Bearing	Distance	Walamagoo Placer Mining Claim No. 37.
		Begin at the Southwest corner of Claim 37, on the beach of the Pacific Ocean, at a point from which the corner of fractional Sections 30 & 31 bears S 22° 30' W 3246 links. Set a flag and thence, Var 19° 15' E
N 22½° E		On W. bdy. of Claim and meandars of Pacific Ocean
"	3.50	Crute from the East. Cabin bears East 300 lks. Reservoir bears N 80° E 350 lks.
"	20.00	To the NW. corner of Claim 37 (A monument on the beach is marked)
East		On the North bdy. of Claim 37
"	1.20	Foot of Lofty bluff N 22½° E & S 22½° W
"	3.89	Summit of bluff. Set a post for witness to N.W. Cor. of Cl. 37 from which a Pine 6 in. dia. bears S 61° E 261 lks
"	7.00	Set a post for N.E. Corner of Claim 37, from which A. Pine 8 in. dia. bears S 89° W 20 lks dist. " " 6 " " " S 50° W 21 " " (The corners and witness trees are marked C 37 T 35 S R 14 W)
South		On the East bdy. of Claim 37
"	8.50	Begin to ascend
"	9.50	Foot of hill NE & SW Enter Crute bottom
"	11.00	Stream 10 lks wide Course S.W.
	15.00	Foot of hill N.E. & S.W. Begin to ascend
	18.49	To an oak 4 in. dia. for S.E. Cor. of Claim 37, from which An oak 8 in. dia. bears N 3¼° W 76 lks. dist. A Fir 9 " " " N 44½° W 25 " "
West		On S. bdy of Claim 37
	2.60	Begin to ascend

(Continued on page 2)

Township 35 South, Range 14 West

Bearing	Distance	
West		On South bdy. of Claim 37 (continued)
"	13.22	Intersect the beach. Set a Stake for witness to S.W. Cor. of Cl. 37 Build a mound of Stone - no trees available.
"	14.64	To the S.W. Cor. of Claim 37 place of beginning

February 25th 1880

John Fitzhugh
U.S. Deputy Mineral Surv.

Investigation shows that these mines generally may be placed in the same class with other placer mines, for, although the mining is, in most cases, done on the beach, it is very rarely done below ordinary high water mark, which is shown by the sluices, tons and tools of the miners, which are undisturbed for several weeks at a time. And the paying Beach is almost universally in front of old alluvial formations which contain gold and other metals.

The banks are from ten to sixty feet high. The upper stratum is a lutecous formation, the others are Silicious. They are shown to be alluvial by the imbedded lignites.

The metals discovered are gold, platinum, iridium, iridosimum and iron. The gold is found in heavy deposits of black sand.

John Fitzhugh
Dep. U.S. Min. Surv.

Certificate of Character and Value of Improvements on Mining Claim.

OFFICE U. S. DEPUTY MINERAL SURVEYOR,
Ellensburg Oregon,
June 1st 1881

I, John Fitzhugh U. S. Deputy Mineral Surveyor for the Sixth District of Oregon, hereby certify that the value of **Labor and Improvements** expended on the Kalamazoo Claim No. 37 claimed by William McMann situate in the unsurveyed portion of Township 35 South of Range 14 West in Curry County, Oregon, and represented by the annexed **diagram**, exceeds the sum of Five hundred Dollars,

consisting of House, Fencing & Clearing ground	$ 125.00
Dams, Reservoir & Ditching	" 225.00
Mining Apparatus	" 115.00
Prospecting Shafts	" 50.00
Uncovering the Mine	" 150.00
	$ 665.00

And I further certify that the character of the Kalamazoo Mine as far as exposed is gold bearing.

IN TESTIMONY WHEREOF, I have hereunto set my hand, this first day of June 1881, at Ellensburg, Oregon.

John Fitzhugh
U. S. Deputy Mineral Surveyor for Oregon.

Affidavit of Expenditures

UPON

MINING CLAIMS.

WE, John A. Gauntlett and A. J. Edson being severally sworn on oath, depose and say: that we are citizens of the United States, and of the State of Oregon; that we are well acquainted with the situation and character of the Mining Claim known as the Kalamazoo Mine, claimed by Wm McMann located in Rogue River Mining District, in Curry County, State of Oregon, Township No. 35 South Range No. 14 West Willamette Meridian, surveyed by John Fitzhugh U. S. Deputy Mineral Surveyor, in the Month of February 1880; that the same is a placer Claim, containing Gold; that we have no financial interest in said Mining Claim; that we are conversant with the working of Mining Claims, and that to the best of our knowledge and belief, the amount expended on said Mining Claim in labor and improvements by the said claimant or grantor is not less than Five Hundred dollars. Said improvements consist of Ditches, Sluices, Reservoirs flumes, Hose, House, and Mining Implements

A. A. Gauntlett {Seal.}

A. J. Edson {Seal.}

Subscribed and Sworn to before me, this Sixth day of August 1881

Walter Sutton
County Clerk
Curry County Oregon

OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, Aug 29 1881

The foregoing Field Notes of the Survey of the Mining Claim known as the Kalamazoo Placer Mine located in Sixth Mining District, Curry County, State of Oregon, Mineral District of the State aforesaid. Executed by John Fitzhugh U. S. Deputy Mineral Surveyor, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

James C. Tolman
Surveyor General, Oregon.

OFFICE U. S. SURVEYOR GENERAL,

Portland, Oregon, Aug 29 1881

I hereby certify that the foregoing transcript of the Field Notes of the Survey of the Kalamazoo Placer Mine Mine, located in Curry County, State of Oregon, has been correctly made from the original Field Notes of such Survey, now on file in this Office, and that said Field Notes furnish such an accurate description of said claim as will, if incorporated in a Patent, serve fully to identify the premises, and that such reference is made therein to natural objects and permanent mouuments as will fix and perpetuate the locus thereof. I do further certify that the value of work and improvements in and upon said claim is not less than Five Hundred Dollars, and that the plat of the same, filed in the U. S. Land Office at Roseburg is correct and in conformity with said Field Notes.

James C. Tolman
Surveyor General, Oregon.

The history of surveys of the portion of township 33 south, range 10 west, included in the resurvey, is as follows:

The Seventh Standard Parallel South, south boundary of township 32 south, range 10 west, was surveyed by Richmond S. Dickerson in 1883, partly retraced by George S. Pershin in 1901, and partly retraced by Fred Mensch in 1913. The standard corner of townships 32 south, ranges 9 and 10 west, was remonumented by Fred Mensch in 1917.

The north portion of the east boundary of the township was surveyed by Ernest P. Rands in 1911.

The subdivisional lines of the north half of the township were surveyed by Fred Mensch in 1913.

The resurvey and the subdivision survey of section 1 were made for the administrative purposes of the Bureau of Land Management.

Preliminary to the resurvey the lines of the original survey are retraced and search is made for all corners and other calls of the record. Identified corners are remonumented in their original positions. All of the original corners were recovered. The retracement data are thoroughly verified and only the true line field notes are given herein.

The survey was executed with a solar compass made by W. and L. E. Gurley, serial number Memo D, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instrument was also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Dietzgen steel tape, two chains (132 feet) in length, graduated every link throughout its entire length. The vertical angle of each measurement was ascertained by use of clinometers at front and rear of the tape. Only the horizontal equivalents of the measurements made are entered in the field note record. The tape was compared to a standard steel tape, one chain in length, and found correct.

The directions of lines were determined by the solar compass method.

The geographic position of the southeast corner of section 1, as interpolated from the MARIAL quadrangle map published by the Geological Survey in 1954, is as follows:

Latitude 42° 43.5' N. Longitude 123° 49.1' W.

The mean magnetic declination is $19\frac{1}{2}°$ E.

Chains

Dependent Resurvey of 7th Stan. Par. S., Portion of the S. Bdy. of T. 32 S., R. 10 W.
(Restoring the 1883 survey by Richmond S. Dickerson, partly retraced by George S. Pershin in 1901 and Fred Mensch in 1913)

Beginning at the standard cor. of Tps. 32 S., Rs. 9 and 10 W., monumented by Mensch in 1917 with an iron post, 3 ins. diam., extending 10 ins. above ground, firmly set, marked and witnessed as described in the official record.

S. 89° 44' W., along the S. bdy. of sec. 36, marking and blazing the true line.

Descend 55 ft. over SW. slope, through timber and undergrowth.

20.06 Point for the standard E 1/16 sec. cor. of sec. 36.

Dependent Resurvey of 7th Stan. Par. S., Portion of S. Bdy., T. 32 S., R. 10 W.

Chains	
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked S C E 1/16 S 36 T 32 S R 10 W 1958 from which A fir, 8 ins. diam., bears N. 50° W., 10 lks. dist., marked E 1/16 S36 SC BT. A fir, 20 ins. diam., bears N. 20° E., 13 lks. dist., marked E 1/16 S36 SC BT. Descend 35 ft. over SW. slope.
32.12	The closing cor. of Tps. 33 S., Rs. 9 and 10 W., hereinafter described. Descend 45 ft. over SW. slope.
36.50	Enter Big Meadows, edge bears N. and S.
40.12	The standard ¼ sec. cor. of sec. 36, monumented with a stone, 16 x 12 x 8 ins., marked ¼ SC on N. face, from which the original bearing trees: An oak, 24 ins. diam., bears S. 23° W., 257 lks. dist., marked with a rotted blaze. An oak, 18 ins. diam., bears N. 56° W., 248 lks. dist., marked with a healed blaze. At the corner point Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked S C ¼ S 36 T 32 S R 10 W 1958 from which new bearing trees: A fir, 16 ins. diam., bears N. 73¾° E., 394 lks. dist., marked ¼ S36 SC BT. An oak, 12 ins. diam., bears N. 53½° W., 245 lks. dist., marked ¼ S36 SC BT. Deposit stone at base of post. --- S. 89° 56' W., beginning new measurement. Descend slightly along S. slope.
16.90	Draw, drains S.; asc. slightly over SE. slope.
18.67	Road to Big Meadows, 15 lks. wide, bears N. and S.
20.10	Point for the standard W 1/16 sec. cor. of sec. 36. Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked

Dependent Resurvey of 7th Stan. Par. S., Portion of S. Bdy., T. 32 S., R. 10 W.

Chains	
	S C W 1/16 S 36 T 32 S R 10 W 1958
	from which
	A pine, 12 ins. diam., bears N. 47° E., 62 lks. dist., marked W 1/16 S36 SC BT.
	A pine, 8 ins. diam., bears N. 31¾° W., 138 lks. dist., marked W 1/16 S36 SC BT.
	Ascend 85 ft. over SE. slope.
20.67	Dirt road, 15 lks. wide, bears N. 10° E. and S. 55° W.
30.60	Leave Big Meadows and enter heavy pine timber, edge bears N. and S.
31.79	Point for the ¼ sec. cor. of sec. 1, hereinafter described.
	Ascend slightly over SE. slope, changing to S. slope.
40.20	The standard cor. of secs. 35 and 36, monumented with a stone, 15 x 12 x 8 ins., marked SC on N. face, from which the original bearing trees:
	A pine, 55 ins. diam., bears N. 77° E., 34 lks. dist., marked with an opened blaze.
	A pine, 45 ins. diam., bears S. 44° E., 24 lks. dist., marked T33S R10W S1 SC BT.
	A pine snag, 32 ins. diam., bears N. 78° W., 35 lks. dist., with no marks remaining.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked
	S C T 32 S R 10 W S 35 | S 36 1958
	from which new bearing trees:
	A pine, 9 ins. diam., bears N. 17½° E., 35 lks. dist., marked T32S R10W S36 SC BT.
	A fir, 8 ins. diam., bears N. 50½° W., 65 lks. dist., marked T32S R10W S35 SC BT.
	Deposit stone at base of post.
	Land, mountainous. Soil, rocky clay. Timber, fir, pine and madrona; undergrowth, tanoak, huckleberry, hazel, arrowwood and willow.
	S. 89° 33' W., along the S. bdy. of sec. 35.
	Ascend slightly over SE. slope, through timber and undergrowth.
9.50	Ridge, bears NE. and SW.; desc. 536 ft. over NW. slope.

Dependent Resurvey of 7th Stan. Par. S., Portion of S. Bdy., T. 32 S., R. 10 W.

Chains

31.38 The closing cor. of secs. 1 and 2, T. 33 S., R. 10 W., hereinafter described.

Descend 173 ft. over NW. slope.

39.42 The standard $\frac{1}{4}$ sec. cor. of sec. 35, remonumented by Mensch in 1913 with a basalt stone, 16 x 12 x 10 ins., marked SC $\frac{1}{4}$ on N. face, from which the original bearing trees:

A fir, 50 ins. diam., bears N. 43° W., 47 lks. dist., marked $\frac{1}{4}$S BT on bark.

A fir, 40 ins. diam., bears S. 51° E., 30 lks. dist., marked $\frac{1}{4}$S BT on bark. Re-mark, $\frac{1}{4}$ S35 SC BT on bark, without disturbing old marks.

and a bearing tree marked in 1912:

A tanoak, 8 ins. diam., bears N. 20° E., 6 lks. dist., marked $\frac{1}{4}$ S35 BT on open blaze.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked

S C
$\frac{1}{4}$ S 35
T 32 S R 10 W
1958

from which a new bearing tree:

A fir, 14 ins. diam., bears N. $11\frac{1}{2}$° E., 50 lks. dist., marked $\frac{1}{4}$ S35 SC BT.

Deposit basalt stone at base of post.

Land, mountainous.
Soil, rocky clay.
Timber, fir, pine, tanoak and madrona; undergrowth, tanoak, huckleberry, hazel, arrowwood and willow.

Dependent Resurvey of Portion of the E. Bdy. of T. 33 S., R. 10 W.
(Restoring the 1911 survey by Ernest P. Rands)

From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., determined at record bearing and distance from the remaining original bearing trees:

A pine, 36 ins. diam., bears N. 12° E., 31 lks. dist., marked T33S R9W S6 BT on burned face of blaze.

A pine, 45 ins. diam., bears N. 42° W., 32 lks. dist., marked T33S R10W S1 BT on burned face of blaze.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked

T 33 S
R 10 W | R 9 W
S 1 | S 6
S 12 | S 7
1958

Chains	
	from which new bearing trees:
	A fir, 12 ins. diam., bears N. 63° E., 47 lks. dist., marked T33S R9W S6 BT.
	A fir, 9 ins. diam., bears S. 43¼° E., 51 lks. dist., marked T33S R9W S7 BT.
	A fir, 10 ins. diam., bears S. 79½° W., 45 lks. dist., marked T33S R10W S12 BT.
	A fir, 8 ins. diam., bears N. 74½° W., 74 lks. dist., marked T33S R10W S1 BT.
	N. 0° 03' W., bet. secs. 1 and 6.
	Ascend 200 ft. over SW. slope, through timber and undergrowth.
15.00	Spur, slopes SW.; desc. 55 ft. over NW. slope.
21.20	Stream, 4 lks. wide, course S. 30° W.; asc. 150 ft. over SE. slope.
25.70	Spur, slopes SW.; asc. 150 ft. over SW. slope.
40.00	The ¼ sec. cor. of secs. 1 and 6, determined at record bearing and distance from the remaining original bearing tree:
	A fir, 52 ins. diam., bears S. 36° W., 67 lks. dist., marked with a healed blaze.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked
	¼ S 1 | S 6 R 10 W R 9 W T 33 S 1958
	from which a new bearing tree:
	A fir, 52 ins. diam., bears N. 30° E., 45 lks. dist., marked ¼ S6 BT.
	N. 0° 03' W., beginning new measurement.
	Ascend slightly over SW. slope.
0.80	Spur, slopes SW.; desc. 20 ft. over NW. slope.
3.65	Quail Creek, 2 lks. wide, course SW.; asc. 315 ft. over SE. slope.
5.95	Road from Glendale to Marial, 20 lks. wide, bears NE. and SW.
27.50	Draw, drains S. 30° W.; asc. 180 ft. over SW. slope.
41.79	The closing cor. of Tps. 33 S., Rs. 9 and 10 W., on the 7th Stan. Par. S., determined at record bearing and distance from each of the original bearing trees:
	A fir, 37 ins. diam., bears S. 61° E., 92 lks. dist., marked with a healed blaze.
	A fir, 27 ins. diam., bears S. 40° W., 53 lks. dist., marked with a healed blaze.

Dependent Resurvey of Portion of the E. Bdy. of T. 33 S., R. 10 W.

Chains	
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap marked
	S 36 / S 1 | S 6 / R 10 W | R 9 W / T 33 S / CC / 1958
	from which new bearing trees:
	A fir, 9 ins. diam., bears S. 31½° E., 62 lks. dist., marked T33S R9W S6 CC BT.
	A fir, 12 ins. diam., bears S. 63¾° W., 45 lks. dist., marked T33S R10W S1 CC BT.
	From this point the standard ¼ sec. cor. of sec. 36, T. 32 S., R. 10 W., bears S. 89° 44' W., 8.00 chs. dist., previously described.
	Land, mountainous. Soil, rocky clay. Timber, fir, pine, oak and madrona; undergrowth, hazel, arrowwood and willow.
	Dependent Resurvey of Portion of Subdivisional Lines of T. 33 S., R. 10 W. (Restoring the 1913 survey by Fred Mensch)
	From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., previously described.
	N. 89° 51' W., bet. secs. 1 and 12.
	Descend 310 ft. over broken SW. slope, through timber and undergrowth.
16.60	Ravine, course SW.
19.98	Point for the E 1/16 sec. cor. of secs. 1 and 12.
	Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap marked
	E 1/16 S 1 / S 12 / T 33 S R 10 W / 1958
	from which
	A fir, 14 ins. diam., bears N. 36° W., 51 lks. dist., marked E 1/16 S1 BT.
	A fir, 6 ins. diam., bears S. 86° E., 7 lks. dist., marked E 1/16 S12 BT.
	Descend 105 ft. over SW. slope.
22.75	Quail Creek, 4 lks. wide, course S. 20° W.; asc. 225 ft. over broken SE. slope.
32.80	Branch, 3 lks. wide, course S.

Chains	
39.10	Spur, slopes S.; desc. slightly over SW. slope.
39.96	The $\frac{1}{4}$ sec. cor. of secs. 1 and 12, monumented with a basalt stone, 16 x 12 x 6 ins., marked $\frac{1}{4}$ on N. face, from which the original bearing trees: An oak, 14 ins. diam., bears N. 84° W., 61 lks. dist., marked with a rotted blaze. An oak, 24 ins. diam., bears S. 30° E., 38 lks. dist., marked S on opened blaze. At the corner point Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked $\frac{1}{4}$ S 1 / S 12 T 33 S R 10 W 1958 from which new bearing trees: A fir, 12 ins. diam., bears N. 43° W., 47 lks. dist., marked $\frac{1}{4}$ S1 BT. A fir, 12 ins. diam., bears S. 52° W., 53 lks. dist., marked $\frac{1}{4}$ S12 BT. Deposit basalt stone at base of post.
	S. 89° 57' W., beginning new measurement. Descend 25 ft. over SW. slope.
2.35	Branch, 1 lk. wide, course SE.; asc. 255 ft. over SE. slope.
26.10	Road from Glendale to Marial, 20 lks. wide, bears N. 40° E. and S. 15° W., on curve.
36.00	Spur, slopes SW.; desc. 65 ft. over SW. slope.
40.02	The cor. of secs. 1, 2, 11, and 12, monumented with a basalt stone, 15 x 10 x 6 ins., with no marks remaining, from which the remaining original bearing trees: An oak, 30 ins. diam., bears N. 67° E., 36 lks. dist., marked with a healed blaze. An oak snag, 32 ins. diam., bears S. 81° E., 18 lks. dist., marked with a healed blaze. A fir, 36 ins. diam., bears N. 59° W., 55 lks. dist., marked with a healed blaze. At the corner point Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked T 33 S R 10 W S 2 | S 1 S 11 | S 12 1958 from which new bearing trees:

Dependent Resurvey of Portion of Subdivisional Lines of T. 33 S., R. 10 W.

Chains	
	A fir, 8 ins. diam., bears N. 51° E., 22 lks. dist., marked T33S R10W S1 BT. A fir, 8 ins. diam., bears S. 41° E., 43 lks. dist., marked T33S R10W S12 BT. A fir, 14 ins. diam., bears S. 36½° W., 99 lks. dist., marked T33S R10W S11 BT. A fir, 9 ins. diam., bears N. 37° W., 16 lks. dist., marked T33S R10W S2 BT. Deposit basalt stone at base of post. Land, mountainous. Soil, rocky clay. Timber, fir, pine, oak and madrona; undergrowth, tanoak, ceanothus, hazel, arrowwood and willow.
	N. 0° 26' E., bet. secs. 1 and 2. Ascend 7 ft. over SW. slope.
1.30	Spring branch, 1 lk. wide, course SW.; asc. 73 ft. over SE. slope, changing to S. slope.
4.99	Point for the S-S-S 1/256 sec. cor. of secs. 1 and 2. Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked S-S-S 1/256 S 2 | S 1 1958 from which A fir, 8 ins. diam., bears N. 66° E., 37 lks. dist., marked SSS 1/256 S1 BT. A fir, 10 ins. diam., bears S. 46° W., 8 lks. dist., marked SSS 1/256 S2 BT. Ascend 50 ft. over broken SW. slope.
10.95	Branch, 2 lks. wide, course S. 20° W.; asc. 160 ft. over broken SW. slope.
19.97	Point for the S 1/16 sec. cor. of secs. 1 and 2. Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked S 1/16 S 2 | S 1 T 33 S R 10 W 1958 from which A fir, 7 ins. diam., bears S. 24½° E., 68 lks. dist., marked S 1/16 S1 BT. A fir, 20 ins. diam., bears S. 36½° W., 58 lks. dist., marked S 1/16 S2 BT.

Chains	
	Ascend 310 ft. over SW. slope, changing to SE. slope.
39.94	The $\frac{1}{4}$ sec. cor. of secs. 1 and 2, determined at record bearing and distance from each of the original bearing trees: A pine, 40 ins. diam., bears N. 37° E., 267 lks. dist., marked with an opened blaze. A pine, 30 ins. diam., bears N. 12° W., 235 lks. dist., marked $\frac{1}{4}$ S2 BT on opened blaze. At the corner point Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked $\frac{1}{4}$ S 2 | S 1 T 33 S R 10 W 1958 from which new bearing trees: A pine, 14 ins. diam., bears S. $47\frac{1}{2}$° E., 54 lks. dist., marked $\frac{1}{4}$ S1 BT. A pine, 14 ins. diam., bears N. $85\frac{1}{2}$° W., 29 lks. dist., marked $\frac{1}{4}$ S2 BT.
	N. 0° 22' E., beginning new measurement. Ascend 55 ft. over SE. slope.
5.01	Point for the S-S-N 1/256 sec. cor. of secs. 1 and 2. Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked S-S-N 1/256 S 2 | S 1 1958 from which A fir, 18 ins. diam., bears N. 12° E., 50 lks. dist., marked SSN 1/256 S1 BT. A pine, 13 ins. diam., bears N. $74\frac{1}{4}$° W., 26 lks. dist., marked SSN 1/256 S2 BT.
	Ascend 100 ft. over SE. slope.
15.02	Point for the N-S-N 1/256 sec. cor. of secs. 1 and 2. Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked N-S-N 1/256 S 2 | S 1 1958 from which A fir, 18 ins. diam., bears S. $84\frac{1}{2}$° E., 101 lks. dist., marked NSN 1/256 S1 BT.

