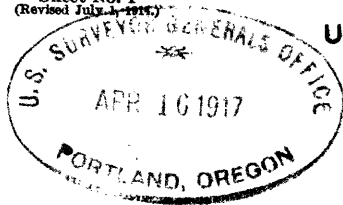
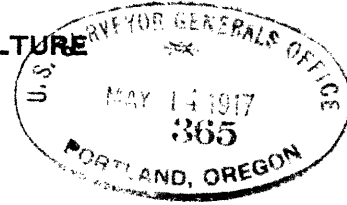


ORIGINAL



U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE



FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 195

SITUATED IN THE Umpqua NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 6.

In Section 23, unsurveyed, Township 30 S., Range 1 W.

of the
Willamette Meridian.
State of
Oregon.

FILED

Date: 11-4-2009 By: JC
This survey consists of:
Map: GLO HES 195
Narrative: 10PG
Corner Rpt: CS 65/67-7A-J

DOUGLAS COUNTY
SURVEYOR

Applicant for listing Charles Irvin Mather,

Residence North Bend, Oregon.

Application No. 136, dated June 8, 19 14.

List No. 6-1556, dated December 15,, 19 14.

Applicant for survey Charles Irvin Mather,

Residence Tiller, Oregon.

H. E. No. 010213, dated June 12,, 19 15.

Land District Roseburg, Oregon.

Survey executed by Frederick W. Rase,

[Forest Service Title.]

Under special instructions dated March 23,, 19 16.

Survey commenced August 30, 1916., 19

Survey completed August 31, 1916., 19

Under Acts of June 11, 1906 and August 11, 1916.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. November 23, 1917

C.S. File No 65/67-7A

OATH OF ASSISTANTS

We hereby certify that we assisted Frederick W. Case in surveying all those parts or portions of Homestead Entry Survey No. 195, in the State of Oregon, 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 established, according to the instructions furnished by the United States Surveyor General for Oregon.

Chairman Jesse W. Cole
Assistant Tommy Beusta

Subscribed and sworn to before me this 31st day of

August, 1916. Frederick W. Case
Surveyor

OATH OF SURVEYOR

I, Frederick W. Case Surveyor
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated March 23, 1916, 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. 6-1556, dated Dec. 15, 1914, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 195, situated within the Wapque National Forest, in un surveyed Section 23, Township 30 S, Range 1 W, and surveyed Section _____, Township _____, Range _____

of the Willamette meridian, Oregon, 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.

Frederick W. Case
Surveyor
[Forest Service Title.]

Subscribed and sworn to before me this 16th day of

March, 1917. George L. Miller
Notary Public



1-2349

UMPQUA NATIONAL FOREST
STATE OF OREGON.

Chains

Entryman: Charles Irwin Mather,
H.E.No. C10213, dated June 12, 1915.
Land District: Roseburg, Oregon.

Survey commenced August 30, 1916 and executed with a Buff and Buff light mountain transit No. 9701 with solar attachment; the horizontal limb having two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Portland, Oregon, found correct and was approved by the Assistant Supervisor of Surveys for Oregon and Washington, April 29, 1916.

All measurements, unless otherwise specified, are made with a 1/8 inch steel tape, 5 chains in length, compared with a Chesterman standard steel tape. Clinometers are used to determine slope angles, and measurements are reduced to true horizontal distances.

I examine the adjustments of the transit and correct all errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows:

August 30, 1916: At my camp in the ~~NE~~^{NE} of sec. 22, T. 30 S., R. 1 W., Willamette Meridian, in latitude $42^{\circ}57'N.$, longitude $122^{\circ}46'W.$ (obtained from blue print accompanying Special Instructions and subsequently verified) I set off $42^{\circ}57'N.$ on the latitude arc, $8^{\circ}53'N.$ on the declination arc, and at 4^h p.m., l.m.t., determine a meridian with the solar and mark a point thereof on a peg set in the ground, 5 chs. north of my station.

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STATE OF Oregon.

Chains

At 8^h59^m p.m. l.m.t. I obs. Pol. at eastern elongation and mark a point in the line thus determined on a peg driven in the ground 5 chs. north of my station.

August 30, 1916.

August 31, 1916: At 8^h a.m., l.m.t., I lay off the azimuth of Pol. 94 minutes to the west and mark the mer. thus determined by a tack in the peg previously set, on which the mer. falls 0.4 ins. west of the mark determined by the solar.

At 8^h03^m a.m., l.m.t., I set off 42°57'N. on the lat. arc, 8°38'N. on the decl. arc; and mark a point in the mer. determined with the solar, by a tack in the peg already set in the ground, 5 chs. north of station; this mark falls 0.3 ins. east of the mer. established by the Pol. obsn.

