house, 10 by 20 feet, 7 feet to eaves, 1/2 pitch shake roof, house divided into two rooms...Value \$120.00.

Six log corrals of varying sizes, which together with fence make approximately two miles of pole and wire fence...

Value \$500.00

All of the above improvements were built by the claimant since he took up his residence on this claim.

The domestic water supply is obtained from a spring, a short distance south and west of the cabin. At present this is brought to the house in a "V" flume, but pipe to bring the water to the house has been purchased and will be installed next spring.

CULTIVATION: Approximately 25 acres of the area which was originally meadow and brush land has been broken up and seeded down to timothy...In addition to the acreage seeded down to hay, about 8 acres is used to grow turnips, carrots, parsnips, rutabagas and other hardy vegetables, most of which are used to feed stock. Ordinarily about 7 to 8 tons of these veget-

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log structure, size 14' x 16' value \$150.00. Several bridges have been built and a lot of corduroying has been done, the work amounting to about \$200.00.

The water supply is taken from Chamberlain Creek and used both for domestic and irrigation purposes. The land is enclosed with a good four rail fence on East, West, and North sides. The South side being heavily timbered, no fence was needed... All of the improvements were built by the claimant.

CULTIVATION: About 50 acres of land now producing a crop of wild hay...1915--8 tons; 1916--15 tons; 1917--20 tons; 1918--30 tons; 1919--35 tons; 1920--38 tons, 1921--45 tons. The hay is fed to the claimants cattle and horses. In 1917 the claimant sold about eight tons of hay to nearby neighbors.

GRAZING: The claimant owns five head of horses and 22 head of cattle...

The 1920 census for Warren Precinct notes that Hotzel was 40 years old, and a naturalized citizen born in Germany. Hotzel received patent on February 26, 1923, signed by Warren G. Harding.

Forest Supervisor Walter Mann used Hotzel as an example of early pioneer tenacity when he wrote a report describing early range conditions and grazing:

The spirit backing these early livestock settlers is represented in an account of August Hotzel. A recent naturalized Swiss*, he entered the area as a prospector. He reached the place which now bears his name, and after being informed he could own land by merely working it, he shed tears of joy and blessed America as God's land. Although not an exceptionally strong man, he performed the tasks of five men in building his property and caring for his cattle. Only surmountable obstacles prevented the success of his enterprise (Mann n.d.:2).

(* As noted earlier, Hotzel was German born, however, it was suspect and unpopular to be of German descent during World War I.)

Glenn Thompson added the following information about Hotzel:

His log buildings were all of Swiss design. He stayed with us on the South Fork during part of his terminal illness in 1929. (Thompson 1968).

Hotzel's neighbors were Wm. A. "Bill" Stonebraker and his wife Lillian. The 1920 census records, Warren Precinct, indicate Bill Stonebraker was 41 years of age and Lillian as 34 (United States Census, Warren Precinct, Idaho County, State of Idaho)..

On August 17, 1917, Deputy Forest Supervisor J.C. Roak examined the Stonebraker homestead claim. He made the following report on March 30, 1918:

CLAIMANT: W.A. Stonebraker, post office address, Warren, Idaho, was married sometime last fall [1917]. Since his marriage, he and his wife have resided on the claim, and prior

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for Warren Precinct list Warren E. Cook (age 34), his wife Helga M. (26) and daughter Dorothy (7 mos.). The census indicated the Cooks had been married a year and one-half, and lists his occupation as Forest Service Ranger (United States Census, 1910, Warren Precinct, Idaho County, State of Idaho).

In 1907, Cook applied for a homestead on land adjacent to the Chamberlain Ranger Station [later Chamberlain Guard Station]. Cook is credited with building the first cabin at the station in 1907, while working as a ranger there. Cook and his new wife, Helga, were evidently moving to Chamberlain Basin on March 22, 1909, when he wrote the following remarks in a letter to Forest Supervisor H.A. Bergh:

Tomorrow I start for the work. Mrs. Cook will be taken with the dog team. She is much improved. When I have my working force organized, I will report full particulars. As you probably [sic] understand, I will only get mail matter once a week until June 1, thereafter 3 times per week.

Very Truly Yours, Warren E. Cook, Deputy Ranger

Warren Cook did not stay on the homestead claim; on January 17, 1916, when the homestead claim was examined by Ass. District Forester Hoyt, it was found abandoned. The claim was canceled.

German born August Hotzel, mentioned earlier as one of the builders of the Three-Blaze Trail, homesteaded northeast of the Chamberlain Ranger Station. Forest Ranger Marion E. Mahoney examined Hotzel's claim on September 15, 1921, and reported:

CLAIMANT: August Hotzel, Warren, Idaho

LOCATION: The claim is located on Chamberlain Creek and consists of nearly all bottom land with the exception of about 10 acres. All bottom land that is cleared is now producing crops of wild hay...The altitude is about 6000 feet above sea level...

SETTLEMENT: The claimant settled on this claim on February 15, 1915, and made filing on same claim April 19, 1915, and made actual settlement on land July 15, 1915. The claimant has no family and has himself only been absent from claim twice... during these he was working out to accumulate money for the improvements of the claim.

The following farming implements were found on the claim: 1 McCormick Mower, Hay boats, pitch forks, garden implements, plows, etc. The household furniture being limited on account of transportation, only stoves, home-made tables, and bedsteads being present.

IMPROVEMENTS: One dwelling house of hewn logs, size 18' x 20', containing three rooms, valued at \$450.00. One hay barn, log structure, size 24' x 32', value \$250.00. One barn, size 36' x 48' log structure, value \$700.00. One log store-house under construction, size 16' x 25,' including sheds on sides for storing farming implements, value \$150.00. One chicken house,