Chains

A fir, 12 ins. diam., bears S. 67° W., 78 lks. dist., marked NSN 1/256 S2 BT.

Ascend 15 ft. over SE. slope.

17.00 Ridge, bears NE. and SW.; desc. 10 ft. over NW. slope.

20.03 Point for the N 1/16 sec. cor. of secs. 1 and 2.

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked

N 1/16
S 2 | S 1
T 33 S R 10 W
1958

from which

A fir, 10 ins. diam., bears S. 38½° E., 48 lks. dist., marked N 1/16 S1 BT.

A fir, 18 ins. diam., bears N. 39° W., 80 lks. dist., marked N 1/16 S2 BT.

Descend 275 ft. over NW. slope.

41.46 The closing cor. of secs. 1 and 2, on the 7th Stan. Par. S., monumented with a broken basalt stone, 12 x 10 x 8 ins., with no marks remaining, from which the remaining original bearing tree:

A fir, 45 ins. diam., bears S. 38½° W., 162 lks. dist., marked with a healed blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked

T 32 S
S 36
S 2 | S 1
T 33 S R 10 W
C C
1958

from which new bearing trees:

A fir, 10 ins. diam., bears S. 5° E., 36 lks. dist., marked T33S R10W S1 CC BT.

A tanoak, 6 ins. diam., bears S. 59° W., 62 lks. dist., marked T33S R10W S2 CC BT.

Deposit basalt stone at base of post.

From this point the standard ¼ sec. cor. of sec. 35, T. 32 S., R. 10 W., bears S. 89° 33' W., 8.04 chs. dist., previously described.

Land, mountainous.
Soil, rocky clay.
Timber, fir, pine, oak and madrona; undergrowth, tanoak, hazel, arrowwood and willow.

To complete the survey of sec. 1, I return to the standard cor. of secs. 35 and 36, on the S. bdy. of T. 32 S., R. 10 W., and run

Dependent Resurvey of Portion of Subdivisional Lines of T. 33 S., R. 10 W.

Chains	
	N. 89° 56' E., along the S. bdy. of sec. 36.
8.41	Point for the $\frac{1}{4}$ sec. cor. of sec. 1 only, at midpoint on the N. bdy. of sec. 1.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked $\frac{1}{4}$ S 1 T 33 S R 10 W 1958
	from which
	A pine, 8 ins. diam., bears S. 45° E., 112 lks. dist., marked $\frac{1}{4}$ S1 BT.
	A pine, 16 ins. diam., bears S. 36° W., 61 lks. dist., marked $\frac{1}{4}$ S1 BT.
	Subdivision of Section 1, T. 33 S., R. 10 W.
	The following subdivision of section survey was executed in conformity with legal surveying practice. The record of true line notes, only, is set forth in the following field notes.
	From the $\frac{1}{4}$ sec. cor. of secs. 1 and 12.
	N. 0° 10' E., along the N. and S. center line of sec. 1.
	Ascend 300 ft. over SW. slope, changing to broken SE. slope, through timber and undergrowth.
19.95	Point for the center S 1/16 sec. cor. of sec. 1.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked C S 1/16 | S 1 C 1958
	from which
	A fir, 15 ins. diam., bears S. 47° E., 23 lks. dist., marked CS 1/16 S1 BT.
	A fir, 12 ins. diam., bears S. $65\frac{1}{2}$° W., 68 lks. dist., marked CS 1/16 S1 BT.
	Ascend 240 ft. over broken S. slope.
32.00	Road from Glendale to Marial, 20 lks. wide, bears NE. and SW.
36.50	Spur, slopes SE.; desc. slightly over NE. slope.
39.90	Point for the center $\frac{1}{4}$ sec. cor. of sec. 1, at intersection with the E. and W. center line.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked

Subdivision of Section 1, T. 33 S., R. 10 W.

Chains	
	C $\frac{1}{4}$ S 1 T 33 S R 10 W 1958
	from which
	A fir, 32 ins. diam., bears S. 21° E., 83 lks. dist., marked C$\frac{1}{4}$ S1 BT.
	A fir, 22 ins. diam., bears S. 84° W., 52 lks. dist., marked C$\frac{1}{4}$ S1 BT.
	Descend slightly over NE. slope.
42.00	Branch, 2 lks. wide, course SE.; asc. 300 ft. over broken S. slope.
59.92	Point for the center N 1/16 sec. cor. of sec. 1.
	Set an iron post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked
	C N 1/16 | S 1 C 1958
	from which
	An oak, 18 ins. diam., bears S. 71$\frac{1}{2}$° E., 89 lks. dist., marked CN 1/16 S1 BT.
	A fir, 26 ins. diam., bears N. 56$\frac{1}{2}$° W., 242 lks. dist., marked CN 1/16 S1 BT.
	Ascend 355 ft. over broken S. slope.
81.46	The $\frac{1}{4}$ sec. cor. of sec. 1 only, on the N. bdy. of the Tp.
	From the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, on the E. bdy. of the Tp.
	N. 89° 53' W., along the E. and W. center line of sec. 1.
	Descend 90 ft. over SW. slope, through timber and undergrowth.
3.50	Quail Cr., 2 lks. wide, course SW.; asc. 75 ft. over broken SE. slope.
34.50	Spur, slopes SW.; desc. 75 ft. over SW. slope.
39.50	Branch, 2 lks. wide, course S.; asc. 15 ft. over NE. slope.
39.84	The center $\frac{1}{4}$ sec. cor. of sec. 1.
	Ascend 70 ft. over SE. slope.
46.00	Spur, slopes S.; asc. 160 ft. over SE. slope.
79.74	The $\frac{1}{4}$ sec. cor. of secs. 1 and 2.

Remonumentation of Certain Original Corner Points
in T. 33 S., R. 10 W.
(Original corners established by Fred Mensch in 1913)

The following is the remonumentation of certain original corner points, T. 33 S., R. 10 W., Will. Mer., Oregon, as provided for in

Chains

the General Special Instructions, Group No. 350, Oregon, dated May 3, 1957, "Investigation of Collateral or Physical Evidence of Corner Positions and Accessories Followed by Remonumentation of Corner Points, With New Accessories When Needed".

The $\frac{1}{4}$ sec. cor. of secs. 2 and 11, determined at record bearing and distance from the original bearing trees:

A rotted maple snag, bears N. 40° E., 24 lks. dist., with no marks remaining.

A fir, 48 ins. diam., bears S. 34° W., 58 lks. dist., with partial scribe marks visible on opened blaze.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked

$\frac{1}{4}$ S 2 / S 11
T 33 S R 10 W
1958

from which new bearing trees:

A tanoak, 14 ins. diam., bears N. 30° E., 83 lks. dist., marked $\frac{1}{4}$ S2 BT.

A fir, 10 ins. diam., bears S. 49° E., 49 lks. dist., marked $\frac{1}{4}$ S11 BT.

The cor. of secs. 2, 3, 10, and 11, monumented with a basalt stone, 16 x 12 x 6 ins., with no marks remaining, from which the original bearing trees:

An oak, 16 ins. diam., bears N. 36° E., 48 lks. dist., marked BT.

An oak, 24 ins. diam., bears S. 82° E., 50 lks. dist., marked with a healed blaze.

A fir, 48 ins. diam., bears S. 82° W., 44 lks. dist., marked with a healed blaze.

A fallen oak, 18 ins. diam., bears N. 55° W., 68 lks. dist., marked with a rotted blaze.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked

T 33 S R 10 W
S 3 | S 2
S 10 | S 11
1958

from which new bearing trees:

A fir, 6 ins. diam., bears N. 14° E., 46 lks. dist., marked T33S R10W S2 BT.

A fir, 12 ins. diam., bears S. $54\frac{1}{2}$° E., 18 lks. dist., marked T33S R10W S11 BT.

Chains

A fir, 8 ins. diam., bears N. 38½° W., 45 lks. dist., marked T33S R10W S3 BT.

Deposit basalt stone at base of post.

The ¼ sec. cor. of secs. 2 and 3, monumented with a basalt stone, 15 x 10 x 8 ins., marked ¼ on W. face, from which the original bearing trees:

A fallen tanoak, 10 ins. diam., bears S. 15° E., 59 lks. dist., marked with a healed blaze.

A fallen tanoak, 24 ins. diam., bears S. 19° W., 32 lks. dist., marked with a healed blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked

¼
S 3 | S 2
T 33 S R 10 W
1958

from which new bearing trees:

A tanoak, 24 ins. diam., bears N. 68° E., 64 lks. dist., marked ¼ S2 BT.

A fir, 38 ins. diam., bears N. 89½° W., 93 lks. dist., marked ¼ S3 BT.

Deposit basalt stone at base of iron post.

General Description

The portion of township 33 south, range 10 west, included in the resurvey is located about three miles northeasterly from Marial, Oregon, and is traversed by the gravelled road leading from Marial to Glendale. The area is only moderately mountainous, the long slopes seldom exceeding 30°. Elevation above sea level ranges from 1,400 feet to 2,800 feet within this section. Drainage is southerly to the Rogue River about one mile away. Quail Creek, 4 lks. wide, flows southwesterly through the east half of section 1. The soil is rocky clay, yellow to red in color, and several feet deep.

The area has been heavily timbered with ponderosa pine, Douglas fir, tanoak, black oak and madrona, but much of the privately owned timber has been logged. The undergrowth consists of tanoak, scrub black oak, huckleberry, ceanothus, hazel, arrowwood, willow and young timber. Big Meadows, natural prairies, occupy a small part of section 1.

A dwelling is located in the NW¼SW¼ of section 1. No mineral was noted. The mean magnetic declination is 19½° E., with a variation of about 15' due to local attraction.

Form 4—680
(September 1959)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

121

FIELD ASSISTANTS

NAMES	CAPACITY
Frankie Tuckett	Principal Assistant
Lyle H. Warnke	Chainman
James L. Lefler	Rodman
Kelvin E. Murphy	Axeman
Gene Lowden	Axeman
Kenneth F. Schultz	Axeman

CERTIFICATE OF CADASTRAL SURVEYOR

I, Hans W. Thielsen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day of May, 1957 and the 14th day of July, 1958. I have ~~surveyed~~ dependently resurveyed the Seventh Standard Parallel South, portion of the south boundary of township 32 south, range 10 west; and have dependently resurveyed a portion of the east boundary and subdivisional lines, subdivided section 1, and remonumented certain original corner points of township 33 south, range 10 west,

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

March 31, 1960 (Date) — Hans W. Thielsen (Cadastral Surveyor)

(Date) — (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 21 1960, 19__

The foregoing field notes of the ~~survey of~~ dependent resurvey of the Seventh Standard Parallel South, portion of the south boundary of township 32 south, range 10 west; and dependent resurvey of a portion of the east boundary and subdivisional lines, subdivision of section 1, and remonumentation of certain original corner points of township 33 south, range 10 west, Willamette Meridian, Oregon executed by Hans W. Thielsen, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

Donald O. Clement
(Cadastral Engineering Staff Officer)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes.~~

~~(Date) — (Cadastral Engineering Staff Officer)~~

CHAINS

FIELD NOTES

of

Aaron Dyer, George M. Dyer and Henery S de Fremery
Donation Land Claims in T32S R15W WM. OREGON

County Surveyor's Record, Curry County, Oregon

D. C. WAY, PRINTERS, PORTLAND, ORE. 8623A

CHAINS

CHAINS

Donation Land Claims in T32S R15W WM.
Survey by Sewall Trux under Contract dated
December 21 st, 1857.

Aaron Dyer

Notification No. 1070
Claim No. 38, T32S R15W.

Beginning at the SW cor. of C. 38 at a post on the bar between Elk River and the Pacific Ocean; impracticable to raise a permanent mound as it is subject to overflow at high tides. Set a witness corner 5.45 chs. East of the true corner on the right bank of Elk River; drove a charred stake and raised a mound of earth as per instructions.

Thence East between claims 38 & 39. Var. 18°45'E.
3.00 Set up object on the left bank of Elk River; thence over river into line. Measured N35°W 2.00 chs. for a base from which the object on the left bank bears S38°30'W making distance across 2.45 chs.
5.45 Right bank of Elk River, course NNW.
6.50 Dwelling house on line.
7.00 Road, course N. & S.
16.00 Branch 15 lks. wide SW. Enter cultivated field.
21.00 Enter timber bears N. & S.
53.21 Intersect Sec. line; the corner of Secs. 17,18,19, and 20 bears North 2.85 chs.
60.50 Slough, 40 lks. wide S.
68.00 Set post for corner of claims 38 and 39. from which;
An Alder 18" diam. bears N1°W 57 lks.
An Alder 20" diam bears S28°E 34 lks.
North between claims 38 & 39.

2.96 Intersect Sec. Line. The corner of Sections 17,18,19,and 20 bears West 14.80 chs.
16.00 Branch 25 lks. wide SW.
23.60 Set post for corner of claims 38 & 39; from which:
A Spruce 24" diam. bears S69°W 42 lks.
A Spruce 24" diam. bears S80°E 20 lks.
A Spruce 20" Dia. bears N37°W 46 lks.
West on North boundary of C. 38.

14.75 Intersect Sec. Line. The corner of secs. 17,18,19 & 20 bears South 20.70 chs.
28.00 Set post for corner of C. 38 from which;
An Alder 15" diam. bears N67°E 18 lks.
An Alder 12" Diam. bears N40°W 29 lks.
An Alder 10" dia. bears S24°W 40 lks.

North on the east boundary of C. 38.
13.25 Branch 6 lks. wide SW.
40.00 Set Post for cor. of C. 38; from which;
A Spruce 40" dia. bears S55°W 49 lks.
A Spruce 10" dia. bears N73°W 28 lks.
A Spruce 8" dia. bears N72°E 38 lks.
West on the North boundary C. 38.

16.75 Branch 10 lks. wide SSW.
35.00 Enter open timber & prairie N. & S.
40.15 Intersect West boundary of C38 and set post for corner; from which;
A Pine 15" dia. bears N27°W 22 lks.
A Pine 15" dia. bears S33°E 97 lks.
A Fir 24" dia. bears N75°E 48 lks.
South on the west boundary of C. 38.

13.00 Trail course SE., & NW.
53.94 Top of bluff on the right bank of Elk River.

CHAINS

Chained S26°E 8.32 chs. for base from which anobject on line on left bank of Elk River bears West, making the distance across on line 7.48 chs.
(Note) From the south end of this course a Pine BT to meander Cor. between Secs. 18 & 19 in Secs. 18 bears N24°E 100 lks.
61.42 To the object on Right bank of Elk River NNW.
63.88 To the place of beginning.

Contains 321.48 acres.

George M.Dyer Donation Land Claim

Notification No. 1071.
Claim No. 39 T32S R15W.
Beginning at the SW. cor. pf C 38. Set a witness corner 5.45 chs. East of true corner; drove a charred stake and raised a mound of earth as per instructions.
Thence South on the W Boundary of C. 39. Var. 18°40'E.

16.54 Set a post for the corner of Claim 39; drove a charred stake and raised a mound of earth as per instructions.
East on the S. boundary of C. 39.
3.50 Set up an object on the left bank of Elk River ; thence over river into line; measured south 5.00 chs. for a base, from which the object on the left bank bears N38°45'W making the distance across 4.01 chs.
7.50 NW corner of C. 40 on the right bank of Elk River, course NNW.
16.00 Right bank of slough; measured S37°E, 1.30 chs. for a base and set up an object. Over slough into line. The object on right bank of slough bears S52°30'W., making the distance across slough 2.13 chs.
18.00 Left bank of slough, course SE.
21.48 Left bank of slough, course NW.
Set up object; thence over slough into line; measured N42°W 1.57 chs. for base, from which the object on left bank bears S7°15'W., making the distance across 1.20 chs.
22.68 Right bank of slough NW.
43.75 Slough, 40 lks. wide south.
47.50 NE, corner of C. 40.
53.44 Intersect Sec. line. The corner of Secs. 17,18,19 & 20 bears North, 19.27 chs.
67.25 Slough, 50 lks. wide, North.
80.00 Set corner to Claim 39; from which
A Fir 22" dia. bears N45°W 43 lks.
A Fir 20" dia. bears N66°E 56 lks.
A Vine Maple 4" dia. bears S49°W 8 lks.

North on East boundary of C. 39.
19.30 Intersect Sec. line. The ¼ Sec. Corner between Secs 17,& 20 bears East 13.12 chs. (Note the witness of this ¼ corner bears North 50 lks from the point above noted)
40.00 Set post for the NE corner of C 39; from which;
A Spruce 24" dia. bears S25°W 27 lks.
An Alder 18" dia. bears S70°E 62 lks.
A Vine Maple 6" dia. bears N45°W 56 lks.
West on the N boundary of C. 39.

7.50 Branch 8 lks. wide course S.
11.80 Set post for corner from which
A Spruce 24" dia. bears S69°W 42 lks.
A Spruce 24" dia. bears S80°E 20 lks.
A Spruce 20" dia. bears N47°W 46 lks.
South between claims 38 & 39.

7.60 Branch, 25 lks. wide course SW.
20.64 Intersect sec. line. The corner of Secs. 17,18,19 & 20 bears West 14.80 chs.

23.60 Set corner to Cls. 38 & 39 from which
An Alder 18" dia. bears N1°W 57 lks.
An Alder 20" dia. bears S28°E 34 lks.
West on the North boundary of C. 39.

CHAINS	
14.79	Intersect Sec. line. The corner of Secs. 17,18,19 &20 Bears North 2.85 chs.
68.00	To the place of beginning.
	Contains 159.44 acres.

Henery S. de Fremery Donation Land Claim
Notification No. 1069
Claim No. 40 T32S R15W
Beginning at a post on the south boundary of C. 39; from which;
A Willow 4" dia. bears S66°E. 17 lks.
A Willow 4" dia. bears. N62°E 13 lks.
A Willow 9" dia. bears S42°W 38 lks.
Thence South on the east boundary of C. 40. Var. 18°45'E.

4.50	Slough 50 lks. wide ESE.
7.00	Slough 50 lks. wide SW.
12.95	Right bank of Elk River. Set up object; thence over river into line; measured east 1 ch. for base, from which the object on the right bank bears N46¼°W., making the distance across 95 lks.
13.90	To a bar in river.
16.00	Left bank of Elk River SW.
40.00	Set post for corner of C. 40 from which; A Spruce 12" dia. bears N80°W 37 lks. A Spruce 12" dia. bears N20°E 50 lks. A Spruce 10" dia. bears S56°E 4 lks. West on the south boundary of C. 40.
9.60	Branch 6 lks. wide S.
33.50	Enter prarie N. & S.
34.00	Trail from Port Orford to Randolph, course NNW.
37.00	Set witness corner on the shore of Pacific Ocean; drove a charred stake and raised a mound of earth as per instructio Note: from this corner the meander corner between Secs. 19 & 30 bears S8°30'E 22.09 chs.
40.00	True corner of claim No. 40 on the beach below high watermark. North on the West boundary of C. 40.
26.50	Trail from Port Orford to Randolph, course NNW.
28.00	Left bank of Elk River, course NNW, measured N40°W., 4.00 chs. for a base, from which an object on the line on the right bank bears N34°15'E making the distance across on line 6.86 chs.
34.86	Right bank of Elk River, course N10°W.
39.78	Intersect the south boundary of C 39. Set post for corner of C. 40; drove a charred stake and raised a mound of earth as per instructions. East on the north boundary of claim 40.
40.00	To the place of beginning
	Contains 159.56 acres.

County Surveyor's Record, Curry County, Oregon

D. C. WAY, PRINTERS, PORTLAND, ORE. 86234

CHAINS

Field Notes of the William Tichenor D.L.C.No.37 in Tps.32&33 S.,R.15W
Survey by Sewall Truax under his Contract No.85 dated December 21, 1857

S. C. WAY, PRINTERS PORTLAND, ORE. 60634

CHAINS Notification No. 929.

Claim No. 37, T.33 S., R. 15 W.

Claim No. 37, T.32 S., R. 15 W.

Beginning at a post at the S.E. corner of said claim on the shore of Port Orford Bay, from which

A spruce, 40 ins. diam., bears N.29°E. 218 lks.

Raised a mound of rock 4 feet square at the base.

Thence along the meanders of the shore of bay

N.81°W. 4.58 chs. to the meander corner between secs.4 and 5.

S.65°W. 1.63 "

S.45°W. 10.00 "

N.45°W. 7.00 "

West 4.00 "

S.69°W. 9.00 "

S.30°W. 7.40 " to a post for corner of shore of bay.

Raised a mound of rock 4 feet square at the base.

West on the S. boundary of C. 37.

Var.18°45'E.

3.40 Set post for corner, from which

A pine, 6 ins.diam., bears South 55 lks.

" " 6 " " " N.66°W. 29 lks.

" " 7 " " " N.45°W. 30 lks.

No tree near in the claim.

North on W. Boundary of C. 37

9.75 Road, course E. and W.

62.75 Branch, 6 lks. wide, W.

70.50 Intersect sec. line. The meander corner on the bank of the lagoon bears West 5.30 chs.

80.00 Bank of the lagoon. Set up object. Over lagoon into line. Measure N.80°E. 4.80 chs. for base, from which the object on opposite side of the lagoon bears S.24°W. making dist. across 9.79.

89.79 North Bank of Lagoon

139.79 Set post for corner, from which

A cedar, 12 ins.diam., bears N.67°W. 80 lks.

" " 6 " " " N.65°E. 41 "

Field Notes of the William Tichenor D.L.C.No.37 in Tps.32 & 33 S., R.15W.
(cont.)

CHAINS

A fir, 10 ins.diam., bears S.50°E. 46 lks.

East on the north boundary of C.37.

15.25 Branch, 6 lks. wide, SE.

23.75 Road, N. and S.

32.18 Intersect sec. line. The corner of secs. 28, 29, 32 and 33 bears North 9.73 chs.

72.78 Set post for the N.E. cor. of C. 37, from which

A fir, 7 ins.diam., bears S.74°W. 18 lks.
" " 20 " " " N.10°W. 36 "
" " 24 " " " N.64°E. 54 "

South on the east boundary of C. 37.

39.80 Set post for corner of C. 37, from which

A fir, 40 ins.diam., bears S.54°E. 20 lks.
" " 8 " " " S.51°W. 38 "
" " 30 " " " N.26°W. 40 "

West on the S. boundary of C. 37.

35.25 Set a post for corner, from which

A fir, 30 ins.diam., bears S.34°W. 31 lks.
" " 7 " " " N.43°W. 39 "
A cedar, 16 ins.diam., " S.59°E. 29 "

South on the east boundary of C. 37.

29.58 Intersect sec. line. The corner of secs. 4, 5, 32 and 33 bears West 4.59 chs.

35.25 Branch, 3 lks. W., course W.N.W.

87.55 " 5 " " " SW.

88.75 To the place of beginning.

June 16th, 1858.

Claim 37, T. 32 S., R. 15 W., contains 400.14 a.

Claim 37, T. 33 S., R. 15 W., contains 237.20 a.

CHAINS

FIELD NOTES

of

Claim No. 37, T30S R15W. WM. Oregon
as surveyed by Albert R. Buttolph under Contract
dated February 6th, 1861.

Shipman H. Crouch

U. S. WAR PRINTERS PORTLAND, ORE. 3623A

CHAINS

Not. No. 1034, Claim No. 37, containing 160 acres in Secs. 34 & 35 of T30S R15W WM.
Beginning at a point in Sec. 35, 3.50 chs. N and 18 chs. East of the SE. Corner ofSec. 34.