The solar apparatus by a.m. and p.m. obsns. defines positions for the mer. within 1 minute of arc of the mer. established by the Pol. obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.

August 31, 1916: At cor. No. 1 of this survey, hereinafter described, I set off 8°34'N. on the decl. arc, and at 12^h l.m.t., obs. the sun on the mer.; the resulting lat. is 42°57'N., longitude 122°46'W.

The mag. bearing of the true mer. at cor. No. 1 at 1^h p.m. is N.20°00'W.; the angle thus determined gives the mag. decl. 20°00'E., The mean mag. decl. is 20°06'E.

RETRACEMENTS.

August 31, 1916: Preliminary to the survey of this homestead entry, I make the following retracements: Commencing at cor. of secs. 14, 15, 22 and 23, T. 30 S., R. 1 W., Willamette Mer., which is a post (badly decayed) 3 ins. sq., 12 ins. above ground, marks not

Umpqua NATIONAL FOREST

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distinguishable; bearing trees as described by the Surveyor General remain standing.

I destroy old post and in its place

Set a granite stone 15x6x6 ins., 10 ins. in the ground, mkd. with 2 notches on east and 3 notches on south edges, for cor. of secs. 14, 15, 22 and 23.

Thence I run

South (recorded bearing) retracing line bet. secs. 22 and 23.

39.98 Fall 1 lk. west of the 1/4 sec. cor. bet. secs. 22 and 23, which is a fir post 4 ins. sq., 12 ins. above ground, mkd. and witnessed as described by the Surveyor General. (The true bearing and length of this line is S.0°01'E., 39.98 chs.)

Thence I run

N.0°01'W. on a true line, bet. secs. 22 and 23.

19.99 (Proportional measurement) Set a temporary stake for 1/16 sec. cor. and cor. No. 4 of this survey.

39.98 Cor. of secs. 14, 15, 22 and 23, heretofore described.

From cor. of secs. 14, 15, 22 and 23, heretofore described, I run

East (recorded bearing) retracing line bet. secs. 14 and 23.

39.90 Fall 17 lks. north of the 1/4 sec. cor. bet. secs. 14 and 23, which is a fir post 4 ins. sq., 14 ins. above ground, mkd. and witnessed as described by the Surveyor General. (The true bearing and length of this line is S.89°45'E., 39.90 chs.)

Thence I run

N.89°45'W., on a true line, bet. secs. 14 and 23.

19.95 (Proportional measurement) Set a temporary stake for 1/16 sec. cor. and cor. No. 2 of this survey.

39.90 Cor. of secs. 14, 15, 22 and 23, heretofore described.

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HOMESTEAD ENTRY SURVEY NO. 195

UMPQUA NATIONAL FOREST

STATE OF OREGON.

Chains

H.E.S. No. 195.

August 31, 1916: I begin at cor. No. 1 of this survey, identical with cor. of secs. 14, 15, 22 and 23, T. 30 S., R. 1 W., Willamette Meridian, heretofore described. I mark the stone with a cross on top for chaining point, and alongside of cor.

Set a sand stone 26x10x8 ins., 16 ins. in the ground, over a stone mkd. with a cross, mkd. 1 HES 195 on side facing the claim, for cor. No. 1 of this survey.

Thence I run

S.89°45'E. on a true line, bet. secs. 14 and 23, and along south bdy. of ~~W1/4~~ sec. 14 (H.E.010213).

Descend southeast slope.

0.07 Trail bears northeast and southwest..

3.00 Enter fir and pine timber.

9.34 Creek, 5 lks. wide, 150 ft. below cor. No. 1, course south; ascend southwest slope.

19.10 Trail bears northwest and southeast. .

19.30 Top of ascent, 300 ft. above creek.

19.95 Cor. No. 2 and 1/16 sec. cor., identical with the temporary stake already set, which I destroy and in its place

Set a granite stone 24x7x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for 1/16 sec. cor. and cor. No. 2 of this survey, mkd. 1/16 on north face and 2 HES 195 on side facing the claim;

- from which -

A fir 12 ins. dia. bears S.10°30'W., 88 lks. dist., mkd. X 2 HES 195 B T.

A fir 14 ins. dia. bears S.25°00'W., 97 lks. dist., mkd. X 2 HES 195 B T

Raise a mound of stone 3 ft. base, 2 ft. high, 3-1/2 ft. dist. within the claim.