Set post for SE. corner of C, 37: from which

A Fir 3' diam. bears N45°W, 56 lks.
A Fir 20" diam. bears N80°E 11 lks.

Thehce North on East boundary of C. 37. Variation 19°E
15.00 Set a post for corner of C. 37 from which:

An alder 5" diam. bears S40°W 36 lks.
A Fir 16" diam. bears S45°E 122 lks.

Thence West on N boundary of C. 37.
18.00 Line between Secs. 34 & 35, 18.50 chs. N of Sec. Corner.
33.56 Set a post for corner of C. 37, from which:

A Pine 14" diam. bears N60°E 322 lks.
A Pine 22" diam. bears N48°W 420 lks.

Thence North on East boundary of C. 37.
21.50 Set a post for corner of C. 37 from which:

A Cedar 10" diam. bears N35°E 57 lks.
A Fir 16" diam. bears S60°W 83 lks.

Thence West on North boundary of C. 37.
30.00 Set a post for NW corner of C. 37 from which:

A Willow 5" diam. bears N81°W 25 lks.
A Willow 3" diam. bears S29°E 59 lks.

Thence South on West boundary of C. 37.
25.00 A deep swamp interspread with numerous beaver dams; it is impossible to establish the SW. corner of this claim., it occurring in the swamp. I therfore at this point set a post for witness corner, 11.50 chs. North of true corner; from which:

A Willow 6" diam. Bears S55°W 7 lks.

From witness point I run East to avoid swamp 29.15 chs. thence South 11.50 chs. to an Alder tree, 6" diam. from this point East on South boundary of C. 37, including whole distance from SW. corner of C. 37.
39.65 Fence bears N. & S.
40.15 New house bears North, 100 lks.
45.65 Intersect line between Secs. 34 & 35, 3.50 chs. North of Sec. Corner.
63.65 Intersect at beginning corner.

The larger portion of this claim is good grazing land.

Soil 2nd. rate.

Scattering timber of Pine, Fir, and Cedar.

Surveyed Aug. 5th, 1861.

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 112.
SITUATED IN THE
Siskiyou NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6
in
Sections 15, 16, surveyed, Township 33S., Range 9 W. and
Sec. 22, unsurveyed in T. 33 S., R. 9 W.,

of the
Willamette Meridian.
Oregon

Survey executed by Norman C. White, Asst. Forest Ranger

Under special instructions dated January 26, 1914

Survey commenced August 12, 1914

Survey completed August 18, 1914

Under Acts of June 11, 1906 - June 30, 1914.

Applicant for listing Henry Rosenbrook,

Residence Dothan, Oregon.

Application No. 170, dated June 1, 1910

List. No. 6-216, dated November 9, 1910

Applicant for survey Henry Rosenbrook,

Residence Marial, Oregon.

H. E. No. 07422, dated May 25, 1911.

Land district Roseburg, Oregon.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. February 29, 1916

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Norman C. White, Asst. Forest Ranger in surveying all those parts or portions of Homestead Entry Survey No. 112, in surveyed Sections 15 & 16, Township 33 S., Range 9 W., unsurveyed Section 22, Township 33 S., Range 9 W., of the Willamette meridian, 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

(signed) Erwin Wills Chainman
(signed) T. E. Hulbert "

Subscribed and sworn to before me this 20th day of August, 1914.

(signed) P. B. Colvig
Notary Public

(SEAL)

OATH OF SURVEYOR

I, Norman C. White, Asst. Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 26, 1914, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~upon the application of~~ embraced in List, No. 6-216, dated Nov. 9, 1910, for patent, under the Act of June 11th., 1906, the same to be known as Homestead Entry Survey No. 112, situated within the Siskiyou National Forest, in surveyed Sections 15, 16, Township 33 S., Range 9 W., and unsurveyed Section 22, Township 33 S., Range 9 W. 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.

(signed) Norman C. White
Asst. Forest Ranger

Subscribed and sworn to before me this 27 day of February, 1915.

(SEAL) (signed) Daniel F. Brennan
Notary Public for Oregon

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

SURVEY commenced August 12, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12266, 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 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 28, 1914.

All measurements, unless otherwise specified, are made with a $\frac{1}{4}$ inch steel tape, two 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 12, 1914: At the $\frac{1}{4}$ sec. cor. bet. secs. 15 and 16, T. 33 S., R. 9 W., W.M., in lat. 42°41' N., long. 123°44' W., which is a stone, firmly set, marked and witnessed as described by the surveyor general, at 4 p.m., l.m.t.,

I set off 42° 41' N. on the lat. arc; 15°02' N. on the decl. arc and determine a meridian with the solar and mark the line thus determined by a groove in a stone set in the ground, 7 chs. N. of cor.

At this cor., at 10^h10^m p.m., l.m.t., I observe Polaris at eastern elong., and mark the line thus determined by a tack driven in a peg set in the ground 7 chs. N. of cor.

August 12, 1914.

August 13, 1914: At 7 a.m., l.m.t., I lay off the azimuth of Polaris 1°34' to the west, and mark the true meridian thus determined by a groove in the stone already set, 7 chs. N. of my station, which point falls 0.2 ins. east of the mark determined by the solar.

At 7^h30^m a.m., l.m.t., I set off 42°41' N. on the lat. arc; 14°50' N. on the decl. arc, and determine a meridian with the solar and mark the point thereof with a chisel mark on the stone already set 7 chs. N. of the cor.;

the point falls 0.2 ins. west of the meridian determined by Polaris observation.

The solar apparatus by a.m. and p.m. observations defines positions for the meridian within one minute of each other, therefore I conclude that the adjustments of the instrument are satisfactory.

August 13, 1914: At above described cor., I set off 14°46' N. on the decl. arc, and at 12^h05^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°41' N., long. 123°44' W.

The magnetic bearing of the true meridian at 8 a.m., l.m.t., is N. 20°43' W.; the angle thus determined gives the magnetic decl. 20° 43' E., and mean magnetic decl. 20°37' E.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

RETRACEMENTS

August 13, 1914: Preliminary to the survey of this Homestead Entry, I make the following retracements:

Commencing at the $\frac{1}{4}$ cor. bet. secs. 15 and 16, above described, I run S. 0° 02' E. (recorded course), retracing line bet. secs. 15 and 16.

39.95 Fall 5 lks. W. of cor. of secs. 15, 16, 21 and 22, a basalt stone, firmly set, marked and witnessed as described by the surveyor general.

(The true course of this line is S. 0°06' E., 39.95 chs.)

From this sec. cor., I return on true line N. 0°06' W., and at 17.90 chs., set a temporary cor. for cor. No. 13 of this survey, and at 39.55 chs., set a temporary cor. for cor. No. 1 of this survey.

August 13, 1914.

August 14, 1914: From the cor. of secs. 14, 15, 22 and 23, which is a basalt stone, firmly set, marked and witnessed as described by the surveyor general,

I sight to the $\frac{1}{4}$ cor. bet. secs. 15 and 22, and run

N. 89° 57' W., on a true line,

39.94 Intersect the $\frac{1}{4}$ cor. bet. secs. 15 and 22, a basalt stone, firmly set, marked and witnessed as described by the surveyor general.

At this $\frac{1}{4}$ cor., I set off 14°28' N. on the decl. arc, and at $12^h04\frac{1}{2}^m$, l.m.t., observe the sun on the meridian; the resulting lat. is 42°41' N.

Thence I run

N. 89°57' W., retracing line bet. secs. 15 and 22, and at 51.05 chs., set a temporary cor. for cor. No. 10 of this survey.

79.95 Intersect cor. of secs. 15, 16, 21 and 22, heretofore described.

August 14,1914.

H. E. S. NO. 112

August 15, 1914: At a point on the section line, 40 lks. S. 0°06' E. of the $\frac{1}{4}$ cor. bet. secs. 15 and 16, heretofore described, which is on the blazed line bet. cors. 6 and 7 of listing survey, properly identified,

Set a basalt stone, 24x10x5 ins., 14 ins. in the ground, over fragments of glass for cor. No. 1 of this survey, marked C C on SW. face, and 1 HES 112 on side facing the claim; from which

A pine, 8 ins. diam., bears S. 6°36' E., 154 lks. dist., marked 1 HES 112 CC BT, with a nail for bearing point.

A pine, 16 ins. diam., bears S. 37°18' W., 118 lks. dist., marked 1 HES 112 CC BT, with a nail for bearing point.

Dig pit, 18x24x12 ins., crosswise on section line 3½ ft. dist., S. of cor.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Dig pit, 24x30x12 ins., crosswise on homestead boundary line, 7 ft. dist., SW. of cor.
	Raise a mound of earth, 4 ft. base, 2 ft. high, SW. of cor., 3 ft. dist.
	Thence I run
	N. 45°26' E., on a random line, as marked by listing surveyor, and at 42.37 chs., intersect cor. No. 7 of listing survey.
	Returning to cor. No. 1, above described, I run
	N. 45°26' E., on a true line.
	Gradual ascent, over rolling prairie, sloping S.
13.65	Enter yellow pine timber.
30.75	West Fork trail, bears N. and S.
38.70	To cor. No. 2 (385 ft. above cor. No. 1), which is S. 45°26' W., 3.67 chs. from cor. No. 7 of listing survey, which I destroy.
	Note:- In order to keep the latitudinal length of the claim within the prescribed limit of one mile, it is necessary to establish cor. No. 2 at the point stated.
	Set a porphyry stone, 24x12x8 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 112 on side facing the claim; from which
	A yellow pine, 10 ins. diam., bears S. 37° E., 92 lks. dist., marked X 2 HES 112 B T
	A yellow pine, 14 ins. diam., bears S. 20°05' W., 74 lks. dist., marked X 2 HES 112 B T
	Thence I run
	S. 59°12' E., on a true line. (This bearing arbitrarily taken with the view to keeping the area within the allowable limit of 160 acres.)
	Descend through pine timber.
3.70	Leave timber; enter swamp, 100 ft. below cor. No. 2
9.02	Leave swamp; enter timber.
10.12	To cor. No. 3, on line bet. cors. 8 and 9 of listing survey, and S. 40°05' W., 95 lks. from cor. No. 8 of listing survey, which I destroy;
	Set a porphyry stone, 24x10x6 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 112 on side facing the claim; from which
	A fir, 6 ins. diam., bears N. 16°10' W., 31 lks. dist., marked X 3 HES 112 B T
	A pine, 28 ins. diam., bears S. 38°15' E., 19 lks. dist., marked X 3 HES 112 B T
	Raise a mound of earth and stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	August 14, 1914: At this cor., I set off 14°09' N. on the decl. arc, and at 12^h04^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°41' N.
	Thence I run
	S. 40°00' W., on a random line, and at 20.06 chs. fall 3 lks. S.50°00' E. of cor. No. 9 of listing survey.
	(The true course of this line is S. 40°05' W., 20.06 chs.)
	Returning to cor. No. 3 of this survey, above described, I run
	S. 40°05' W., on a true line.
	Ascend through fir, pine, oak and madrona timber and undergrowth.
3.00	Top of ascent, 25 ft. above cor.
7.00	South end of swamp, bears N. 2.00 chs. dist., and head of creek; descend through open fir and pine.
11.05	Trail, bears N. and S.
15.15	Sled road, bears E. and W.
17.10	Creek, 3 lks. wide, course S., 125 ft. below cor.
17.25	Rail fence, bears S. 70° W.
18.05	Ascend 40 ft. above creek.
18.50	Over level land, through thicket of young fir, madrona and manzanita brush.
20.06	To cor. No. 4, identical with cor. No. 9 of listing survey. I Destroy all old markings.
	A pine tree, 14 ins. diam., which I square and mark 4 HES 112 on side facing the claim for cor. No. 4 of this survey; from which
	A yellow pine, 30 ins. diam., bears S. 15°10' W., 103 lks. dist., marked X 4 HES 112 B T
	A fir, 10 ins. diam., bears N. 32°20' W., 38 lks. dist., marked X 4 HES 112 B T
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	Thence I run
	S.12°00' W., on a random line, and at 9.55 chs. fall 1 lk. S. 78°00' E. of cor. No. 10 of listing survey.
	(The true course of this line is S. 12°04' W., 9.55 chs.)
	Returning to cor. No. 4 of this survey, above mentioned, I run
	S. 12°04' W., on a true line
	Over level land, through open and scattering yellow pine.
6.00	Brow of hill; descend.
9.55	To cor. No. 5 (100 ft. below cor. No. 4), identical with cor. No. 10 of listing survey, which I destroy, and in its place

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Set a porphyry stone, 26x14x10 ins., 16 ins. in the ground, over a stone, marked with a cross for cor. No. 5 of this survey, marked 5 HES 112 on side facing the claim; from which
	A yellow pine, 34 ins. diam., bears S. 1°36' W., 82 lks. dist., marked X 5 HES 112 B T
	A yellow pine, 60 ins. diam., bears N. 57°44' W., 135 lks. dist., marked X 5 HES 112 B T
	Raise a mound of earth and stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	August 15, 1914
	August 16, 1914: From cor. No. 5 of this survey, heretofore described, I run
	S. 41°00' E., on a random line, and at 33.53 chs., fall 13 lks. N. 49°00' E. of cor. No. 11 of listing survey.
	(The true course of this line is S. 40°47' E., 33.53 chs.)
	Returning to cor. No. 5 of this survey, above described, I run
	S. 40°47' E., on a true line.
	Descend through open yellow pine.
12.00	Enter mixed stand of scattering pine, manzanita, and madrona and dense undergrowth.
25.15	Rail fence, bears SW.
25.25	Ditch, 2 lks. wide, course SW.
26.25	Leave timber and undergrowth; enter clearing.
33.00	Rail fence, bears S. 30° W.
33.53	To cor. No. 6 (550 ft. below cor. No. 5), identical with cor. No. 11 of listing survey, which I destroy, and in its place
	Set a porphyry stone, 24x14x12 ins., 14 ins. in the ground, over fragments of glass for cor. No. 6 of this survey, marked 6 HES 112 on side facing the claim; from which
	A fir, 16 ins. diam., bears S. 16°30' W., 12 lks. dist., marked X 6 HES 112 B T
	A madrona, 20 ins. diam., bears S. 73°05' W., 49 lks. dist., marked X 6 HES 112 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	Thence I run
	S. 26°00' E., on a random line, and at 15.26 chs. fall 16 lks. N. 64°00' E. of cor. No. 1 of listing survey.
	(The true course of this line is S. 25°24' E., 15.26 chs.)
	Returning to cor. No. 6 of this survey, above described, I run
	S. 25°24' E., on a true line.
	Descend through fir timber and dense undergrowth.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
8.60	Leave timber and undergrowth; enter slashing.
9.15	Rail fence, bears S. 60° W.
12.41	To cor. No. 7 (225 ft. below cor. No. 6).
	Intersect the line bet. secs. 15 and 22, N. 89°57' W., 31.56 chs. dist. from the cor. of secs. 14, 15, 22 and 23, and S. 89°57' E., 8.38 chs. dist. from the $\frac{1}{4}$ cor. bet. secs. 15 and 22.
	At point of intersection,
	Set a porphyry stone, 24x14x6 ins., 14 ins. in the ground, over fragments of glass, for closing corner and cor. No. 7 of this survey, marked C C on NW. face, and 7 HES 112 on side facing the claim; from which
	A fir, 12 ins. diam., bears S. 34°06' W., 43 lks. dist., marked 7 HES 112 C C B T
	A fir, 12 ins. diam., bears N. 50°29' W., 30 lks. dist., marked X 7 HES 112 C C B T
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3½ ft. dist., on line NW. of cor.
	August 16, 1914: At this cor., I set off 13°50' N. on the decl. arc, and at 12^h04^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°41' W.
	Thence I run
	S. 25°24' E., on a true line.
	Descend through heavy fir second growth and undergrowth.
2.85	To cor. No. 8 (65 ft. below cor. No. 7), identical with cor. No. 1 of listing survey, which I destroy, and in its place
	Set a porphyry stone, 24x16x14 ins., 14 ins. in the ground, over fragments of glass, for cor. No. 8 of this survey, marked 8 HES 112 on side facing the claim; from which
	A fir, 8 ins. diam., bears N. 51°50' W., 37 lks. dist., marked X 8 HES 112 B T
	A madrona, 20 ins. diam., bears N. 73°53' W., 37 lks. dist., marked X 8 HES 112 B T
	Raise a mound of earth and stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	Thence I run
	S. 58°00' W., on a random line, and at 18.78 chs. fall 45½ lks. S. 32°00' E. of cor. No. 2 of listing survey,
	(The true course of this line is S. 59°23' W., 18.79 chs.)
	Returning to cor. No. 8 of this survey, above described, I run
	S. 59°23' W., on a true line.
	Ascend along broken hillside, through scattering fir, oak and madrona timber and dense undergrowth.
2.00	Top of spur, slopes S. 50 ft. above cor. No. 8; descend.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
7.15	Gulch, 50 ft. below spur; ascend.
8.50	Top of spur, slopes S., 50 ft. above gulch; descend.
13.60	Trail from Henry Rosenbrook's to Rogue River, bears N. 10° E., and S. 10° W.
	Through scattering second growth of black oak and undergrowth.
18.79	To cor. No. 9, identical with cor. No. 2 of listing survey, which I destroy, and in its place
	Set a porphyry stone, 24x16x14 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 9 of this survey, marked 9 HES 112 on side facing the claim; from which
	An oak, 10 ins. diam., bears N. 53°00' E., 63 lks. dist., marked X 9 HES 112 B T
	An oak, 8 ins. diam., bears N. 11°00' E., 54 lks. dist., marked X 9 HES 112 B T
	Raise a mound of earth and stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	August 16, 1914.
	August 17, 1914: From cor. No. 9 of this survey, heretofore described, I run
	N. 22°00' W., on a random line, and at 19.86 chs. fall 40 lks. S. 68°00' W. of cor. No. 3 of listing survey.
	(The true course of this line is N. 20°51' W., 19.86 chs.)
	Returning to cor. No. 9 of this survey, above described, I run
	N. 20°51' W., on a true line.
	Ascend through fir, oak and madrona timber.
	Rail fence, bears NW. and SE.
13.03	To cor. No. 10 (250 ft. above cor. No. 9).
	Intersect the line bet. secs. 15 and 22, N. 89°57' W., 11.11 chs. dist. from the ¼ cor. bet. secs. 15 and 22, and S. 89°57' E., 28.90 chs. dist. from the cor. of secs. 15, 16, 21 and 22.
	At point of intersection
	Set a porphyry stone, 24x12x8 ins., 14 ins. in the ground, over a stone marked with a cross for closing cor. and cor. No. 10 of this survey, marked C C on SE. face, and 10 HES 112 on side facing the claim; from which
	A fir, 12 ins. diam., bears N. 43°42' E., 18 lks. dist., marked 10 HES 112 C C B T
	A madrona, 12 ins. diam., bears S. 67°00' E., 30 lks. dist., marked 10 HES 112 C C B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., on line SE. of cor.
	Thence I run
	N. 20°51' W., on a true line.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Ascend through fir and oak and madrona timber and dense undergrowth.
2.00	Leave undergrowth.
6.33	To cor. No. 11 (170 ft. above cor. No. 10), identical with cor. No. 3 of listing survey, which I destroy, and in its place
	Set a porphyry stone, 26x14x10 ins., 16 ins. in the ground, over a cut iron spike, for cor. No. 11 of this survey, marked 11 HES 112 on side facing the claim; from which
	An oak, 28 ins. diam., bears N. 1°34' E., 26 lks. dist., marked X 11 HES 112 B T
	A pine, 30 ins. diam., bears N. 41°42' W., 29 lks. dist., marked X 11 HES 112 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	August 17, 1914: At this cor., I set off 13°31' N. on the decl. arc, and at 12^h04^m, l.m.t., observe the sun on the meridian; the resulting lat, is 42°41' N.
	Thence I run
	N. 28°00' W., on a random line, and at 12.97 chs. fall 13 lks. S. 62°00' W. of cor. No. 4 of listing survey.
	(The true course of this line is N. 27°25' W., 12.97 chs.)
	Returning to cor. No. 11 of this survey, above described, I run
	N. 27°25' W., on a true line.
0.62	Trail, bears NW. and E., thence along W. slope through brush.
4.50	Ascend through fir, oak and madrona timber and dense undergrowth.
9.70	Trail, bears NW. and SE.
12.97	To cor. No. 12 (175 ft. above cor. No. 11), identical with cor. No. 4 of listing survey, which I destroy, and in its place
	Set a porphyry stone, 24x12x5 ins., 14 ins. in the ground, over a cut spike, for cor. No. 12 of this survey, marked 12 HES 112 on side facing the claim; from which
	A fir, 12 ins. diam., bears N. 11°30' E., 67 lks. dist., marked X 12 HES 112 B T
	A fir, 16 ins. diam., bears S. 59°52' E., 50 lks. dist., marked X 12 HES 112 B T
	Raise a mound of earth and stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	August 17, 1914.
	August 18, 1914: From cor. No. 12 of this survey, heretofore described, I run
	West, on a random line, and at 22.11 chs. fall 1 lk. N. of cor. No. 5 of listing survey.
	(The true course of this line is S. 89°58' W., 22.11 chs.)

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Returning to cor. No. 12 of this survey, above described, I run
	S. 89°58' W., on a true line
	Through fir, oak and madrona timber and dense undergrowth.
0.10	Rail fence, bears N. 70° E., and S. 70° W.
4.35	Brush fence, bears N. 20° W., and S. 20° E.
5.25	Creek, 3 lks. wide, course S., 40 ft. below cor. No. 12; ascend.
10.55	Trail, bears N. and S.
10.85	Top of spur, slopes S., 90 ft. above creek; descend.
12.67	Trail, from S. 70° E., and thence along line.
17.70	Leave trail, bears SW.
20.37	Trail, bears N. 15° W., and S. 15° E., 50 ft. below beginning of descent; ascend.
20.57	To cor. No. 13 (50 ft. above trail).
	Intersect the line bet. secs. 15 and 16, N. 0°06' W., 17.90 chs. dist. from cor. of secs. 15, 16, 21 and 22, and S. 0°06' E., 21.65 chs. dist. from cor. No. 1 of this survey.
	At point of intersection,
	Set a porphyry stone, 24x10x8 ins., 14 ins. in the ground, over a stone marked with a cross for closing cor. and cor. No. 13 of this survey, marked C C on E. face, and 13 HES 112 on side facing the claim; from which
	A fir, 10 ins. diam., bears N. 31°16' E., 39 lks. dist., marked X 13 HES 112 C C B T
	A pine, 12 ins. diam., bears N. 53°43' W., 17 lks. dist., marked X 13 HES 112 C C B T
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3½ ft. dist., on line E. of cor.
	Thence I run
	S. 89°58' W., on a true line
	Through dense undergrowth, land level.
1.54	To cor. No. 14, identical with cor. No. 5 of listing survey, which I destroy, and in its place
	Set a porphyry stone, 24x14x6 ins., 14 ins. in the ground, over a cut spike for cor. No. 14 of this survey, marked X 14 HES 112 on side facing the claim; from which
	A fir, 8 ins. diam., bears N. 41°50' E., 22 lks. dist., marked 14 HES 112 B T, with a nail for bearing point.
	A fir, 16 ins. diam., bears N. 15°40' W., 27 lks. dist., marked 14 HES 112 B T, with a nail for bearing point.
	Raise a mound of earth and stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	August 18, 1914: At this cor., I set off 13°12' N. on the decl. arc, and at 12^h04^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°41' N.
	Thence I run
	N. 28°00' W., on a random line, and at 15.07 chs. fall 16 lks. S. 62°00' W. of cor. No. 6 of listing survey.
	(The true course of this line is N. 27°23' W., 15.07 chs.)
	Returning to cor. No. 14 of this survey, above described, I run
	N. 27° 23' W., on a true line.
	Ascend through pine and second growth fir.
3.00	Cross flat.
6.00	Leave flat; enter scattering pine and undergrowth along steep SW. slope.
15.07	To cor. No. 15 (200 ft. above cor. No. 14), identical with cor. No. 6 of listing survey, which I destroy, and in its place
	Set a porphyry stone, 24x10x5 ins., 14 ins. in the ground, over a stone marked with a **cross** for cor. No. 15 of this survey, marked 15 HES 112 on side facing the claim; from which
	A pine, 24 ins. diam., bears N. 76°11' E., 68 lks. dist., marked 15 HES 112 B T, with a nail for bearing point.
	An oak, 10 ins. diam., bears S. 64°20' E., 58 lks. dist., marked 15 HES 112 B T, with a nail for bearing point.
	Raise a mound of stone and earth, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	Thence I run
	N. 45°26' E., on a random line as marked by listing surveyor, and at 11.85 chs., intersect cor. No. 1 of this survey.
	Returning to cor. No. 15 of this survey, above described, I run
	N. 45°26' E., on a true line.
	Ascend 50 ft. to
2.00	Prairie; thence cross flat prairie land.
11.85	To cor. No. 1 of this survey, and place of beginning.
	August 18, 1914.

AREA

In sec. 15	134.89 acres
In sec. 16	10.21 "
In sec. 22	14.58 "
Total area of H.E.S. No. 112	159.68 "

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

IMPROVEMENTS

	Value
A log house, 14x17 ft., with addition of split boards, 12x26 ft., longsides NW. and SE., SE. cor. of which bears N. 85°20' W., 4.33 chs. dist. from cor. No. 7 -	$135.00
A log barn, 30x34 ft., longsides NW. and SE., NE. cor. of which bears S. 77°50' W., 4.36 chs. dist. from cor. No. 7 -	175.00
A log barn, 30x34 ft., longsides NE. and SW., NE. cor. of which bears S. 65°49' W., 11.84 chs. dist. from cor. No. 7 -	150.00
About 6½ acres are under cultivation. Approximately 1½ mile of fencing -	280.00
An orchard of 50 bearing fruit trees -	500.00
Total value of improvements -	$1240.00

GENERAL DESCRIPTION

This claim lies on a high spur, the lower part of which is about 800 ft. above the Rogue River, while the upper is about 1300 ft. higher.

The general slope is southerly, broken by draws and occasional sloping benches.

About one-third of this claim is timbered with fir, pine, oak and madrona, with a dense stand of reproduction and undergrowth. The remainder is open glades on hillside prairie, with occasional clumps of second growth of yellow pine and reproduction.

Hay and oats are the most important crops with a large acreage devoted to pasture; all vegetables do well here as do berries and fruit, used solely for home use.

Sufficient water for all crops and domestic use may be secured from springs and numerous branches on the claim.

The region is generally characterized by long, rainy winters with occasional light fall of snow. Summers are usually cool with one or more short spells of intense heat.

The character of the land is non-mineral.

The nearest post office is Marial, Oregon, about 10 miles NW. of the claim.

West Fork, Oregon, a railroad station on the Southern Pacific R.R., is about 17 miles NE. of the claim.

LOCATION

This homestead entry is located in secs. 15, 16, surveyed, and sec. 22, unsurveyed, in T. 33 S., R. 9 W. of the Willamette Meridian, Oregon.

REPORT

The survey of this homestead embraces an area wholly confined within the listed and entered descriptions.

The disagreements between these field notes and the listed and entered descriptions regarding the course and distances are due

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

to errors in the latter. The course obtained by the solar were checked by the angles of the survey independently read on the horizontal limb.

BOUNDARIES OF H.E.S. NO. 112

LATITUDES, DEPARTURES AND CLOSING ERRORS
(Portion in Sec. 15)

Line Designation	True Bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
Cor. 1	to Cor. 2: N 45°26'E:	38.70	27.16		27.57	
Cor. 2	to Cor. 3: S 59°12'E:	10.12		5.18	8.69	
Cor. 3	to Cor. 4: S 40°05'W:	20.06		15.35		12.92
Cor. 4	to Cor. 5: S 12°04'W:	9.55		9.34		2.00
Cor. 5	to Cor. 6: S 40°47'E:	33.53		25.39	21.90	
Cor. 6	to Cor. 7: S 25°24'E:	12.41		11.21	5.32	
Cor. 7	to Cor.10: N 89°57'W:	19.49	.02			19.49
Cor.10	to Cor.11: N 20°51'W:	6.83	6.38			2.43
Cor.11	to Cor.12: N 27°25'W:	12.97	11.51			5.97
Cor.12	to Cor.13: S 89°58'W:	20.57		.01		20.57
Cor.13	to Cor. 1: N 0°06'W:	21.65	21.65			.04
			66.72	66.48	63.48	63.42

Error in lat. - 24 lks.
Error in dep. - 6 lks.

BOUNDARIES OF H.E.S. NO. 112
(Portion in Sec. 16)

Line Designation	True Bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
Cor. 15	to Cor. 1: N 45°26'E:	11.85	8.32		8.44	
Cor. 1	to Cor.13: S 0°06'E:	21.65		21.65	.04	
Cor. 13	to Cor.14: S 89°58'W:	1.54				1.54
Cor. 14	to Cor.15: N 27°23'W:	15.07	13.38			6.93
			21.70	21.65	8.48	8.47

Error in lat. - 5 lks.
Error in dep. - 1 lk.

BOUNDARIES OF H.E.S. NO. 112
(Portion in Sec. 22)

Line Designation	True Bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
Cor.10	to Cor. 7: S 89°57'E:	19.49		.02	19.49	
Cor. 7	to Cor. 8: S 25°24'E:	2.85		2.57	1.22	
Cor. 8	to Cor. 9: S 59°23'W:	18.79		9.57		16.17
Cor. 9	to Cor.10: N 20°51'W:	13.03	12.18			4.64
			12.18	12.16	20.71	20.81

Error in lat. - 2 lks.
Error in dep. - 10 lks.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

BOUNDARIES OF H.E.S. NO. 112

Line Designation	True Bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
Cor.15 to Cor. 1	N 45°26'E	11.85	8.32		8.44	
Cor. 1 to Cor. 2	N 45°26'E	38.70	27.16		27.57	
Cor. 2 to Cor. 3	S 59°12'E	10.12		5.18	8.69	
Cor. 3 to Cor. 4	S 40°05'W	20.06		15.35		12.92
Cor. 4 to Cor. 5	S 12°04'W	9.55		9.34		2.00
Cor. 5 to Cor. 6	S 40°47'E	33.53		25.39	21.90	
Cor. 6 to Cor. 7	S 25°24'E	12.41		11.21	5.32	
Cor. 7 to Cor. 8	S 25°24'E	2.85		2.57	1.22	
Cor. 8 to Cor. 9	S 59°23'W	18.79		9.57		16.17
Cor. 9 to Cor.10	N 20°51'W	13.03	12.18			4.64
Cor.10 to Cor.11	N 20°51'W	6.83	6.38			2.43
Cor.11 to Cor.12	N 27°25'W	12.97	11.51			5.97
Cor.12 to Cor.13	S 89°58'W	20.57		0.01		20.57
Cor.13 to Cor.14	S 89°58'W	1.54		0.00		1.54
Cor.14 to Cor.15	N 27°23'W	15.07	13.38			6.93
			78.93	78.62	73.14	73.17

Error in lat. - 31 lks.
Error in dep. - 3 lks.

(signed) Norman C. White
Assistant Forest Ranger

August 18, 1914.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon December 27, 1915.

The foregoing field notes of Homestead Entry Survey No. 112 situate in Secs. 15 and 16, T. 33 S., R. 9 W., and unsurveyed Sec. 22, T. 33 S., R. 9 W., W.M., within the Siskiyou National Forest, Oregon,

executed by Norman C. White, Asst. Forest Ranger, under his special instructions, dated January 26, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL)

(signed) Edward G. Worth
U. S. Surveyor General

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 116.
SITUATED IN THE
SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6
in
approximate
Sections 34 & 35, unsurveyed, Township 33 S., Range 11 W.

of the
WILLAMETTE Meridian.
Oregon

Survey executed by Norman C. White, Asst. Forest Ranger.

Under special instructions dated January 26, 1914.

Survey commenced May 6, 1914.

Survey completed May 11, 1914.

Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing F. L. Thomas,

Residence Marial, Oregon.

Application No. 111, dated November 1, 1908.

List No. 6-150, dated July 6, 1909.

Applicant for survey Frank L. Thomas,

Residence Marial, Oregon.

H. E. No. 05903, dated February 26, 1910

Land district Roseburg, Oregon.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. June 1, 1916

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Norman C. White, Asst. Forest Ranger in surveying all those parts or portions of Homestead Entry Survey No. 116, in unsurveyed Section 34, Township 33 S., Range 11 W., unsurveyed Section 35, Township 33 S., Range 11 W., of the Willamette meridian, 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.

Chainman - (signed) D. B. Reynolds
" - (signed) Erwin Wills
Axman - (signed) Geo. L. Thomas

Subscribed and sworn to before me this 11th day of May, 1914.

(signed) Norman C. White
Asst. Forest Ranger.

OATH OF SURVEYOR

I, Norman C. White, Asst. Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 26, 1914, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~upon the application of~~ embraced in List, No. 6-150, dated July 6, 1909, for patent, under the Act of June 11 th., 1906, the same to be known as Homestead Entry Survey No. 116, situated within the Siskiyou National Forest, in unsurveyed Sections 34 & 35, Township 33 S., Range 11 W., 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.

(signed) Norman C. White
Asst. Forest Ranger.

Subscribed and sworn to before me this 27 day of February, 1915.

(SEAL) (signed) Daniel F. Brennan
Notary Public for Oregon

HOMESTEAD ENTRY SURVEY NO. 116 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Survey commenced May 6, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12266, 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 28, 1914.

All measurements were made with a ½ inch steel tape, 2 chains in length, compared with a Chesterman standard steel tape. A clinometer was used to determine slope angles, and measurements 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:

May 6, 1914: At cor. No. 1 of this survey, hereinafter described, I set off 42°39' N. on the lat. arc, 16°32' N. on the decl. arc, and at 4 p.m., l.m.t., determine a meridian with the solar, marking a point thereof by cutting a cross on a rock firmly set in the ground, 7 chs. N. of my station.

May 6, 1914.

May 7, 1914: At this cor., in lat. 42°39' N., long. 123°57' W., at 4^h34^m a.m., l.m.t., I observe Polaris at eastern elongation and mark a point in the line thus determined by setting a tack in a stake firmly driven in the ground alongside the rock previously mentioned, 7 chs. N. of my station.

At this same cor., at 7^h30^m a.m., l.m.t., I lay off the azimuth of Polaris 1°34' to the west, and mark the line thus determined by cutting a cross in the rock 7 chs. N. of my station, which coincides with the meridian determined by the p.m. solar observation.

At this same cor., I set off 42°39' N. on the lat. arc, 16°43' N. on the decl. arc, and at 8 a.m., l.m.t., determine a meridian with the solar, marking a point thereof by cutting a cross on the rock 7 chs. N. of my station, which coincides with the meridian determined by the Polaris observation.

The solar apparatus by p.m. and a.m. observations defines positions for the meridian which coincide with the meridian determined by Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.

May 7, 1914: I set off 16°46' N. on the decl. arc, and at 11^h56^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°39' N., long. 123°57' W.

The magnetic bearing of the true meridian at 8 a.m., l.m.t. is N. 21°15' W.; the angle thus determined gives the magnetic declination 21°15' E. The mean magnetic decl. is 21°11' E.

HOMESTEAD ENTRY SURVEY NO. 116 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

TIE LINE

May 7, 1914: Preliminary to the survey of this Homestead Entry, I make the following connection from cor. No. 1, above mentioned:

S. 25°22' W. 21.78 chs., to the N. ¼ cor. for sec. 2, T. 34 S., R. 11 W., W.M., set by Surveyor Fred Mensch, which is a sandstone, 18x8x6 ins. above ground, firmly set, marked ¼ on N. face; - from which -

A black oak, 10 ins. diam., bears S. 87° E., 262 lks. dist., marked ¼ S 2 B T

A fir, 30 ins. diam., bears S. 21° W., 218 lks. dist., marked ¼ S 2 B T

H. E. S. NO. 116

May 7, 1914: I begin at cor. No. 1 of the Homestead Entry Survey, identical with cor. No. 2 of listing survey, properly identified, which I destroy, and in its place

Set a sandstone, 26x10x8 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, marked 1 HES 116 on side facing the claim; - from which -

A black oak, 20 ins. diam., bears N. 26°15' E., 99 lks. dist., marked X 1 HES 116 B T

A black oak, 20 ins. diam., bears N. 60°30' W., 174 lks. dist., marked X 1 HES 116 B T

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

The north ¼ cor. for sec. 2, T. 34 S., R. 11 W., W.M., bears S. 25°22' W., 21.78 chs. dist.

Thence I run

N. 70°00' W., on a random line, and at 13.72 chs., fall 2½ lks. S. 20°00' W. from cor. No. 3 of listing survey.

(The true course of this line is N. 69°54' W., 13.72 chs.)

Returning to cor. No. 1 of this survey, above described, I run

N. 69° 54' W., on a true line

Through black oak, madrona, scattering fir and undergrowth.

13.72 To cor. No. 2, identical with cor. No. 3 of listing survey, which I destroy, and in its place

Set a sandstone, 26x10x7 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 116 on side facing the claim; - from which -

A madrona, 14 ins. diam., bears N. 39°30' E., 99 lks. dist., marked X 2 HES 116 B T

A madrona, 12 ins. diam., bears S. 88° E., 83 lks. dist., marked X 2 HES 116 B T

HOMESTEAD ENTRY SURVEY NO. 116 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Raise a mound of stone, 4 ft. base, 3 ft. high, 3½ ft. dist., within the claim.
	May 7, 1914.
	May 8, 1914: From cor. No. 2, above described, I run
	N. 31°00' E., on a random line, and at 11.24 chs., fall 4½ lks. N. 59°00' W. of cor. No. 4 of listing survey.
	(The true course of this line is N. 31°14' E., 11.24 chs.)
	Returning to cor. No. 2 of this survey, above described, I run
	N. 31°14' E., on a true line.
	Through fir, madrona, oak and dense undergrowth.
3.65	Trail, bears E. and W.
4.39	Bottom of gulch, course S. 60° W.
5.23	Spring branch, 1 lk. wide, course S. 45° W.
7.00	Leave timber.
8.00	Ascend.
9.64	Rail fence, bears E. and W.
11.24	To cor. No. 3, 90 ft. above beginning of ascent, identical with cor. No. 4 of listing survey, which I destroy, and in its place
	Set a sandstone, 20x12x8 ins., 20 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 116 on side facing the claim; - from which -
	A black oak, 40 ins. diam., bears S. 34°35' E., 85 lks. dist., marked X 3 HES 116 B T
	A black oak, 24 ins. diam., bears S. 87°53' W., 77 lks. dist., marked X 3 HES 116 B T
	Raise a mound of stone and earth, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	May 8, 1914: At this cor., I set off 17°02' N. on the decl. arc, and at 11^h56^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°39' N.
	Thence I run
	S. 76°00' E., on a random line, and at 17.14 chs., fall 15 lks. N. 14°00' E. of cor. No. 5 of listing survey.
	(The true course of this line is S. 75°30' E., 17.14 chs.)
	Returning to cor. No. 3, I run
	S. 75°30' E., on a true line.
3.60	Rail fence, bears S. 60° W., N. 30° E.

HOMESTEAD ENTRY SURVEY NO. 116 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
c.15	Rail fence, bears S. 50° E., N. 50° W.
c.30	Ascend through scattering oak.
17.14	To cor. No. 4, 50 ft. above beginning of ascent, identical with cor. No. 5 of listing survey, which I destroy, and in its place
	Set a sandstone, 32x12x5 ins., 22 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 116 on side facing the claim; - from which -
	A black oak, 11 ins. diam., bears N. 41° E., 73 lks. dist., marked X 4 HES 116 B T
	A yellow pine, 54 ins. diam., bears S. 1° E., 31 lks. dist., marked X 4 HES 116 B T
	Raise a mound of earth and stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	May 8, 1914.
	May 9, 1914: From cor. No. 4, above described, I run N. 12°00'E. on a random line, and at 10.01 chs., fall 2 lks. N. 78°00' W. of cor. No. 6 of listing survey.
	(The true course of this line is N. 12°07' E., 10.01 chs.)
	Returning to cor. No. 4 of this survey, above described, I run
	N. 12°07' E., on a true line.
4.40	Draw, course S. 40° E.
10.01	To cor. No. 5, identical with cor. No. 6 of listing survey, which I destroy, and in its place
	Set a basalt stone, 30x12x4 ins., 20 ins. in the ground, over a stone marked with a cross for cor. No. 5 of this survey, marked 5 HES 116 on side facing the claim; - from which -
	A black oak, 10 ins. diam., bears N. 59°45' E., 50 lks. dist., marked X 5 HES 116 B T
	A black oak, 40 ins. diam., bears S. 8°04' W., 39 lks. dist., marked X 5 HES 116 B T
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	Thence I run
	N. 40°00' E., on a random line, and at 9.98 chs., fall 14 lks. S. 50°00' E. of cor. No. 7 of listing survey.
	(The true course of this line is N. 39°12' E., 9.98 chs.)
	Returning to cor. No. 5 of this survey, above described, I run
	N. 39°12' E., on a true line
	Through scattering fir, oak, madrona and undergrowth.

HOMESTEAD ENTRY SURVEY NO. 116 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
3.98	To cor. No. 6, identical with cor. No. 7 of listing survey, which I destroy, and in its place
	Set a basalt stone, 24x16x12 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 6 of this survey, marked 6 HES 116 on side facing the claim; - from which -
	A fir, 26 ins. diam., bears S. 67°49' E., 89 lks. dist., marked X 6 HES 116 B T
	A fir, 24 ins. diam., bears S. 17°55' W., 61 lks. dist., marked X 6 HES 116 B T
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.

	Thence I sight to cor. No. 8 of listing survey, and run S. 71°51' E. on a true line,
	Descending through scattering fir, oak and madrona.
7.41	To cor. No. 7, 80 ft. below cor. No. 6, identical with cor. No. 8 of listing survey, which I destroy, and in its place
	Set a sandstone, 30x12x5 ins., 20 ins. in the ground, over a stone marked with a cross for cor. No. 7 of this survey, marked 7 HES 116 on side facing the claim; - from which -
	A white oak, 14 ins. diam., bears West, 52 lks. dist., marked X 7 HES 116 B T
	A white oak, 14 ins. diam., bears S. 48°30' W., 135 lks. dist., marked X 7 HES 116 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	May 9, 1914: At this cor., I set off 17°18' N. on the decl. arc, and at 11^h56^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°39' N.

	Thence I run
	S. 39°36' W., on a random line, and at 30.80 chs., fall 3½ lks. S. 50°24' E. from cor. No. 1 of listing survey.
	(The true course of this line is S. 39°40' W., 30.80 chs.)
	Returning to cor. No. 7 of this survey, above described, I run
	S. 39°40' W., on a true line
	Over gently rolling land.
3.58	Gulch, course S. 45° E.
7.83	Draw, course S.
14.58	Draw, 30 ft. deep, course S.
16.00	Enter dense undergrowth.

HOMESTEAD ENTRY SURVEY NO. 116 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
30.80	To cor. No. 8, identical with cor. No. 1 of listing survey, which I destroy, and in its place
	Set a sandstone, 28x9x4 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 8 of this survey, marked 8 HES 116 on side facing the claim; - from which -
	A yellow pine, 28 ins. diam., bears S. 89° W., 137 lks. dist., marked X 8 HES 116 B T
	A fir, 44 ins. diam., bears N. 3° W., 137 lks. dist., marked X 8 HES 116 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	May 9, 1914.
	May 10, 1914: From cor. No. 8 of this survey, above described, I sight to cor. No. 1 of this survey, and run
	S. 74°12' W., on a true line.
2.00	Trail, bears S. 74° W., and N. 74° E.
3.42	Gulch, 20 ft. deep, course S.
5.53	To cor. No. 1, the place of beginning.
	May 10, 1914.

AREA

Total area of H.E.S. No. 116 ---------- 32.68 acres.

IMPROVEMENTS

From cor. No. 8 of this survey, I make ties to improvements as follows:

A log and shake house, 14½x24½ ft., longsides N. 30° E. and S. 30° W., the SE. cor. of which bears N. 48° W., 5.29 chs. dist., value -	$110.00
A log and shake barn, 18x24 ft., longsides S. 65° E., and N. 65° W., the NE. cor. of which bears S. 78° W., 2.32 chs. dist., value -	70.00
One-half mile wire fencing, value -	50.00
One-quarter mile rail fencing, value -	20.00
Forty fruit trees, value -	240.00
Approximately 7 acres land cleared, 4 acres of which is under cultivation, value -	165.00
Total value of Improvements -	$655.00

GENERAL DESCRIPTION

This claim lies on a sloping bench about ½ mile west of the Rogue River and approximately 900 ft. above it. The general slope of this land is SE.

HOMESTEAD ENTRY SURVEY NO. 116 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Scattering timber and undergrowth cover practically all of the claim, except that portion cleared. Timber is fir, pine, oak and madrona, and is of little commercial value. Undergrowth is reproduction of above mentioned trees, snowbrush, hazel and service.

The soil is well adapted to the production of grain, fruit, vegetables and berries. Sufficient water for irrigation and domestic use is provided by springs on the claim.

The character of the land is non-mineral.

The nearest post office is Illahe, 7 miles SW., although the claimant uses Marial, 12 miles NE., as his post office. The nearest town is West Fork, Oregon, 29 miles NE., on the Southern Pacific R.R.

LOCATION

This Homestead Entry is located in approximate secs. 34 and 35, unsurveyed, T. 33 S., R. 11 W., Willamette Meridian, Oregon.

REPORT

The survey of this Homestead Entry embraces an area wholly confined within the listed and entered description.

The disagreements between these field notes and the listed and entered descriptions regarding courses and distances are due to errors in the latter. The courses 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.

BOUNDARIES OF H.E.S. NO. 116
Latitudes, Departures and Closing Errors

True Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
N31°14'E	11.24	9.61		5.83	
S75°30'E	17.14		4.29	16.60	
N12°07'E	10.01	9.79		2.10	
N39°12'E	9.98	7.73		6.31	
S71°51'E	7.41		2.31	7.04	
S39°40'W	30.80		23.71		19.66
S74°12'W	5.53		1.51		5.32
N69°54'W	13.72	4.72			12.88
		31.85	31.82	37.88	37.86

Error in lat. - 3 lks.
Error in dep. - 2 lks.

(signed) Norman C. White
Asst. Forest Ranger

May 11, 1914.

HOMESTEAD ENTRY SURVEY NO. 116 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, February 4, 1916.

The foregoing field notes of Homestead Entry Survey No. 116 situate in approximate secs. 34 and 35, unsurveyed, T. 33 S., R. 11 W., W.M., within the Siskiyou National Forest, Oregon,

executed by Norman C. White, Asst. Forest Ranger, under his special instructions, dated January 26, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General

(SEAL)

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 117
SITUATED IN THE
SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6
in
approximate
Section 1, unsurveyed, Township 34 S., Range 12 W.

of the
Willamette Meridian.
Oregon

Survey executed by Norman C. White, Asst. Forest Ranger.