Chains

- Thence I run
 South on a true line,
 Through scattering fir timber and undergrowth.
- 0.70 Descend southwest slope.
- 1.03 Trail bears northwest and southeast.
- 19.90 Cor. No. 3 (point intended by the District Forester) 450
 ft. below cor. No. 2.
- Set a granite stone 24x10x5 ins., 14 ins. in the ground,
 over a stone mkd. with a cross for cor. no. 3 of this
 survey, mkd. 3 HES 195 on side facing the claim;
 - from which -
 A fir 6 ins. dia. bears N.74°30'W., 23 lks. dist.,
 mkd. X 3 HES 195 B T.
- No other bearings available; pits impracticable.
- Raise a mound of stone 3 ft. base, 2 ft. high, 3-1/2 ft.
 dist. within the claim.
-
- Thence I run
 West on a random line, and at 19.93 chs. intersect the
 temporary stake set for cor. No. 4 of this survey and
 1/16 sec. cor.
 (The true bearing and length of this line is west 19.93
 chs.)
- Returning to cor. No. 3 of this survey, above described,
 I run
 West on a true line.
 Descend southwest slope.
- 0.63 Right bank of South Fork South Umpqua River, course
 northwest, 30 ft. below cor. No. 3.
- 1.63 Left bank of river; ascend northeast slope, through fir,
 timber and windfall.
- 6.50 Top of ascent, 55 ft. above river; thence on flat.

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12.53 Leave flat and windfall; abrupt descent of 60 ft. to

13.75 Left bank of South Fork South Umpqua River, course S.10°W.

14.35 Right bank of river; thence on level bottom land.

16.50 Leave bottom land; ascend southeast slope.

19.93 Cor. No. 4 (70 ft. above river) identical with temporary
stake set for 1/16 sec. cor. and cor. No. 4 of this
survey, which I destroy and in its place
Set a granite stone 30x12x6 ins., 20 ins. in the ground,
over a stone mkd. with a cross for 1/16 sec. cor. and
cor. No. 4 of this survey, mkd. 1/16 on west face and
4 HES 195 on side facing the claim;
- from which -
A fir 36 ins. dia. bears N.82°15'E., 379 lks. dist.,
mkd. X 4 HES 195 B T.

No other bearings available; therefore dig pits 24x24x12
ins., crosswise on this and the succeeding line, 7 ft.
dist. and raise a mound of earth 4 ft. base, 2 ft. high,
3-1/2 ft. dist. within the claim.

Thence I run
N.0°01'W. on a true line, bet. secs. 22 and 23, and along
east bdy. of NE~~1~~NE~~1~~ sec. 22 (H. E. 010213).

Gradual ascent of steep southeast slope, through dead
fir timber, windfall and undergrowth.

4.00 Leave dead timber and windfall; enter fir and scattering
oak timber.

9.20 Draw, course southeast; ascend more abruptly.

19.91 Trail bears east and west.

19.99 To cor. No. 1, the place of beginning (260 ft. above
cor. No. 4.

AREA

Area of B.E.S. No. 195, 39.76 acres

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STATE OF Oregon

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IMPROVEMENTS.

All improvements of claimant are located in the ~~NE 1/4~~
sec. 22 (H.E. 010213), adjoining this H.E. Survey on
the west.

GENERAL DESCRIPTION.

This claim lies about 5 miles above the forks of the
south Umpqua River, at an elevation of about 1200 ft.
The slope of the land is southerly. The soil is a dark
red clay loam, capable of producing garden truck, hay
and grain.

Sufficient water for all purposes is available.

The character of the land is non-mineral.

The nearest post office is Tiller, Oregon, about 15 miles
by trail and wagon road, southwest of claim.

Riddle, Oregon, on the S. P. R. R., about 35 miles
southwesterly of claim, is the nearest railroad
station.

LOCATION.

This homestead entry is located in sec. 23, unsurveyed,
T. 30 S., R. 1 W., Willamette Meridian, Oregon.

REPORT.

The survey of this homestead entry embraces an area
wholly confined within the listed and entered descrip-
tion.

The bearings obtained by the solar were checked by the
angles of the survey independently read on the
horizontal limb.

No officer qualified to administer oaths was available;
therefore the final affidavit of assistants was made
before the surveyor in his official capacity.

HOMESTEAD ENTRY SURVEY NO. 195

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This survey is bounded on the north and west by
H.E. 010213, taken up by same entryman.

BOUNDARIES OF H.E.S. No. 195.

Bearing	Dist.	Latitude		Departure	
		N.	S.	E.	W.
S.89°45'E.	19.95		.09	19.95	
South	19.90		19.90		
West	19.93				19.93
N.0°01'W.	19.99	19.99			.01
	79.77	19.99	19.99	19.95	19.94

Error in lat. - 0

Error in dep. - 1 lk.

Error of closure - 1:7977

August 31, 1916.

Frederick W. Rose
Surveyor-Forest Service.