Under special instructions dated January 26, 1914

Survey commenced May 12, 1914

Survey completed May 20, 1914

Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing N. E. Price,

Residence Illahe, Oregon.

Application No. 53, dated February 17, 1908

List. No. 6-62, dated Dec. 22, 1908.

Applicant for survey Noble E. Price,

Residence Illahe, Oregon.

H. E. No. 05293, dated August 3, 1909.

Land district Roseburg, Oregon.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. March 11, 1916

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Norman C. White, Assistant Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 117, in unsurveyed Section 1, Township 34 S., Range 12 W., of the Willamette meridian, 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.

(signed) D. B. Reynolds Chainman.
(signed) Erwin Wills "
(signed) Geo. L. Thomas Axeman.

Subscribed and sworn to before me this 20th. day of May, 1914.

(signed) Norman C. White.
Asst. Forest Ranger.
(Surveyor)

OATH OF SURVEYOR

I, Norman C. White, Asst. Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 26, 1914, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~upon the application of~~ embraced in List, No. 6-62, dated Dec. 22, 1908, for Patent, under the Act of June 11th., 1906, the same to be known as Homestead Entry Survey No. 117, situated within the Siskiyou National Forest, in unsurveyed Section 1, Township 34 S., Range 12 W., 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.

(signed) Norman C. White.
Asst. Forest Ranger (Surveyor.)

Subscribed and sworn to before me this 27 day of February, 1915.

(SEAL) (signed) Danial F. Brennan
Notary Public for Oregon

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Survey commenced May 12, 1914, and executed with a ... and L. E. Gurley light mountain transit No. 12266, 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 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 28, 1914.

All measurements, unless otherwise specified, are made with a $\frac{1}{4}$ in. steel tape, 2 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:

May 12, 1914: At cor. No. 1 of the Homestead Entry Survey, which is identical with listing survey cor. No. 2 properly identified; at 4^h0^m p.m., l.m.t., I set off 42°39' N. on the lat. arc; 18°08' N. on the decl. arc; and determine a meridian with the solar by cutting a cross on a rock, firmly set in the ground, 6 chs. N. of my station.

May 12, 1914.

May 13, 1914: At this station, in latitude 42°39' N., longitude 124°03' W., at 4^h10^m a.m., l.m.t., I observe Pol. at eastern elongation and mark the line thus determined by a tack in a stake set 6 chs. N. of cor.

May 13, 1914: At cor. No. 1 at 7 a.m., l.m.t., I lay off the azimuth of Pol. 1°34' to the west and mark the line thus determined by a groove in the stone already set 6 chs. N. of my station.

May 13, 1914: At 7^h30^m a.m., l.m.t., I set off 42°39' N. on the lat. arc; 18°18' N. on the decl. arc; and determine a meridian with the solar by marking a point thereof with a chisel mark on a stone already set 6 chs. N. of the cor. This line coincides with the meridian determined by Pol. observation.

The solar apparatus by a.m. and p.m. observations defines positions for the meridian, which coincide with the meridian determined by Pol. observation; therefore I conclude that the adjustments of the instrument are satisfactory.

May 13, 1914: At above mentioned cor., I set off 18°20' N. on the decl. arc; and observe the sun on the meridian at 12^h12^m p.m. by my watch, which is adjusted to standard time of 120 degrees W. Longitude; the resulting lat. is 42°39' N.; longitude 124°03' W.

The magnetic bearing of the true meridian at 8 a.m. is N. 20°55' W.; the angle thus determined gives the magnetic decl. 20°55' E., and mean mag. decl. 20°51' E.

May 13, 1914.

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

May 15, 1914: At cor. No. 1 - H.E.S. No. 117 - in lat. 42°39' N., long. 120°03' W., at 4^h2^m a.m., l.m.t., I observe Pol. at eastern elongation and mark the line thus determined by a tack driven in a stake 6 chs. N. of my station.

May 15: At 7 a.m., l.m.t., I set off the azimuth of Pol. 1°34' to the west and mark the true meridian thus determined by a groove in the rock already set 6 chs. N. of my station. This line coincides with the meridian already established.

May 15. 1914.

RETRACEMENTS.

(Portion of Range line bet. Tps. 34 S., Rs. 11 and 12 W., W.M., Oregon)

May 13, 1914: Preliminary to the survey of this Homestead Entry, I make the following retracements:

Commencing at the cor. of secs. 13, 18, 19 and 24, Tps. 34 S., Rs. 11 and 12 W., W.M., Oregon (the nearest known cor. obtainable), which is a decayed post, marked and witnessed as described by the surveyor general, except that the bearings of the trees do not completely harmonize with the field notes: - no bearing tree recorded for sec. 18 - . I destroy the old post and reestablish the cor. in its original position as follows:

Set a basalt stone, 18x12x7 ins., 12 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked with 3 notches on N. and S. edges with cross on top as chaining point; from which

A madrona, 18 ins. diam., bears S. 34° W., 18 lks. dist., marked T 34 S R 12 W S 24 BT

An oak, 18 ins. diam., bears N. 65° W., 59 lks. dist., marked T 34 S R 12 W S 13 BT

A fir, 10 ins. diam., bears S. 25° E., 65 lks. dist., marked T 34 S R 11 W S 19 BT

A live oak, 8 ins. diam., bears N. 55°47' E., 39 lks. dist., marked T 34 S R 11 W S 18 BT (new B.T.)

Thence I run North (on recorded course), retracing the range line bet. secs. 13 and 18.

40.00 After careful search I fail to find any trace of the ¼ sec. cor.

Thence I continue line to

79.75 Intersect point for cor. of secs. 7, 12, 13 and 18, Tps. 34 S., Rs. 11 and 12 W., determined by reference to the original position of SW., NW. and NE. bearing trees, no remains of post or SE. bearing tree being found. I reestablish the cor. at the original point as follows:

Set a slate stone, 18x12x8 ins., 14 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked with 4 notches on S. and 2 notches on N. edge, with cross on top as chaining point; from which

An oak, 20 ins. diam., bears N. 81° E., 29 lks. dist., marked T 34 S R 11 W S 7 BT

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	A black oak, 15 ins. diam., bears S. 31°30' E., 56 lks. dist., marked T 34 S R 11 W S 18 BT (New B.T.)
	A fir, 30 ins. diam., bears S. 76° W., 32 lks. dist., marked T 34 S R 12 W S 13 BT
	A fir, 10 ins. diam., bears N. 49° W., 17 lks. dist., marked T 34 S R 12 W S 12 BT.
	Note - I do not reestablish the ¼ cor. bet. secs. 13 and 18.
	May 13, 1914.
	May 14, 1914: From cor. of secs. 7, 12, 13 and 18, I run
	North (on recorded course), retracing the range line bet. secs. 7 and 12.
39.79	Intersect point for ¼ sec. cor., determined by reference to the original bearing trees, both of which are intact; no remains of post. I reestablish the ¼ sec. cor. at the original point as follows:
	Set a slate stone, 18x12x6 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; from which
	A fir, 18 ins. diam., bears N. 64° E., 5 lks. dist., marked ¼ S 7 BT
	A fir, 20 ins. diam., bears N. 81° W., 35 lks. dist., marked ¼ S 12 BT
	May 14, 1914: At this ¼ sec. cor., I set off 18°35' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 42°39' N.
	Thence I run North, continuing my retracement, counting distances from sec. cor.
79.80	Intersect old cor. of secs. 1, 6, 7 and 12, Tps. 34 S., Rs. 11 and 12 W., which is an oak post, firmly set in the ground, marked and witnessed as described by the surveyor general.
	May 14, 1914.
	TIE LINE
	May 15, 1914: From above described cor. of secs. 1, 6, 7 and 12, I run
	N. 89°32' W., on a true line, 25.06 chs. to cor. No. 1 of H.E.S. No. 117, hereinbefore mentioned (formerly cor. No. 2 of listing survey).
	May 15, 1914.
	H. E. S. NO. 117
	May 16, 1914.
	I begin at cor. No. 1 of the Homestead Entry Survey, which I make identical with cor. No. 2 set by listing surveyor, as mentioned above. I destroy all traces of listing cor. and in its place

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Set a basalt stone, 30x12x10 ins., 20 ins. in the ground, over a stone, marked with a cross for cor. No. 1 of this survey, marked 1 - HES 117 on NW. face; from which -

A madrona, 26 ins. diam., bears N. 31°15' W., 112 lks. dist.,

A madrona, 12 ins. diam., bears N. 71° W., 51 lks. dist., each blazed and marked 1 - HES 117 BT.

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

From this H.E.S. cor., the cor. of secs. 1, 6, 7 and 12, Tps. 34 S., Rs. 11 and 12 W., bears S. 89°32' E., 25.06 chs. (This tie was run on the ground May 15, 1914).

Thence I run

N. 5° 30' W., on a random line, as marked by listing surveyor, and at 12.45 chs. fall 7 lks. N. 84°30' E. of cor. No. 3 set by listing surveyor.

(The true course of this line is N. 5°49' W., 12.45 chs.)

Returning to cor. No. 1, above described, I run

N. 5°49' W., on a true line along E. bdy. of this tract.

Ascending through scattering Douglas fir, tan oak, madrona and dense underbrush of dogwood and salal.

12.45 To cor. No. 2 (50 ft. above cor. No. 1), identical with cor. No. 3 set by listing surveyor, which I destroy.

Set a sandstone, 28x16x9 ins., 18 ins. in the ground, over a stone, marked with a cross for cor. No. 2 of this survey, marked 2 - HES 117 on W. face; from which

A Douglas fir, 32 ins. diam., bears S. 43°25' W., 29 lks. dist.

A Douglas fir, 30 ins. diam., bears N. 29°45' W., 61 lks. dist., each blazed and marked 2 - HES 117 BT.

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

Thence I run

N. 17°08' E., on a random line, as marked by listing surveyor, and at 10.94 chs. fall 9 lks. N. 72°52' W. of cor. No. 4 set by listing surveyor.

(The true course of this line is N. 17°36' E., 10.94 chs.)

May 16, 1914: At this cor., I set off 19°03' W. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 42°39' N.

Returning to cor. No. 2, above described, I run

N. 17°36' E., on a true line along E. bdy. of this tract, through scattering timber and dense undergrowth.

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
3.00	Brow of hill; descend.
5.00	Level land.
6.43	Enter meadow.
10.94	To cor. No. 3 (100 ft. below cor. No. 2), identical with cor. No. 4 set by listing surveyor, which I destroy.
	Set a basalt stone, 24x14x10 ins., 14 ins. in the ground, over a stone, marked with a cross for cor. No. 3 of this survey, marked 3 - HES 117 on side facing the claim; from which
	An Incense cedar, 11 ins. diam., bears S. 41°20' W., 29 lks. dist.
	A myrtle, 16 ins. diam., bears S. 59°30' E., 22 lks. dist., each blazed and marked 3- HES 117 BT
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	I sight to cor. No. 4, and run
	N. 54°05' W., on a true line, along N. bdy. of this tract, ascending gradually through meadow.
2.34	Cross cor. of fence, bears S. 50° E.
2.75	Cross cor. of fence.
5.76	Cross fence and leave pasture.
8.00	Steep ascent.
13.25	Cross trail, bears E. and W.
16.01	To cor. No. 4 (about 300 ft. above cor. No. 3), identical with cor. No. 3 set by listing surveyor, which I destroy.
	Set a basalt stone, 24x15x8 ins., 14 ins. in the ground, over a stone, marked with a cross for cor. No. 4 of this survey, marked 4 - HES 117 on S. face; from which
	A tan oak, 32 ins. diam., bears N. 80°12' E., 100 lks. dist.
	A tan oak, 25 ins. diam., bears S. 28°12' W., 101 lks. dist., each blazed and marked 4 - HES 117 BT
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	May 16, 1914.
	May 17, 1914:
	Thence I run S. 46°55' W., on a random line, as marked by listing surveyor, and at 14.58 chs. fall 17 lks.
	N. 43°05' W. of cor. No. 6 set by listing surveyor.
	(The true course of this line is S. 46°15' W., 14.58 chs.)
	Returning to cor. No. 4, above described, I run
	S. 46°15' W., on a true line along N. bdy. of this tract.

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
1.16	Along SE. hillside, through scattering fir, tan oak and madrona, dense reproduction; thickets of hazel, snow-brush, etc.
2.00	Descend.
3.40	Trail, bears E. and W.
3.76	Bottom of draw, 25 ft. below cor., course SE.; ascend.
4.39	Trail, bears S.
7.40	Spur, 30 ft. above draw.
8.00	Bottom of draw, 10 ft. below spur.
10.00	Ascend 35 ft.
12.00	Descend.
14.58	To cor. No. 5 (level with cor. No. 4), identical with cor. No. 6 set by listing surveyor, which I destroy.
	Set a basalt stone, 26x12x7 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 5 of this survey, marked 5 HES 117 on E. face; from which
	A madrona, 28 ins. diam., bears N. 53°35' E., 109 lks. dist.
	A madrona, 11 ins. diam., bears S. 71°11' E., 42 lks. dist., each blazed and marked 5 HES 117 BT
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	From this cor., the NW. cor. of fenced field bears S. 60°52' E., 7.25 chs. dist.
	May 17, 1914: At cor. No. 5 of this survey, I set off 19°17' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 42°39' N.
	Returning to cor. No. 5, above described, I sight to cor. No. 6 and run
	S. 24°51' E., on a true line along W. bdy. of this tract, descending through timber.
1.20	Leave timber.
11.40	Foot of descent; cross trail, N. 11° E. and S. 230 ft. below cor. No. 5.
11.46	Cross rail fence, bears N. 12° E.; enter field.
12.34	Leave field.
13.50	Fence cor., 25 lks. E. of line; fence, bears S. 85°30' E.
13.80	Cross trail, bears N. 40° W., and N. 85° E.; enter timber.
17.00	Ascend to
18.35	Top of knoll, 50 ft. above trail.
20.00	Descend.

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
24.09	To cor. No. 6 (about 275 ft. below cor. No. 5 of this claim), identical with cor. No. 1 set by listing surveyor, which I destroy, and in its place
	Set a basalt stone, 24x12x12 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 6 of this survey, marked 6 HES 117 on NE. face; from which
	A black oak, 14 ins. diam., bears N. 32°17' E., 36 lks. dist.
	A madrona, 24 ins. diam., bears N. 80°59' E., 51 lks. dist., each blazed and marked 6 HES 117 BT.
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	May 17, 1914.
	May 18, 1914: From cor. No. 6, heretofore described, I run
	East, on a random line as marked by listing surveyor, and at 11.29 chs. fall 30.5 lks. N. of cor. No. 1 of this survey, previously described.
	(The true course of this line is S. 88°27' E., 11.29 chs.)
	Returning to cor. No. 6, above described, I run
	S. 88°27' E., along S. bdy. of this tract; descend.
1.00	Draw, 25 ft. below cor., course N.
2.00	Ascend 50 ft. to second growth of fir.
7.75	Small creek, 2 lks. wide, course S.
8.85	Road, course S. 15° E. and N. 25° W.; enter dense undergrowth of madrona, fir, poison oak and rhododendron.
11.29	To cor. No. 1, the place of beginning.
	May 18, 1914: At this cor., I set off 19°31' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 42°39' N.

AREA

Total area of H.E.S. No. 117 - 47.69 acres

IMPROVEMENTS

A frame house, 32x12 ft (with addition 16x12 ft.), (longsides N. & S.), NW. cor. of which bears S. 50°51' E., 14.76 chs. dist. from cor. No. 5, value -	$175.00
A barn, 30x18 ft. (longsides N. & E.), NW. cor. of which bears S. 69°27' E., 12.23 chs. dist. from cor. No. 5, value -	120.00
Approximately 7/8 mile of rail fencing, value -	65.00
200 fruit trees, value -	1000.00
Approximately 5 acres of land under cultivation and 5 acres meadow or hay land cleared, value -	125.00
Total value -	$1485.00

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

GENERAL DESCRIPTION.

This claim lies on a side hill bench, principally side hill land 5 miles NW. of the Rogue river, between Foster creek and one of its tributaries. The general trend of the land is SE.

Considerable timber is on the claim though a very small per cent is merchantable. The timber is Douglas fir, white and tan oak, and madrona; undergrowth of madrona, small fir, tan oak, hazel, snowbrush, rhododendron, azalea and poison oak.

The soil is well adapted for grain, vegetables, berries and orchard.

Sufficient water for household and garden purposes is obtained from a spring and a small stream.

The character of the land is non-mineral.

The nearest post-office is Illahe, Oregon, 5 miles SE. of the claim. West Fork, Oregon, is the nearest railroad station, being 40 miles NE. on the S.P.R.R.

LOCATION.

This homestead is located principally in the SE¼ of Sec. 1, T. 34 S., R. 12 W., W.M., unsurveyed, though the western portion projects into the SW¼ of that section.

REPORT.

The survey of this homestead embraces an area wholly confined within the listed and entered description.

All bearing trees marked for this survey show an additional marking of cross (X) for bearing point.

The disagreement between these field notes and the listed and entered descriptions regarding the courses and distances are due to errors in the latter. The courses obtained by the solar were checked by the angles of the survey independently read on the horizontal limb.

An officer qualified to administer oaths was not available; therefore the final affidavit of assistants was made before the surveyor in his official capacity.

BOUNDARIES OF H.E.S. No. 117.
LATITUDES, DEPARTURES AND CLOSING ERRORS.

Line Designation	True Bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
Cor. 5 to Cor. 4	N46°15'E	14.58	10.08		10.53	
Cor. 4 to Cor. 3	S54°05'E	16.01		9.39	12.97	
Cor. 3 to Cor. 2	S17°36'W	10.94		10.43		3.31
Cor. 2 to Cor. 1	S 5°49'E	12.45		12.39	1.26	
Cor. 1 to Cor. 6	N88°27'W	11.29	.31			11.29
Cor. 6 to Cor. 5	N24°51'W	24.09	21.86			10.12
Totals			32.25	32.21	24.76	24.72

Error in Lat. - - .04 chs.
Error in Dep. - - .04 chs.

(signed) Norman C. White
Assistant Forest Ranger.
(Surveyor)

May 20, 1914.

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, November 22, 1915.

The foregoing field notes of Homestead Entry Survey No. 117 Situated in Sec. 1, unsurveyed, in Township 34 South, Range 12 West of the Willamette Meridian, Oregon, within the Siskiyou National Forest.

executed by Norman C. White, Assistant Forest Ranger, under his special instructions, dated January 26, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General

(SEAL)

CHAINS			

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 216
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6
Approximately
In Section 13, unsurveyed, Township 34 S., Range 12 W.
" " 14, " " " 34 S., " 12 W.
" " 23, " " " 34 S., " 12 W.

of the
Willamette Meridian.
State of
Oregon

Applicant for listing R. N. Shearer

Residence Agness, Oregon
Nov. 4, 1912
Application No. 288, dated Dec. 2, 1914

List No. 6-868, dated Feb. 19, 1913.

List No. 6-1764, dated July 22, 1915.

Applicant for survey Rolenzo N. Shearer

Residence Illahe, Oregon.

H. E. No. 010223, dated June 21, 1915

H. E. No. 010572, dated March 31, 1916

Land Office - Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger

Under special instructions dated February 24, 1917

Survey commenced July 30, 1917

Survey completed August 3, 1917.

Under Acts of June 11, 1906 and March 4, 1917.

ACCEPTED BY THE HON. COMMISSIONER G.L.O. May 27, 1919

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 216, 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

Chainman - (signed) Ed Walker

" - (signed) Eugene Fry

Axeman - (signed) Marshal Fry

Subscribed and sworn to before me this 3 day of August, 1917.

(signed) Ben A. Eddy
Forest Ranger

OATH OF SURVEYOR

I, Ben A. Eddy, Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated February 24, 1917, 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. 6-868, dated Feb. 19, 1913 and List No. 6-1764, dated July 22, 1915, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 216, situated within the Siskiyou National Forest, in approx. unsurveyed Section 13, Township 34 S., Range 12 W., and unsurveyed Section 14, Township 34 S., Range 12 W., and unsurveyed Section 23, Township 34 S., Range 12 W. 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.

(signed) Ben A. Eddy
Forest Ranger

Subscribed and sworn to before me this 1st day of Feb., 1919.

(signed) F. D. Strause
(SEAL) Notary Public for Oregon

My commission expires September 20th, 1922

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

Entryman: Rolenzo N. Shearer

H.E. No. 010223, dated June 21, 1915.

H.E. No. 010572, dated March 31, 1916.

Land Office, Roseburg, Oregon.

Survey commenced July 30, 1917, and executed with a W. & L.E. Gurley light mountain transit No. 12985; 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 vernier of the latitude arc.

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 11, 1917.

All measurements, unless otherwise specified, are made with a 1/8 inch steel tape, 8 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 establish a meridian by observations on Polaris, I proceed as follows:

July 30, 1917: At point for Cor. No. 1 of the Homestead Entry Survey, at 11^h02^m p.m., l.m.t., I obs. Pol. at E. elong., and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chs. N. of my station.

July 31, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Pol. 93 minutes to the W., and mark the mer. thus determined, by a tack in a peg set in the ground 5 chs. N. of my station.

At this point, I determine the lat. of my station by observing the sun at its highest point at apparent noon. Mean of two angles to sun's upper limb is 65°54'30"; declination at time of observation is 18°16'21" N.; resulting lat. is 42°38' N. The longitude as determined from a reliable and accurate map is 124°04' W.

At 10^h58^m p.m., l.m.t., I obs. Pol. at E. elong., and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chs. N. of my station.

August 1, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Pol. 93 minutes to the W., and mark the mer. thus determined, by a tack in the peg previously set, on which the mer. falls 0.10 ins. W. of the mark determined by the Pol. obsn. of July 30, 1917.

The two observations on Pol. determine positions for the meridian within 2 minutes of arc of each other. I adopt the mean of the two determinations as the true meridian and prolong the same throughout the survey by sustained angulation.

The mag. bearing of the true mer. at this cor. at 2^h00^m p.m., is N. 21°43' W.; the angle thus determined gives the mag. decl. 21°43' E. The mean mag. decl. is 21°49' E.

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

TIE LINE

July 31, 1917: Preliminary to the survey of this Homestead Entry, I make the following connection:

Beginning at point for Cor. No. 1 of this survey, thence by Traverse

S.21°35'W.	8.95	chs.
East	10.89	"
N.89°30'E.	2.97	"
N.88°30'E.	7.45	"
East	7.54	"
S.89°17'E.	10.60	"
South	0.19	"
S.88°00'E.	1.07	"
East	15.40	"

S.88°37'E. 2.00 chs. to the cor. of secs. 13, 18, 19 and 24, Tps. 34 S., Rs. 11 and 12 W., which is a basalt stone 6 x 12 x 7 ins. above ground, firmly set, mkd. and witnessed as described in H.E.S. No. 117.

The true bearing and length of this line is S. 81°09'22" E., 55.29 chs. as determined by calculation:

Bearing	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.
S.21°35'W.	8.95	..	8.32	..	3.29
East	10.89	..	..	10.89	..
N.89°30'E.	2.97	.03	..	2.97	..
N.88°30'E.	7.45	.20	..	7.45	..
East	7.54	..	..	7.54	..
S.89°17'E.	10.60	..	.13	10.60	..
South	.19	..	.19	..	..
S.88°00'E.	1.07	..	.04	1.07	..
East	15.40	..	..	15.40	..
S.88°37'E.	2.00	..	.05	2.00	..
		.23	8.73	57.92	3.29
Calculated course N.81°09'22"W.	55.29	8.50	..	..	54.63
		8.73	8.73	57.92	57.92

$\frac{54.63}{8.50}$ = tan. angle. $\frac{54.63}{\sin. 81°09'22"}$ = distance

ROAD EXEMPTION (TRACT C)

July 31, 1917: Previous to the survey of this homestead entry, I determine the position of the boundaries of a road exemption, 30 ft. in width, through this claim, as follows:

From Cor. No. 4 of List No. 6-868,

N. 41°14' E., on line 4 - 3 of List No. 6-868 (true bearing determined by lining in a picket)

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
0.995	Set temp. stake "A" for center of road exemption.
9.05	To Cor. No. 3 of List No. 6-868
	Thence
	S. 48°42' E. on line 3-2 of List No. 6-868 (true bearing determined by lining in a picket)
19.145	Set temp. stake "B" for center of road exemption.
20.15	To Cor. No. 2 of List No. 6-868
	Calculation from the above data gives the bearing from stake A to stake B as S. 71°33' E.; therefore, from stake "A", I offset N. 41°14' E. and S. 41°14' W. 0.245 chs. and set temp. stakes for Cors. No. 14 and 11 of this survey respectively, and from stake "B", I offset N. 48°42' W. and S. 48°42' E. 0.585 chs. and set temp. stakes for Cors. No. 13 and 12 of this survey respectively.

H.E.S. No. 216

Tract A.

All listing cors. referred to herein are properly identified, being mkd. and witnessed as described by the Forest Service in the listing survey.

August 1, 1917: Beginning at point for Cor. No. 1 of this survey, identical with Cor. No. 2 of List 6-868, which I now destroy and in its place establish

Cor. No. 1 of this survey as follows:

Set a basalt stone, 24 x 12 x 6 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 1 of this survey, mkd. 1 HES 216 on side facing the claim, - from which -

A fir, 4 ins. dia., bears N. 43°45' E., 69 lks. dist., mkd. X 1 HES 216 B T.

A fir, 18 ins. dia., bears S. 61°45' E., 111 lks. dist., mkd. X 1 HES 216 B T.

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

The cor. of secs. 13, 18, 19 and 24, heretofore described, bears S. 81°09'22" E., 55.29 chs. dist.

Thence

S. 21°35' W. on a true line,

Across rolling ground, through scattering timber.

8.95	To point for Cor. No. 2 of this survey identical with Cor. No. 1 of List No. 6-868, which I now destroy and in its place establish

Cor. No. 2 of this survey as follows:

Set a basalt stone, 28 x 14 x 8 ins., 18 ins. in the ground, over a stone mkd. with a cross for Cor. No. 2 of this survey, mkd. 2 HES 216 on side facing the claim, - from which -

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	A fir, 26 ins. dia., bears S. 4°00' W., 26 lks. dist., mkd. X 2 HES 216 B T.
	A fir, 22 ins. dia., bears N. 49°45' W., 58 lks. dist., mkd. X 2 HES 216 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	N. 87°15' W. on a true line
	Ascend E. slope 50 ft. through scattering timber and underbrush.
9.00	Top of slope descend gradual W. slope 20 ft.
10.84	To point for Cor. No. 3 of this survey, identical with Cor. No. 5 of List 6-868, which I now destroy and in its place establish
	Cor. No. 3 of this survey as follows:
	Set a sandstone stone, 24 x 6 x 6 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 3 of this survey, mkd. 3 HES 216 on side facing the claim, - from which -
	A fir, 10 ins. dia., bears S. 34°45' E., 45 lks. dist., mkd. X 3 HES 216 B T.
	A fir, 6 ins. dia., bears N. 69°30' E., 40 lks. dist., mkd. X 3 HES 216 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	N. 20°39' W. on a true line
	Ascend gradual SE. slope 30 ft. through scattering timber and underbrush.
10.21	To point for Cor. No. 4 of this survey, identical with Cor. No. 7 of List 6-1764, which I now destroy and in its place establist Cor. No. 4 of this survey as follows:
	Set a sandstone stone, 24 x 16 x 5 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 4 of this survey, mkd. 4 HES 216 on side facing the claim, - from which -
	A fir, 20 ins. dia., bears N. 2°00' E., 55 lks. dist., mkd. X 4 HES 216 B T.
	A fir, 22 ins. dia., bears S. 78°45' E., 33 lks. dist., mkd. X 4 HES 216 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	S. 73°20' W. on a true line
	Over rolling ground, through scattering timber and underbrush.

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
18.49	To point for Cor. No. 5 of this survey, identical with Cor. No. 6 of List 6-1764, which is a fir tree 30 ins. dia. I destroy the marks of the listing survey and in its place establish Cor. No. 5 of this survey as follows: Mark the tree above described 5 HES 216 on side facing the claim for Cor. No. 5 of this survey, - from which - A fir, 24 ins. dia., bears S. 77°00' W., 69 lks. dist., mkd. X 5 HES 216 B T. A fir, 24 ins. dia., bears S. 13°00' W., 55 lks. dist., mkd. X 5 HES 216 B T. Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim. August 1, 1917. --- August 2, 1917: From Cor. No. 5 of this survey, above described Thence S. 50°03' W. on a true line Over rolling ground through timber and underbrush.
17.27	To point for Cor. No. 6 of this survey, identical with Cor. No. 5 of List 6-1764, which is a fir tree 48 ins. dia. I destroy the marks of the listing survey and in its place establish Cor. No. 6 of this survey as follows: Mark the tree above described, 6 HES 216 on side facing the claim for Cor. No. 6 of this survey, - from which - A tan oak, 5 ins. dia., bears S. 43°50' E., 37 lks. dist., mkd. X 6 HES 216 B T. A pine, 8 ins. dia., bears N. 25°30' E., 92 lks. dist., mkd. X 6 HES 216 B T. Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim. --- Thence S. 76°50' W. on a true line Over rolling ground, through scattering timber and underbrush.
10.19	To point for Cor. No. 7 of this survey, identical with Cor. No. 4 of List 6-1764, which is a fir tree 36 ins. dia. I destroy the marks of the listing survey and establish Cor. No. 7 of this survey as follows: Mark the above described tree 7 HES 216 on side facing the claim for Cor. No. 7 of this survey, - from which A pine, 6 ins. dia., bears S. 77°30' E., 80 lks. dist., mkd. X 7 HES 216 B T. A pine, 6 ins. dia., bears N. 1°15' W., 84 lks. dist., mkd. X 7 HES 216 B T.

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Raise a mound of earth, 3 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence,
	N. 14°22' E. on a true line
	Over rolling ground, through scattering timber and underbrush.
15.49	To point for Cor. No. 8 of this survey, identical with Cor. No. 3 of List 6-1764, which I now destroy and in its place establish Cor. No. 8 of this survey as follows:
	Set a lime stone, 24 x 12 x 4 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 8 of this survey, mkd. 8 HES 216 on side facing the claim, - from which -
	A madrona, 12 ins. dia., bears N. 3°45' E., 30 lks. dist., mkd. X 8 HES 216 B T.
	A tan oak, 5 ins. dia., bears S. 83°30' E., 30 lks. dist., mkd. X 8 HES 216 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	S. 82°21' E. on a true line
	Over rolling ground, through scattering timber and underbrush.
5.03	To point for Cor. No. 9 of this survey, identical with Cor. No. 2 of List 6-1764, which is a fir tree 36 ins. dia. I destroy the marks of the listing survey and establish
	Cor. No. 9 of this survey as follows:
	Mark the above described tree 9 HES 216 on side facing the claim for Cor. No. 9 of this survey, - from which -
	A madrona, 12 ins. dia., bears N. 3°15' E., 35 lks. dist., mkd. X 9 HES 216 B T.
	A tan oak, 4 ins. dia., bears S. 87°30' E., 32 lks. dist., mkd. X 9 HES 216 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence,
	N. 72°29' E. on a true line
	Over rolling ground, through scattering timber and underbrush.
30.07	To point for Cor. No. 10 of this survey, identical with Cor. No. 4 of List 6-868 which I now destroy and in its place establish
	Cor. No. 10 of this survey as follows:
	Set a basalt stone, 26 x 12 x 10 ins., 16 ins. in the ground, over a stone mkd. with a cross for Cor. No. 10 of this survey, mkd. 10 HES 216 on side facing the claim, - from which -

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	A fir, 22 ins. dia., bears N. 15°15' E., 20 lks. dist., mkd. X 10 HES 216 B T. A fir, 10 ins. dia., bears S. 16°00' W., 63 lks. dist., mkd. X 10 HES 216 B T. Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim. August 2, 1917.
	August 3, 1917. From Cor. No. 10 of this survey, above described, Thence N. 41°14' E. on a true line Over level ground, through scattering timber and underbrush.
0.75	To point for Cor. No. 11 of this survey, identical with temp. stake previously set on south side of road exemption, which I now destroy and in its place establish, Cor. No. 11 of this survey as follows: Set a lime stone, 24 x 12 x 6 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 11 of this survey, mkd. 11 HES 216 on side facing the claim, - from which - A fir, 20 ins. dia., bears S. 87°00' W., 63 lks. dist., mkd. X 11 HES 216 B T. A fir, 60 ins. dia., bears N. 1°00' E., 34 lks. dist., mkd. X 11 HES 216 B T. Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence, S. 71°33' E. on a true line along south side road exemption (Tract C) Over rolling ground, through scattering timber and underbrush.
21.42	To point for Cor. No. 12 of this survey, identical with temp. stake previously set on south side road exemption, which I now destroy and in its place establish Cor. No. 12 of this survey as follows: Set a lime stone, 24 x 10 x 4 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 12 of this survey, mkd. 12 HES 216 on side facing the claim, - from which - A fir, 4 ins. dia., bears N. 0°30' E., 11 lks. dist., mkd. X 12 HES 216 B T. A fir, 4 ins. dia., bears N. 42°30' W., 25 lks. dist., mkd. X 12 HES 216 B T. Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence,

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	S. 48°42' E. on a true line
	Over rolling ground, through scattering timber.
0.42	To Cor. No. 1 of this survey, heretofore described, the place of beginning.

TRACT B.

August 3, 1917: Beginning at point for Cor. No. 13 of this survey, identical with temp. stake previously set on north side of road exemption, which I now destroy and in its place establish,

Cor. No. 13 of this survey as follows:

Set a lime stone, 24 x 10 x 4 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 13 of this survey, mkd. 13 HES 216 on side facing the claim, - from which -

A pine, 8 ins. dia., bears N. 8°15' W., 33 lks. dist., mkd. X 13 HES 216 B T.

A pine, 4 ins. dia., bears S. 41°16' E., 43 lks. dist., mkd. X 13 HES 216 B T.

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

Cor. No. 12, Tract A, heretofore described, bears S. 48°42' E., 1.17 chs. dist.

Thence

N. 71°33' W., on a true line along north side road exemption. (Tract C)

20.15	To point for Cor. No. 14 of this survey, identical with temp. stake previously set on N. side road exemption, which I now destroy and in its place establish

Cor. No. 14 of this survey as follows:

Set a sandstone, 24 x 14 x 5 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 14 of this survey, mkd. 14 HES 216 on side facing the claim, - from which -

A fir, 6 ins. dia., bears N. 17°30' W., 35 lks. dist., mkd. X 14 HES 216 B T.

A fir, 4 ins. dia., bears N. 69°00' W., 66 lks. dist., mkd. X 14 HES 216 B T.

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

Cor. No. 11, Tract "A", heretofore described, bears S. 41°14' W. 0.49 chs. dist.

Thence

N. 41°14' E. on a true line

Over rolling ground, through scattering timber and underbrush.

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS
7.81 To point for Cor. No. 15 of this survey, identical with Cor. No. 3 of List 6-868, which I now destroy and in its place establish

Cor. No. 15 of this survey as follows:

Set a lime stone, 24 x 8 x 8 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 15 of this survey, mkd. 15 HES 216 on side facing the claim, - from which -

A fir, 8 ins. dia., bears N. 56°00' E., 31 lks. dist., mkd. X 15 HES 216 B T.

A fir, 16 ins. dia., bears S. 81°30' W., 13 lks. dist., mkd. X 15 HES 216 B T.

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

Thence

S. 48°42' E. on a true line

Over rolling ground, through scattering timber and underbrush.

18.56 To Cor. No. 13 of this survey, heretofore described, the place of beginning.

AREAS

Area of Tract A.	49.04 acres
Area of Tract B.	7.25 "
Total area of H.E.S. No. 216	56.29 acres
(Area of Tract C, Road Exemption) (Unlisted land)	0.94 acres)

IMPROVEMENTS

	Value
Log residence, 22 x 28 ft., course of long-sides E. & W., the SE. cor. of which bears N. 1°15' W., 3.06 chs. dist. from Cor. No. 4	$150.00
5 acres under cultivation	300.00
Total value of improvements	$450.00

GENERAL DESCRIPTION

The area within the boundaries of this survey is rolling ground, covered with a scattering stand of timber.

The soil is first-rate, capable of raising garden truck and hay.

Water for domestic use is obtained from a spring near the house.

The character of the land is non-mineral.

The nearest post office is Illahe, about 2 miles to the east, reached by trail and the nearest source of supplies is Agness, about 10 miles to the south, reached by trail. The nearest railroad point is West Fork, about 50 miles to the east reached by trail, on the Southern Pacific Ry.

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

LOCATION

This homestead is located in approximate unsurveyed secs. 13, 14, and 23, T. 34 S., R. 12 W., W.M., Oregon.

REPORT

The survey of this homestead embraces an area wholly confined within the listed and entered description.

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

BOUNDARIES OF H.E.S. No. 216.

TRACT A.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
S.21°35'W.	8.95	..	8.32	..	3.29
N.87°15'W.	10.84	0.52	..	..	10.83
N.20°39'W.	10.21	9.55	..	..	3.60
S.73°20'W.	18.49	..	5.30	..	17.71
S.50°03'W.	17.27	..	11.09	..	13.24
S.76°50'W.	10.19	..	2.32	..	9.92
N.14°22'E.	15.49	15.01	..	3.84	..
S.82°21'E.	5.03	..	0.67	4.99	..
N.72°29'E.	30.07	9.05	..	28.68	..
N.41°14'E.	0.75	0.56	..	0.49	..
S.71°33'E.	21.42	..	6.78	20.32	..
S.48°42'E.	0.42	..	0.28	0.32	..
	149.13	34.69	34.76	58.64	58.59

Error in lat. = 7 lks.
Error in dep. = 5 lks.
Error of closure = 1:1733

TRACT B.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N.71°33'W.	20.15	6.38	..	..	19.11
N.41°14'E.	7.81	5.87	..	5.15	..
S.48°42'E.	18.56	..	12.25	13.94	..
	46.52	12.25	12.25	19.09	19.11

Error in lat. = 0 lks.
Error in dep. = 2 lks.
Error of closure = 1:2326

TRACT C. (Road Exemption) Unlisted Land.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N.41°14'E.	0.49	.37	..	.32	..
S.71°33'E.	20.15	..	6.38	19.11	..
S.48°42'E.	1.17	..	.77	.88	..
N.71°33'W.	21.42	6.78	..	..	20.32
	43.23	7.15	7.15	20.31	20.32

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

Error in lat. = 0 lks.
Error in dep. = 1 lk.
Error of closure = 1:4323

August 3, 1917.

(signed) Ben A. Eddy
Forest Ranger,
F.S.

HOMESTEAD ENTRY SURVEY NO. 216 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, Mar. 29, 1919

The foregoing field notes of Homestead Entry Survey No. 216, located approximately in Sections 13, 14 and 23, unsurveyed, Township 34 S., Range 12 W., Willamette Meridian, within the Siskiyou National Forest, State of Oregon,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated February 24, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General

(SEAL)

D. C. WAY, PRINTERS PORTLAND, ORE. 85223A

CHAINS

FIELD NOTES
of
Homestead Entry Survey No. 204
Situated in the Siskiyou National Forest
Administrative District No. 6
approximate
InSection 8, unsurveyed, Township 34 S. Range 13 W.
Also field notes of U.S.L.M. No. 204
Of the Willamette Meridian State of Oregon.

Applicant for listing Henery B. Horrell,
Residence Wedderburn, Oregon
Application No. 357 Dated March 9, 1914
List No. 6-1361 Dated June 9, 1914

Applicant for survey Henery B. Horrell
Residence Wedderburn, Oregon
H.E. No. 09850 Dated November 25, 1914
Land Office-Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger
Under special instructions dated January 24, 1917
Survey commenced August 17, 1917
Survey completed August 20. 1917
Under Acts of June 11, 1906, March4, 1917.
Accepted By the Hon. Commisioner G.L.O. January 14,1920

Homestead Entry Survey No. 204
Siskiyou National Forest
State of Oregon

Entryman: Henery B. Horrell,
H.E. No. 09850, Dated Nov. 25, 1914
Land Office: Roseburg, Oregon.
SURVEY commencedAugust 17, 1917 and executed with a W.&L.E. Hurley light mountain transit No. 12985;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 vernier of the latitude arc.

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 11, 1917.

All measurments, unless otherwise specified, are made with a 1/8 inch steel tape, 8 chains in length, compared with a Chesterman standered steel tape. Clinometers are used to determine slope angles, andmeasurments are reduced to true Horizontal distance. I examine the asjustments of the transit and correct all errors, then, to establish a meridian by observations of Polaris, I proceed as follows:
August 17, 1917: At point for Cor. No. 1 of the Homestead Entry Survey, at 9^h51^mp.m. l.m.t., I observe Pol. at E. elong., and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chs. N. of my station.

August 18,1917: At 8^h00^ma.m., l.m.t., I lay off the azimuth of Pol. 93 minutes to the W and mark the mer. thus determined by a tack in a peg set in the ground 5 chs. N of my station.

CHAINS

At this point, I determine the lat. of my station by observing the sun at its highest point at apparent noon. Mean of two angles to sun's upper limb is 60°53'30"; declination at time of observation is 13°06'02"N.; resulting lat. is 42°29'N. The longitude as determined from a reliable and accurate map is 124°16'W.

At 9h47m p.m., l.m.t., I obs. Pol. at E elong., and mark the line thus determined by a tack driven in a wooden peg in the ground 5 chs. N. of my station.

August 19, 1917: At 8h00m a.m., l.m.t., I lay off the azimuth of Pol. 93 minutes to the W. and mark the mer. thus determined by a tack in the peg previously set, on which the mer. falls 0.10 ins. W. of the mark determined by the Pol. obsn, of August 17, 1917.

The two observations on Pol. determine positions for the mer. within 2 minutes of arc. of each other. I adopt the mean of the two determination as the true meridian and prolong the same throughout the survey by sustained angulation.

The mag. bearing of the true mer. at this corner at 5h00m p.m. is N.21°35'W.; the angle thus determined gives the mag. decl. 21°35'E. The mean mag. decl. is 21°36'E.

U.S.L.M. No. 204.

August 17, 1917: (There being no established monument on the highest point of Chismore Butte) within two miles, I establish U.S.L.M. No 204 as follows:

Set a conglomerate stone, 30x12x6 ins. ; 20" in the ground over a stone marked with a cross for U.S.L.M. No. 204, marked USLM 204 on N. face, and a cross on top, from which:

A Pine, 10 ins. dia. bears N.23°30'E., 12 lks. dist., mkd. X USLM 204 B.T.
A Pine, 10 ins. dia. bears S.16°45'W., 53 lks. dist mkd. X USLM 204 B. T.
A Pine, 14 ins. dia. bears S.82°15'E., 61 lks. dist. mkd. X USLM 204 B.T.
A Pine, 8 ins. dia. bears N.62°00'W., 86 lks. dist. mkd. XUSLM. 204 B.T.
Raise a mound of stone, 3 ft. base, 4 ft. high, 5 ft. dist north of monument.
Brushy Bald Mountain bears S.15°49'W.
Grizzly Mountain bears S.13°18'W.
Snow Camp Mountain bears S17°00'E.
Colebrook Butte bears S52°00'W.
Colliers Butte bears S 23°14'E.
Fishhook Moutain bears S 68°58'E.
Iron Mountain bears N.70°17'E.
Mountain Well Mountain bears N33°17'E.

TIE LINE

August 17, 1917: Preliminary to the survey of this Homestead Entry, I make the following connection:

Beginning at point for Cor. No. 1 of this survey. thence by traverse,

N. 37°00'E. 7.41 chs.
N. 25°00'E. 9.53 chs.
N. 84°00'E. 7.22 chs.
S. 65°10'W. 54.91 chs.
S. 30°00'W. 1.36 chs.
N. 64°30'W. 7.18 chs.
S. 39°35'W. 1.39 chs. to USLM. No. 204, heretofore described

The true bearing and length of this is S.81°34'W. 43.09 chs. as determined by calculation:

CHAINS

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N.37°00'E.	7.41	5.92	..	4.46	..
N.25°00'E.	9.53	8.64	..	4.03	..
N.84°00'E.	7.22	..75	..	7.18	...
S.65°10'W.	54.91	..	23.06	..	49.85
S.30°00'W.	1.36	..	1.18	..	.68
N.64°30'W.	7.18	3.09	..	..	6.48
S.69°35'W.	1.39	..	0.48	..	1.30
	..	18.40	24.72	15.67	58.29
Calculated course					
N.81°34'E.	43.09	6.32	..	42.62	..
	..	24.72	..	58.29	58.29

$$\frac{42.62}{6.32} = \text{TAN. ANGLE.} \quad \frac{42.62}{\sin.81°34'} = \text{distance}$$

August 19, 1917: Beginning at point for Cor. No.1 of this survey, identical with Cor. No 1.of the listing survey, [illegible], which is a cedar post, 4x4x12 ins. above ground, firmly set mkd. and witnessed as described in the listing notes, I destroy this corner and in its place establish:
Cor. No. 1 of this survey as follows:
Set a conglomerate stone ,26x14x12 ins. 16 ins. in the ground, over a stone mkd. with a cross for Cor. No. 1. of this survey, mkd. 1 HES 204 on side facing the claim,
—from which—
A Cascara, 8 ins. dia. bears N41°00'W., 51 lks. dist. mkd. X 1 HES 204 B.T.
A Fir, 40 ins. dia. bears S.48°15'E., 38 lks. dist. mkd. X 1 HES 204 B.T.
Raise a mound of earth, 4 ft. base 2 ft. high, 3-½ ft dist within the claim.
U.SL.M. No. 204, heretofore described, bearsS.81°34'W. 43.09 chs. dist.
Thence - N.14°37'W. on a true line
Ascend gradual SE. slope, 50 ft. through timber and underbrush
13.00 Top of slope, descend NE. slope 50 ft.
29.64 To angle point, as intended by the District Forestor, which I establish as Cor. No. 2 of this survey as follows:
Set a sandstone stone 26x10x6 ins., in the ground, over a stone mkd. with a cross for Cor. No. 2 of this survey mkd. 2 HES 204 on side facing the claim, from which:
A Fir 20ins. dia., bears S.40°00'E., 29 lks.dist., mkd. X 2 HES 204 B.T.
A Fir, 24 ins. dia. bears S.55°45'W., 31 lks. dist., Mkd. X 2 HES 204 B.T.

Raise a mound of earth, 4 ft. base 2 ft. high, 3-½ ft. dist. within the claim.

Thence
S.83°15'E. on a true line.
Over level ground, through heavy timber.
3.40 Foot of slope, ascend steep SW. slope, 80 ft.
11.00 Top of slope, descend SE. slope 80 ft.
19.04 To angle point, as intended by the District Forestor, which I establish as Cor. No. 3 of this survey as follows:
Set a sandstone stone, 24x8x4 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 3 of this survey, mkd. 3 HES 204 on side facing the claim,from which:

A Fir, 28 ins. dia. bears N.79°00'E., 16 lks. dist. mkd. X 3HES 204 B.T.

D. C. WAY, PRINTERS, PORTLAND, ORE. 89234

CHAINS A Fir, 50 ins. dia. bears N.17°30'W., 16 lks. dist.,mkd. X 3 HES. 204 B.T.
Raise a mound of earth, 4 ft. base, 2 ft. high, 3-½ ft. dist., within the claim.

Thence
S.57°32'E on a true line
Ascend steep NW. slope, 75 ft. through heavy timber.
7.50 Top of slope, descend SE. slope 75 ft.
16.96 To angle point as intended by the District Forestor, which I establish as Cor. No. 4 of this survey as follows:
Set a sandstone stone, 24x14x8 ins. in the ground,over a stone mkd. with a cross for Cor. No. 4 of this survey, mkd. 4 HES 204 on side facing the claim, from which:
A Fir, 30 ins dia. bears N. 81°30'W., 75 lks. dist. mkd. X 4 HES 204 B.T.
A Fir 36 ins. dia. bears N 74°30'E., 10 lks., dist. mkd. X 4 HES 204 B.T.
Raise a mound of earth, 4 ft. base, 2 ft. high 3-½ ft. dist. within the claim. August 19, 1917

August 20, 1917: From Cor. No 4 of this survey, above described, thence S.46°15'W. on a true line
Ascend gradual N. slope, 50 ft. through heavy timber and underbrush
12.60 Top of slope, descend SW. slope 50 ft.
21.44 To angle point as intended by the District Forestor, which I establish as Cor. No. 5 of this survey as follows:
Set a conglomerate stone, 30x14x8 ins. 20 ins in the ground, over a stone mkd. with a cross for Cor. No. 5 of this survey mkd. 5 HES 204 on side facing the claim.from which:
A Tan oak, 6 ins. dia. bears N49°45'W. 28 lks.dist. mkd. X 5 HES 204 B.T.
A Hemlock 10 ins. dia. bears S 8°30'W., 36 lks. Dist., mkd. X 5 HES 204 B.T.
Raise a mound of earth, 4 ft. base 2 ft. high, 3-½ ft dist., within the claim

---

Thence
S.76°14'W on a true line
Descend W. slope, 40 ft. through heavy timber.
4.50 Lost Valley Creek, 10 lks. wide course South.
Ascend E. slope, 40 ft.
10.54 To Cor. No.1 of this survey, heretofore described, the place of begining.

AREA

Total area of H.E.S. No. 204 56.03acres

IMPROVEMENTS.

	VALUE
Shake residence, 24x40 ft., course of longsides E. and W., the Ne. Cor of which bears S.24°30'W., 13.30 chs. dist. from cor. No. 3	$500.00
Shake woodshed, 20x24 ft., course of long sides E. and W. the NE. cor. of which bears S.22°50'W 14.00 chs. dist. from Cor. No. 3	50.00
Shake barn 25x40 ft., course of long sides N. and S., the NE. cor. of which bears S.23°15W 10.95 chs. dist. from Cor. No. 3	$200.00
Shake smoke house, 20x20 ft. course of sides N. and E., the NE. cor. of which bears S.28°00'W. 10.90 chs. dist. from Cor. No. 3	$30.00

CHAINS Shake chicken house, 10x10 ft. course of sides N. and E., the NE. cor of which bears S.23°15'W. 14.00 chs. Dist from Cor. No. 3 15.00

3 acres cleared land $300.00
Total value of improvements 1595.00

GENERAL DESCRIPTION

This claim lies in a small basin known as Lost Valley and lies along three intermittent creeks, the largest ofwhich is Lost Valley Creek.
Water for domestic use is obtained from Lost Valley Creek, which runs near the house.
The ground is sufficiently moist to raise good crops, the claimant raising hay and garden truck.
A heavy stand of Douglas fir timber surrounds the entire claim.
The character of the land is non-mineral.
The nearest source of supplies and post office is Wedderburn, Oregon, about 25 miles to the southwest, reached by trail and wagon road, and the nearest railroad point, is Marshfield, Oregon, about 50 miles to the north on the Southern Pacific R.R.

CONFLICTS AND ADJOINING CLAIMS.

Ther are no conflicts or adjoining claims.

LOCATION

This homestead is located in approximate unsurveyed Sec. 8, T.34S. R. 13W., Willamette Meridian, Oregon
Owing to the remoteness of thepublic surveys and extreme uncertainties as to how they will finally be extened, it is impossible to verify this location.

REPORT

Using Cor. No. 1 of the listing survey as the initial point and retracing the boundaries from the recored bearings and distances as given by the listing surveyor no evidence of any other corners can be found nor any evidence that the boundaries have been run as recorded. The list as intended by the District Forestor included only what is known as Lost Valley Creek Basin. The listing survey boundaries as recorded and as determined by a preliminary survey by me in company with the claimant embrace a great amount of rough land, covered with a heavy stand of timber and non-agricultural in character. The area of this homestead, as now surveyed, embraces the area intended to be listed by the District Forestor and includes all the agricultural land applied for by the clai ant. The new survey was made with the knowledge and consent of the claimant as evidenced by the following statement:

Gold Beach, Ore. 11-24-19

C.J. Buck
Asst. District Forestor,
Portland, Ore.

Dear Sirs:
Your letter of November 12 th received. In regard to Mr. Eddy's survey on my Homestead #357 HES #204 Siskiyou

CHAINS

The corners he established was made with my full knowledge and consent and really includes all of "Lost Valley" and all the agricultural land in the near locality, and the survey made is satisfactory to me.

Yours very truly,
(Signed) H.B. Horrell

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

BOUNDARIES OF H.E.S. No. 204

Bearing	Distance	Latutudes North	Latutudes South	Departures East	Departures West
N.14°37'W.	29.64	28.68	..	..	7.48
S.83°15'E.	19.04	..	2.24	18.91	..
S.57°32'E.	16.96	..	9.10	14.31	..
S.46°15'W.	21.44	..	14.83	..	15.49
S.76°14'W.	10.54	..	2.51	..	10.24
	97.62	28.68	28.68	33.22	33.21

Error in lat. = 0 lks.
Error in dep. = 1 lk.
Error of closure = 1.9762

August 20, 1917.

Ben A. Eddy
Forest Ranger

D. C. WAL PRINTERS PORTLAND, ORE. 86XIA

CHAINS

FIELD NOTES
of
Homestead entry survey No. 205
Situated in the Siskiyou National Forest
Administrative District No. 6
In Section 33 unsurveyed , Township 34 S. Range 13W
Of the Willamette Meridian
State of Oregon

Applicant for listing Frank Sherman
Residence Wedderburn, Oregon
Applicant No. 366 dated April 15, 1914
List No. 6-1398 dated July 9 1914

Applicant for survey Milo Newell
Residence Wedderburn, Oregon
H.E. No. 09925 dated July 15 1915
Land Office-Roseburg, Oregon

Survey executed by Ben A. Eddy, Forest Ranger
Under special instructions dated January 25, 1917
Survey commenced August 13, 1917
Survey completed August 16, 1917
Under Acts of June 11,1906 and March 4, 1917.
Accepted by the Hon. Commissioner G.L.O. May 27, 1919.

The long. as determined from a reliable and accurate map is 124°14'W.
At 10^h03^mp.m. l.m.t. I obs. Pol. at E. Elong, and mark the line thus determined by a tack driven a wooden peg set in the ground 5 chs. N. of my station.

August 15,1917: At 8^h00^ma.m., l.m.t., I lay off the azimuth of Pol. 93 minutes to the W., and mark the mer. thus determined, by a tack in the peg previously set, on which the mer. falls 0.10 ins. W. of the mark determined by the Pol. obsn. of August 13,1917. The two observations on Pol. determined positions for the meridian within 2 minutes of arc of each other. I adopt the mean of the two determinations as the true mer. and prolong the same throughout the survey by sustained angulation.
The mag. bearing of the true mer. at this cor. at 5^h00^mp.m., is N.21°35'W.; the angle thus determined gives the mag. decl. 21°35'E.

TIE LINES

August 14, 1917; Preliminary to the survey of this Homestead Entry, I make the following connection: Begining at point for Cor. No. 1 fo this survey, thence by traverse:
N.7°29'E. 1.82 chs.
S. 78°00'W. 5.87 "
S.30°00'W. 2.28 chs.
S.23°00'E. 8.03 "
S.55°00'W. 2.22 "
S.3° 30'E. 3.50 "
S.39°30'E. 5.94 "
S.10°30'E. 8.48 "
S.42°30'E. 9.20 "
S.25°00'W. 6.90 "
S.50°00'W. 2.44 "
S.82°30'W. 7.84 "
N.88°00'W. 3.04 "
S.88°15'W. 1.80 "

R. O. WAY, PRINTERS, PORTLAND, ORE. 11-27-X

CHAINS

S.86°25'W. 8.30 chs. "to the cor. of secs. 4,5,32 and 33, Tps. 34 and 35S., R13W., W.M. Oregon, which is a sandstone 8x8x4 ins. above ground, firmly set, mkd. as described in the field notes of H.E.S. No. 228 and witnessed as described by the Surveyor General. The true bearing and length of this line is N.24°40'E. 45.85 chs., as determined by calculation:

Bearings	Distance	North	South	East	West
N. 7°29'E.	1.82	1.80	..	.24	..
S.78°00'W.	5.87	..	1.22	..	5.74
S.30°00'W.	2.28	..	1.97	..	1.14
S.23°00'E.	8.03	..	7.39	3.14	..
S.55°00'W.	2.22	..	1.27	..	1.82
S. 3°30'E.	3.50	..	3.49	.21	..
S.39°30'E.	5.94	..	4.58	3.78	..
S.10°30'E.	8.48	..	8.34	1.55	..
S.42°30'E.	9.20	..	6.78	6.22	..
S.25°00'W.	6.98	..	6.33	..	2.95
S.50°00'W.	2.44	..	1.57	..	1.87
S.89°30'W.	7.84	..	.07	..	7.84
N.88°00'W.	3.04	.11	..	..	3.04
S.88°15'W.	1.60	..	.05	..	1.60
S.86°25'W.	8.30	..	.52	..	8.28
Calculated courses		1.91	43.58	15.14	34.28
N.24°40'E.	45.85	41.67	..	19.14	..
		43.58	43.58	34.28	34.28

$\frac{19.14}{41.67}$ = tan. angle $\frac{41.67}{\cos. 24°40'}$ = distance

Beginning at point for corner No. 3 of this survey, identical with Cor. No.2 of the listing survey, thence by traverse:

N.56°28'W. 6.24 chs.
N. 6°00'W. 3.72 "
N. 2°30'E. 20.01 "
N.26°45'E 8.34 "
N.21°00'W. 9.98 "
N.79°05'W. 1.56 "
S.79°44'E. 6.57 " to Cor. No. 1 of unapproved H.E.S. No. 228, which is a tan oak tree 36 ins. dia., mkd. and witnessed as described in the field notes of H.E.S. No. 228. The true bearing and length of this line is N.0°30'E., 43.04 chs. as determined by calculation:

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N.56°28'W.	6.24	3.45	..	..	5.20
N. 6°00'W.	3.72	3.70	..	..	.39
N. 2°30'E.	20.01	19.99	..	.87	..
N.26°45'E.	8.34	7.45	..	3.75	..
N.21°00'W.	9.98	9.32	..	..	3.58
N.79°05'W.	1.56	.30	..	..	1.53
S.79°44'E.	6.57	..	1.17	6.46	..
Calculated courses		44.21	1.17	11.08	10.70
S. 0°30'W.	43.04	..	43.04	..	.38
		44.21	44.21	11.08	11.08

$\frac{.38}{43.04}$ = tan. angle $\frac{43.04}{\cos. 0°30'}$ = distance

G. C. WAX, PRINTERS PORTLAND, ORE. 89434

CHAINS

H.E.S. No. 205

All listing cors. referred to herin are properly identified being mkd. and witnessed as described by the Forest Service in the listing survey.

August 14, 1917: Beginning at point for cor. No. 1 of this survey, identical with Cor. No. 1 of the listing (identical with a Forest Service Monument) survey, which is a fir tree 36" dia., I destroy the marks of the listing survey and in it's place establish Cor. No. 1 of this survey as follows:

Mark the tree above described, 1 HES 205, on side facing the claim. from which:

A tan oak, 6 ins. dia. bears S.13°45'W., 26 lks. dist. mkd. X 1 HES 205 B.T.

A myrtle, 12 ins. dia. bears N.53°30'E., 95 lks. dist. mkd. X 1 HES 205 B.T.

Raise a mound of stone,3ft. base 2 ft. high, 3-½ ft. dist. within the claim.

The cor. of secs. 4,5,32,and 33 heretofore described, bears S.24°40'W. 45.85 chs. dist.

Thence N.3°54'E. on a true line.

Descend NW. slope 20 ft. through timber and underbrush

2.20 Foot of slope: over level land along left bank Lobster Creek.

24.41 To angle point, as intended by the District Forestor, which I establish as Cor. No. 2 of this survey, as follows:

SET a serpentine stone 28x9x9 ins. 18 ins. in the ground, over a stone mkd., with a cross for Cor. No. 2 of this survey, mkd. 2 HES 205 on side facing the claim.

From which:

A fir 48 Ins.dia. bears S.49°30'E., 27 lks. dist. mkd. X 2 HES 205 B.T.

A fir, 48 ins. dia., bears N.49°30'E. 65 lks. dist mkd. X 2 HES 205 B.T.

Raise a mound of stone 4 ft. base, 2 ft. high. 3-½ ft. dist within the claim.

Thence N27°04'E. on a true line.

Along gradual NW. slope near Lobster Creek through timber and underbrush.

13.41 To point for cor. No. 3 of this survey, identical with Cor. No. 2 of the listing survey which I now destroy and in its place establish, Cor. No. 3 of this survey as follows:

Set a serpentine stone, 26x8x6 ins., 16 ins. in the ground over a stone mkd. with a cross for Cor. No. 3 of this survey, mkd. 3 HES 205, on side facing the claim.

From which:

A fir, 8 ins. in dia. bears, N79°00'W. 6 lks. dist. mkd. X 3 HES 205 B.T.

A cedar, 5 ins. dia. bears N.0°45'E., 29 lks. dist. mkd. X 3 HES 205 B.T.

Raise a mound of stone 4 ft. base, 2 ft. high. 3-½ ft. dist. within the claim.

Cor. No. 1 of HES. No 228, heretofore described,bears N.0°30'E. 43.04 chs. dist. August 14, 1917

August 15, 1917: From Cor. No. 3 of this survey, above described, thence, S.72°58'E. an a true line.

Ascend gradual NW. slope 200 ft. through timber and underbrush.

23.65 To point for Cor. No. 4, identical with Cor. No. 3 of the listing survey, which I now destroy and in its place establish Cor. No. 4 of this survey as follows:

Set a shale stone, 24x10x8 ins., 14 ins. in the ground. over a stone mkd., with a cross for Cor. No. 4 of this survey, mkd. 4 HES 205 on side facing the claim.

B.G. VAN PRINNER PORTLAND ORE. 8-27-28

CHAINS From which:
A myrtle, 9 ins. dia. bears S.23°45'E., 47 lks. dist. mkd. X 4 HES 205 B.T.
A myrtle 3 ins. dia. bears N. 46°00'E. 3 lks. dist. mkd. X 4 HES 205 B.T.
Raise a mound of earth 4 ft. base 2 ft high, 3-½ ft. dist. within the claim.

Thence S 17°13'W. on a true line
Along broken NW. slope through timber and underbrush
10.10 To point for Cor. No. 5 of this survey, identical with Cor. No. 4 of the listing survey, which I now destroy and in its place establish Cor. No. 5 of this survey as follows: Set a limestone stone 24x12x8 ins 14 ins. in the ground, over a stone mkd with a cross for Cor. No. 5 of this survey mkd. 5 HES 205 on side facing the claim., From which:
A fir 8 ins., dia. bears N9°00'W. 31 lks. dist. mkd. X 5 HES 205 BT.
A fir 3 ins. dia bears N54°30'W., 19 lks. dist. mkd. X 5 HES 205 BT.
Raise a mound of earth, 4 ft. base, 2 ft. high 3-½ ft dist. within the claim.

Thence: S. 73°04'W. on a true line.
Descend NW. slope 100 ft. through timber and underbrush
16.94 To point for Cor. No. 6 of this survey, identical with Cor. No. 5 of the listing survey which I now destroy and in its place establish Cor. No 6 of this survey as follows : Set a slate stone, 26x14x10 ins. 16 ins. in the ground over a stone mkd. with a cross for Cor. No. 6 of this survey mkd. 6 HES 205 on side facing the claim. From Which:
A tan oak, 20 ins. dia. bears S.58°00'W., 23 lks dist. mkd X 6 HES 205 BT.
A tan oak, 15 ins. dia. bears N76°45'E., 139 lks. dist. mkd. X 6 HES 205 BT.
Raise a mound of earth 4 ft. base 2 ft. high 3-½ ft. dist. within the claim. August 15, 1917.

August 16, 1917: From Cor No 6 of this survey above Described thence: S15°17'E on a true line.
Ascend gradual W slope, 50 ft. through timber and underbrush.
20.75 To point for cor. No. 7 of this survey, identical with Cor. No. 6 of the listing survey, which I now destroy and in its place establish Cor. No. 7 of this survey as follows: Set a slate stone , 24x12x5 ins., 14 ins in the ground, over a stone mkd. with a cross for Cor. No. 7 of this survey, mkd. 7 HES 205 on side facing the claim, From Which:
A tan oak, 5 ins dia. bears N71°30'E., 24 lks. dist., mkd. X 7 HES 205 BT.
A tan oak 6 ins. dia., bears S 70°00'W., 14 lks. dist. mkd X 7 HES 205 BT.
Raise a mound of earth 4ft. base, 2 ft. high 3-½ ft dist. within the claim.

Thence N.75°00'W. on a true line.
Descend westerly slope 130 ft. through timber and underbrush.
17.00 To Cor. No 1 of this survey, heretofore described, the place of beginning.

AREA

Tatal area of HES No. 205 63.05 acres.

IMPROVEMENTS

Shake House 10x20 ft. course of long sides N.and S., the SW. cor. of which bears N.46°30'E 1.30 chs. dist. from Cor. No. 2 Value $75.00

D. C. WALL PRINTERS - PORTLAND, ORE. - 8623A

CHAINS

	Value
3 acres under cultivation	300.00
Total value of improvements	375.00

GENERAL DESCRIPTION

The area within the boundaries of this survey slopes generally to the west.
The soil is first-rate caple of raising hay, garden truck and fruit.
Water for domestic use is obtained from Lobster Creek west of the claim.
The character of the land is non-mineral.
The nearest post office and sourse of supplies is Wedderburn, about 25 miles to the south and the nearest railroad point is Powers, about 22 miles to the north on the Souther Pacific Ry.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicks.
Unapproved HES. No. 228 lies north of this claim,about 40 chs. dist. as shown in the tie at Cor. No 3 of this survey.

LOCATION

This homestead as determined by the tie line from Cor. No. 1 is located in unsurveyed Sec. 33. T34S R13W. WM. Oregon not Sec. 28 as shown in the listing survey.

REPORT

The survey of this homestead entry embraces an area as intended to be listed by the District Forestor.
Gross errors in the bearings and distance af the listing survey were noted, but the survey, as made, includes the land applied for by the claiment.
It was the intention of the District Forestor to include all the agricultural land east of Lobster Creek, therfore, an extra corner was put in.
No officer qualified to administer on this was available therefore, the final affidavit of assistance was made before the surveyor in his official capacity.

BOUNDARIES OF HES. NO. 205

Bearing	Distance	North	South	East	West
N. 3°54'E.	24.41	24.35	..	1.66	..
N.27°04'E.	13.41	11.94	..	6.10	..
S.72°58'E.	23.65	..	6.93	22.61	..
S.17°13'W.	10.10	..	9.65	..	2.99
S.76°04'W.	16.94	..	4.08	..	16.44
S.15°17'E.	20.75	..	20.02	5.47	..
N.75°00'W.	17.00	4.40	..	..	16.42
	126.26	40.69	40.38	35.84	35.85

Error in lat. = 1 lk.
Error in dep. = 1 lk.
Error of closure = 1.3928

August 16, 1917.

Ben A Eddy
Forest Ranger
F.S.

County Surveyor's Record, Curry County, Oregon

D. C. WAY, PRINTERS, PORTLAND, ORE. 85234

CHAINS

U. S. WAR PRINTERS PORTLAND, ORE. 8623A

CHAINS

FIELD NOTES
of
Homestead Entry Survey No. 228
Situated in the Siskiyou National Forest
Administrative District No. 6
In Sec. 28 unsurveyed Township 34S., Range 13W. of the WM.
State of Oregon.

Applicant for listing Wm. Carter
Residence Wedderburn, Oregon
Application No. 430 dated October 23, 1916
List No. 6 - 1915 dated May 13, 1916

Applicant for survey William Carter
Residence Wedderburn, Oregon
H.E. No. 010770 dated September 23, 1916
Land Office - Roseburg, Oregon

Survey executed by Ben A. Eddy, Forrest Ranger
Under special instructions dated March 15, 1917
Survey commenced August 10,1917
Survey completed August 13. 1917
Under Acts of June 11, 1906 and March 4, 1917
Accepted by the Hon. Commissioner G.L.O. May 27, 1919.

Entryman: William Carter
H.E. No. 010770 , dated September 23, 1916.
Land Office- Roseburg, Oregon
Survey commenced August 10, 1917, and executed with a W.&L.E. Gurley light mountain transit No. 12985: the horizontial limb having two verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the vernier of the latitude arc. 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,11, 1917.
All measurements, unless otherwise specified, are made with a 1/8 inch steel tape, 8 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 establish a meridian by observations on Polaris I proceed as follows:
August 10, 1917: At point for cor. No. 1 of the Homestead Entry Survey, at 10^h19^mp.m. l.m.t., I obs. Pol. at E. elong., and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chs. N. of my station.

August 11, 1917: At 8^h00^ma.m., l.m.t., I lay off the azimuth of Pol. 93 minutes to the W. and mark the mer. thus determined by a tack in a peg set in the ground 4 chs. N. of my station.
At this point, I determine the lat. of my station by observing the sun at its highest point at apparent noon. Mean of two angles to sun's upper limb is 62°56'30" declination at time of observation is 15°16'25"N. resulting lat. is 42°36'N. The long as determined from a reliable and accurate map is 124°14'W.
At 10^h15^mp.m. l.m.t., I obs. Pol. at E elong., and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chs. N of my station.

CHAINS

August 12, 1917: At 8h00m a.m. 1,m.t., I lay off the azimuth of Pol. 93 minutes to the W. and mark the mer. thus determined, by a tack in the peg previously set, on which the mer. falls 0.10 ins. W. of the mark determined by Pol. obsn. of August 11, 1917. The two observations on Pol. determine positions for the meridian within 2 minutes of arc of each other. I adopt the mean of the two determination as the true meridian and prolong the same throughout the survey by sustained angulat The mag. bearing of the true mer. at this cor. at 5h00m p.m. is N.21°35'W., the angle thus determined gives the mag. decl. 21°35'E., The mean mag decl. is 21°36'E.

TIE LINE

August 11, 1917: Preliminery to the survey of this Homestead Entry, I make the following connection:
Beginning at point for Cor. No. 1 of this survey, thence by traverse:

N.79°44'W.	6.57 chs.
S.79°05'E.	1.56 "
S.21°00'E.	9.98 "
S.26°45'W.	8.34 "
S. 2°30'W	20.01 "
S. 6°00'E.	3.72 "
S.56°28'E.	6.24 "
S.12°03'W.	37.15 "
N. 7°29'E.	1.82 "
S.78°00'W.	5.87 "
S.30°00'W.	2.28 "
S.23°00'E.	8.03 "
S.55°00'W.	2.22 "
S. 3°30'E.	3.50 "
S.39°30'E.	5.94 "
S.10°30'E.	8.48 "
S.42°30'E.	9.20 "
S.25°00'W.	6.98 "
S.50°00'W.	2.44 "
S.89°30'W.	7.84 "
N.88°00'W.	3.04 "
S.88°15'W.	1.60 "
S.86°25'W.	8.30 "

to the cor. of secs. 4,5,32 and33, Tps. 34 and 35S. R13W., W.M. Oregon, which is a post 4x4x24 ins. above ground mkd. and witnessed as described by the Surveyor General. Owing to the dilapidated condition of the post I destroy it and in its place set a sandstone 18x8x4 ins. 12 ins. in the ground and mark it with 2 grooves on the west and 4 grooves on the east face. (The true bearing and length of this line is S.12°42'W. 124.08 chs. as determined by calculation.)

Bearings	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N.79°44'W.	6.57	1.17	..	..	6.46
S.79°05'E.	1.56	..	.30	1.53	..
S.21°00'E.	9.98	..	9.32	3.58	..
S.26°45'W.	8.34	..	7.45	..	3.75
S. 2°30'W.	20.01	..	19.99	..	.87
S. 6°00'E.	3.72	..	3.70	.39	..
S.56°28'E.	6.24	..	3.45	5.20	..
S.12°03'W.	37.15	..	36.33	..	7.76
N. 7°29'E.	1.82	1.80	..	.24	..
S.78°00'W.	5.87	..	1.22	..	5.74
S.30°00'W.	2.28	..	1.97	..	1.14
S.23°00'E.	8.03	..	7.39	3.14	..
S.55°00'W.	2.22	..	1.27	..	1.82
S. 3°30'E.	3.50	..	3.49	.21	..
S.39°30'E.	5.94	..	4.58	3.78	..
S.10°30'E.	8.48	..	8.34	1.55	..

D. C. WAX, PRINTERS PORTLAND, ORE. 56Z5A

CHAINS

Bearing	Distance	North	South	East	West
S.42°30'E.	9.20	..	6.78	6.22	..
S.25°00'W.	6.98	..	6.33	..	2.95
S.50°00'W.	2.44	..	1.57	..	1.87
S.89°30'W.	7.84	..	.07	..	7.84
N.88°00'W.	3.04	.11	..	..	3.04
S.88°15'W.	1.60	..	.05	..	1.60
S.86°25'W.	8.30	..	.52	..	8.28
		3.08	124.12	25.84	53.12
Calculated courses					
N.12°42'E.	124.08	121.04	..	27.28	..
		124.12	124.12	53.12	53.12

$\frac{27.28}{121.04}$ = tan. angle. $\frac{121.04}{\text{COS.}12°42'}$ = distance

---

H.E.S. No. 228

All listing cors. referred to herein are properly identified, being mkd. and witnessed as described by the Forest Service in the listing survey.

August 12,1917: Beginning at point for Cor. No. 1 of this survey, identical with Cor. No.3 of the listing
(Identical with Forest Service Monument)
survey which is a tan oak tree 36 ins. dia., I destroy the marks of the listing survey and in its place establish Cor. No. 1 of this survey as follows:

Mark the tree above described, 1 HES 228, on side facing the claim for Cor. No. 1 of this survey, From Which:

A maple, 20 ins. dia., bears N.5°30'W., 77 lks dist. mkd. X 1 HES 228 BT.

A cedar, 6 ins.dia., bears S.33°30'E., 77 lks. dist. mkd. X 1 HES 228 BT.

Raise a mound of earth, 4 ft. base, 2 ft. high, 3-½ ft. dist. within the claim.

The cor. of secs. 4,5,32 and 33, heretofore described, bears S.12°42'W., 124.08 chs. dist.

Thence:

N.79°44'W., on a true line

Descend w. slope 20 ft. through timber and underbrush.

1.00 Foot of slope across bottom land.

5.75 Lobster Creek, 30 lks. wide, course S.

6.57 To point for cor. No. 2 of this survey, identical with Cor. No. 2 of the listing survey, which I now destroy and in its place establish Cor. No. 2 of this survey as follows:

Set a basalt stone, 26x12x10 ins. 16 ins. in the ground, over a stone mkd. with a cross for Cor. No. 2 of this survey, mkd. 2 HES 228 on side facing the claim.

From which:

A myrtle, 6 ins. dia. bears N.76°30'E., 6 lks. dist., mkd, X 2 HES 228 BT.

A fir, 30 ins. dia. bears S.53°45'W., 28 lks. dist., mkd. X 2 HES 228 BT.

Raise a mound of earth,, 4 ft. base 2 ft. high, 3-½ ft. dist., within the claim.

Thence:

N.4°41'E on a true line

Over level ground through timber and underbrush

13.40 Right bank Lobster Creek, course S.E.

16.20 Left " " " " "

23.87 To point for Cor. No. 3 of this survey identical with Cor. No. 1 of the listing survey and Forest Service Monument, which I now destroy and in its place establish Cor. No. 3 of this survey as follows:

Set a basalt stone, 24x8x4 ins. 14 ins. in the ground over a stone mkd. with a cross for Cor. No. 3 of this [illegible] mkd. 3 HES 228 on side facing the claim.

D. C. WAY PRINTERS PORTLAND, ORE. 89234

CHAINS

From which:
A myrtle, 5 ins. dia. bears N.39°00'E., 75 lks. dist. mkd. X 3 HES 228 BT.
A myrtle, 8 ins. dia., bears, S.71°30'E., 78 lks. dist. mkd. X 3 HES 228 BT.
Raise a mound of earth, 4 ft. base, 2 ft. high, 3-½ ft dist. within the claim. August 12,1917.

August 13,1917: From Cor. No. 3. of this survey, above described,
Thence,
N.52°04'E. on a true line
Ascend broken SW. slope, 75 ft. through timber and underbrush
16.21 To point for cor. No. 4 of this survey, identical with Cor. No. 7 of the listing survey, which I now destroy and in its place establish Cor. No. 4 of this survey, as follows:
Set a sandstone stone, 24x10x4 ins. 14 ins in the ground, over a stone mkd. with a cross for Cor. No. 4 of this survey mkd., 4 HES 228 on side facing the claim. From which:
A tan oak, 8 ins., dia. bears N28°45'W., 7 lks. dist., mkd. X 4 HES 228 BT.
A hemlock, 8 ins. dia., bears S.65°00'E., 27 lks. dist., mkd. X 4 HES 228 BT.
Raise a mound of earth 4 ft. base, 2 ft. high, 3-½ ft. dist., within the claim.

Thence:
S.80°10'E., on a true line.
Ascend broken SW. slope 50 ft. through timber and underbrush.
9.43 To point for Cor. No 5 of this survey, identical with Cor. No. 6 of the listing survey, which I now destroy and in its place establish Cor No. 5 of this survey as follows:
Set a sandstone stone, 24x12x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 5 of this survey mkd. 5 HES 228 on side facing the claim.From which:
A tan oak, 4 ins dia., bears N.11°45'W., 12 lks. dist. mkd. X 5 HES 228 BT.
A fir, 5 ins dia., bears S.3°15'E., 29 lks. dist. mkd. X 5 HES 228 BT.
Raise amound of earth 4 ft. base, 2 ft. high 3-½ ft. dist within the claim.

Thence
S.35°05'E., on a true line.
Ascend broken W slope 50 ft. through timber and underbrush.
8.00 Top of slope, along SW. slope
14.74 To point for Cor No. 6 of this survey, identical with Cor. No. 5 of the listing survey, which I now destroy and in its place establish Cor. No. 6 of this survey as follows:
Set a slate stone, 30x16x12 ins. 20 ins. in the ground, over a stone mkd, with a cross for Cor No. 6 of this survey, mkd 6 HES 228 on side facing the claim. From which:
A Hemlock, 10 ins., dia. bears N.37°15'W., 35 lks. dist., mkd. X 6 HES. 228 BT.
A hemlock, 6 ins diam. bears S.31°00'E., 15 lks. dist. mkd. X 6 HES 228 BT.
Raise a mound of earth 4 ft. base 2 ft high 3-½ ft dist. within the claim.

Thence;
N.89°00'w., on a true line.
Ascend gradual NE. slope, 75 ft. through scattering timber and underbrush.
11.50 Top of slope, descend SW. slope 20 ft.
14.31. To point for Cor. No. 7 of this survey, identical with Cor No. 4 of the listing survey, which I now destroy and in its place establish Cor. No 7 of this survey as follows:

D. C. WAX PRINTERS PORTLAND, ORE. 89238

CHAINS Set a quartzite stone, 24x12x8 ins. 14 ins. in the ground over a stone mkd. with a cross for Cor. No 7 of this survey, mkd. 7 HES 228 on side facing the claim. From which:
A hemlock, 5 ins. dia., bears N77°00'E., 11 lks. dist. mkd. X 7 HES 228 BT.
A fir, 5 ins. dia. bears, N 84°34'W., 14 lks, dist., mkd. X 7 HES 228 BT.
Raise amound of earth 4 ft base, 2 ft high 3-½ ft dist. within the claim.

Thence
S,28°37'W., on a true line.
Descend gradual SW. slope 210 ft through timber and underbrush.
24.49 To Cor. No 1 of this survey, heretofore described, the place of begining.

AREA

Total area of HES No. 228 52.06 acres

IMPROVEMENTS

Log residence 16x18 ft., course of long sides N. and S., the SE. Cor. of which bears N.38°30'W.
6.50 chs. dist. from Cor. No. 7 Value $250.00
Shake barn, 12x14 ft., course of long sides E. & W. the SE. cor. of which bears N.25°00'W. 9.60 chs. dist. from Cor. No. 7. Value 50.00
2 acres cultivated land " 200.00
Total value of improvements $500.00

GENERAL DESCRIPTION

The area within the boundaries of this survey slopes generally to the west.
The soil is first-rate, caple of raising hay and garden truck.
Water for domestic use is obtained from a spring near the house.
Lobster Creek runs through the west part of the claim
The charcter of the land is non-mineral.
The nearest post office and sourse of supplies is Wedderburn, about 25 miles to the south and the nearest railroad is Powers. about 22 miles to the north on the Southern Pacific Ry.

Conflicts and Adjoining Claims

There are no conflicts or adjoing claims. List No.6-1398, unsurveyed HES No. 205 lies about ½ mile south.

Location

This homestead is located in unsurveyed Section 28 T.34S., R13W., WM. Oregon.

Report

The survey of this homestead embraces an area wholly confined within the listed and entered descriptions. No offocer qualified to administer oaths was available; therfore the final affidavit of assistants was made before the surveyor in his official capacity.

Boundaries Of HES No. 228

D. C. WAX, PRINTERS PORTLAND, ORE. 8623A

CHAINS

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N.79°44'W.	6.57	1.17	..	..	6.46
N. 4°41'E.	23.87	23.79	..	1.95	..
N.52°04'E.	16.21	9.96	..	12.79	..
S.80°10'E.	9.43	..	1.61	9.29	..
S.35°05'E.	14.74	..	12.06	8.47	..
N.89°00'W.	14.31	.25	..	..	14.31
S.28°37'W.	24.49	..	21.50	..	11.73
	109.62	35.17	35.17	32.50	32.50

Error in lat. = 0 lks.
" " Dep. = 0 "
Error of clousure = 0

August 13,1917

Ben A. Eddy

Forest Ranger
F.S.

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 173
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6

approx.
In/Section 34, unsurveyed, Township 35 S., Range 11 W.
" " " 3 " " 36 S. " 11 W.

of the
Willamette Meridian.
State of
Oregon.

Applicant for listing J. O. Callahan

Residence Wakefield, California.

Application No. 117, dated December 16, 1908

List No. 6-1198, dated February 9, 1914.

Applicant for survey John S. Murray

Residence Agness, Oregon.

H. E. No. 09697, dated August 12, 1914.

Land District Roseburg, Oregon.

Survey executed by H. F. Mader, Surveyor-Draftsman.

Under special instructions dated December 11, 1915.

Survey commenced September 10, 1916.

Survey completed September 12, 1916.

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

ACCEPTED BY THE HON. COMMISSIONER G. L. O. December 22, 1917

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted H. F. Mader, Surveyor-Draftsman in surveying all those parts or portions of Homestead Entry Survey No. 173, 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

Chainman, (signed) Ben A. Eddy
Axeman, (signed) John C. Shade

Subscribed and sworn to before me this 12th day of September, 1916.

(signed) H. F. Mader
Surveyor-Draftsman.

OATH OF SURVEYOR

I, H. F. Mader, Surveyor-Draftsman. do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated December 11, 1915, 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. 6-1198, dated Feb. 9, 1914, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 173, situated within the SISKIYOU National Forest, in approx. unsurveyed Section 34, Township 35 S., Range 11 W., and unsurveyed Section 3, Township 36 S., Range 11 W. 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.

(signed) H. F. Mader
Surveyor-Draftsman.

Subscribed and sworn to before me this 6th day of December, 1916.

(SEAL) (signed) Georgene L. Miller
Notary Public

HOMESTEAD ENTRY SURVEY NO. 173 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Entryman - John S. Murray

H. E. No. 09697, dated August 12, 1914.

Land District - Roseburg, Oregon.

Survey commenced September 10, 1916, and executed with a W. & L. E. Gurley light mountain transit No. 12533 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 lat. and decl. 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, August 8, 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:

September 10, 1916: At cor. No. 1 of this survey, hereinafter described, identical with cor. No. 1 of listing survey, properly identified, in lat. 42°30' N., long. 124°01' W., as obtained from blue print accompanying Special Instructions and verified by me, I set off 42°30' N. on the lat. arc; 4°48' N. on the decl. arc, and at 4:00 p.m., l.m.t., determined a meridian with the solar and mark a point thereof on a peg firmly set in the ground, 5 chs. N. of the cor.

At 8^h16^m p.m., l.m.t., I observe Polaris at E. elong., and mark a point in the line thus determined on a peg firmly set in the ground, 5 chs. N. of the cor.

September 10, 1916.

September 11, 1916: At 7^h30^m a.m., l.m.t., I lay off the azimuth of Polaris 1°33' to the W. and mark the true meridian thus determined by a tack in the peg set on September 10, on which the true meridian falls 0.15 ins. E. of the mark determined by the solar.

At 8:00 a.m., l.m.t., I set off 42°30' N. on the lat. arc; 4°33' N. on the decl. arc, and mark a point determined with the solar, by a tack in the peg already set in the ground, 5 chs. N. of my station; this mark falls 0.2 ins. east of the meridian established by the Polaris observation.

The solar apparatus by p.m. and a.m. observations defines positions for the meridian less than one minute of arc from the meridian established by the Polaris obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.

September 11, 1916: At the above mentioned cor. I set off 4°29' N. on the decl. arc, and at 11^h57^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°30' N., long. 124°01' W.

HOMESTEAD ENTRY SURVEY NO. 173 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

The magnetic bearing of the true meridian at this cor. at 8:00 a.m., l.m.t., is N. 19°24' W.; the angle thus determined gives the magnetic decl. 19°24' E. The mean magnetic decl. is 19°21' E.

TIE LINE

September 11, 1916: Preliminary to the survey of this Homestead Entry, I make the following connections:

Commencing at cor. No. 1 of this survey, hereinafter described, I run by traverse

N. 88°47' W., 58.70 chs.

S. 82°50' W., 35.60 chs.

N. 59°00' W., 17.35 chs. to the cor. of secs. 4, 5, 32 and 33, Tps. 35 and 36 S., R. 11 W., Willamette Meridian, Oregon, which is a slate rock, 10x12x6 ins., above ground, firmly set, marked and witnessed as described in field notes of H.E.S. No. 118.

The true bearing and length of this tie line from cor. No. 1 of this survey is N. 86°58'37" W., 109.03 chs., as determined by calculation.

Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
N88°47'W	58.70	1.25			58.69
S82°50'W	35.60		4.44		35.32
N59°00'W	17.35	8.94			14.87
		10.19	4.44		108.88
Cal. Course					
S86°58'37"E	109.03		5.75	108.88	
		10.19	10.19	108.88	108.88

$\frac{108.88}{5.75}$ = tan. angle $\frac{108.88}{\sin. 86°58'37"}$ = distance.

log. 108.88 = 2.036948 log. 108.88 = 2.036948
log. 5.75 = 0.759668 log. sin.86°58'37" = 9.999395
log.tan.86°58'37" = 11.277280 log. 109.03 = 2.037553

September 12, 1916: Commencing at cor. No. 1 of this survey, hereinafter described, I run by traverse

S. 1°48' E., 19.45 chs.

S. 7°30' W., 11.49 chs.

to cor. No. 2 of H.E.S. No. 118, which is a stone, marked and witnessed as described in field notes of H.E.S. No. 118.

The true bearing and length of this line from cor. No. 1 of this survey is S. 1°39'13" W., 30.84 chs., as determined by calculation.

Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
S 1°48'E.	19.45		19.44	.61	
S 7°30'W.	11.49		11.39		1.50
			30.83	.61	1.50

$\frac{.89}{30.83}$ = tan. of angle. $\frac{30.82}{\cos. 1°39'13"}$ = distance.

Cal. course					
N 1° 39' 83"E.	30.84	30.83		.89.	
		30.83	30.83	1.50	1.50

HOMESTEAD ENTRY SURVEY NO. 173 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	log. .89 = 9.949390 log. 30.83 = 1.488974 log. 30.83 = 1.488974 log.cos.1°39'13" = 9.999819 log.tan.1°39'13" = 8.460416 log. 30.84 = 1.489155
	All listing cors. referred to herein are properly identified, being marked and witnessed as described by the Forest Service in the listing survey.
	H. E. S. No. 173
	September 12, 1916: Beginning at cor. No. 1 of this survey, on the right bank of Indigo Creek, approximately 45 ft. above creek (bank nearly perpendicular), identical with cor. No. 1 of listing survey, which I destroy, and in its place set a granite stone, 24x12x14 ins., 14 ins. in the ground, over a stone, marked with a cross for meander cor. and cor. No. 1 of this survey, marked MC on side facing the creek, and 1 HES 173 on side facing the claim; - from which -
	A live oak, 20 ins. diam., bears N. 55°30' W., 8 lks. dist., marked X 1 HES 173 M C B T
	A fir, 12 ins. diam., bears S. 65°00' E., 19 lks. dist., marked X 1 HES 173 M C B T.
	Raise a mound of stone, 4 ft. base, 3 ft. high, 3½ ft. dist. on line NE. of cor.
	From this cor., cor. of secs. 4, 5, 32, 33, Tps. 35 and 36 S., R. 11 W., bears N. 86°58'37" W., 109.03 chs. dist.
	From this cor., cor. No. 2 of H.E.S. No. 118 bears S. 1°39'13" W., 30.84 chs. dist.
	Thence I run
	N. 41°00' E., on a random line, and at 29.24 chs. fall 82 lks., S. 49°00' E. of cor. No. 3 of listing survey.
	(The true bearing and length of this line is N. 39°24' E., 29.25 chs.)
	Returning to cor. No. 1 of this survey, above described, I run
	N. 39°24' E. on a true line
	Ascend thru oak and scattering fir timber with heavy growth of young fir along SE. slope to
12.00	Trail bears NE. and SW. From this point, cor. of fence bears SE. 0.65 chs. dist.; thence fence bears S. 10°00' E. and N. 35°00' E.
19.50	Intersect fence, bears N. 35°00' E. and S. 35°00' W.
21.00	Leave oak and fir timber and brush.
22.85	Cross spring branch, 1 lk. wide, course SE.; enter open fir timber.
29.25	Cor. No. 2, identical with cor. No. 3 of listing survey, which I destroy, and in its place

HOMESTEAD ENTRY SURVEY NO. 173 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Set a granite stone, 24x12x12 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 173 on side facing the claim; - from which -

A fir, 20 ins. diam., bears N. 81°15' E., 75 lks. dist., marked X 2 HES 173 B T

A maple, 4 ins. diam., bears N. 6°00' W., 23 lks. dist., marked X 2 HES 173 B T

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

(Cor. No. 2 under fence)

From this cor., the Kerby-Agness trail bears NE. 10 lks. dist.; thence SW., ascending high spur of main ridge.

Thence I run

S. 49°10' E., on a true line, (objective cor. in sight) over level land, thru open stand of large fir timber, along fence.

5.17 To witness cor., to cor. No. 3, identical with cor. No. 2 of listing survey, near right bank of Indigo Creek, which I destroy and in its place

Set a granite stone, 24x6x10 ins., 14 ins. in the ground, over a stone marked with a cross for witness cor. to meander cor. and cor. No. 3 of this survey, marked W C M C on side facing the Creek, and 3 HES 173 on side facing the claim; - from which -

A tan oak, 10 ins. diam., bears N. 43° E., 55 lks. dist., marked X 3 HES 173 W C M C B T

A fir, 18 ins. diam., bears N. 43°15' W., 65 lks. dist., marked X 3 HES 173 W C M C B T

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

From this cor. the Kerby-Agness Trail bears NE. 10 lks. dist.; thence bears NE. and crosses Indigo Creek.

5.62 True point for meander cor. and cor. No. 3 of this survey, which falls on side of steep bank of creek impossible to set.

From this cor., Fork of Indigo Creek bears N.E.

From true point for cor. No. 3 of this survey, above described, I run meanders of right bank of Indigo Creek downstream, through heavy brush -

S29°14' W.	8.43 chs.
S21°49'W.	12.63 chs.
S78°27'W.	7.63 chs.
N83°25'W.	3.22 chs.
N72°25'W.	2.25 chs.
N62°52'W.	1.34 chs. to cor. No. 1, the place

of beginning.

HOMESTEAD ENTRY SURVEY NO. 173 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

September 12, 1916: At this cor., I set off 4°06' N. on the decl. arc, and at $11^{h}56^{m}$, l.m.t., observe the sun on the meridian; the resulting lat. is +42°30' N.

Total area of H.E.S. No. 173 - 22.23 acres

IMPROVEMENTS

	Value
Log house, 16x20 ft., longsides N.W. and S.E., the northerly cor. of which bears S. 24° W., 6.50 chs. dist. from cor. No. 2,	$100.00
Shake barn, 24x28 ft., 15 ft. high, longsides N. 82°00' W., and S. 82°00' E., the northeast cor. of which bears S. 30°45' W., 10.50 chs. dist. from cor. No. 2,	100.00
Shake shed, 8x9 ft., longsides N.E. and S.W., the Northerly cor. of which bears S. 27°30' W., 6.75 chs. dist. from cor. No. 2,	20.00
About 5½ acres, fenced and under cultivation, also about 7 acres cleared and under fence,	750.00
Total Value -	$970.00

This Homestead Entry lies on bottom land at foot of ridge, on the north side of Indigo Creek, which averages 1.50 chs. in width. The general slope is southeasterly and the claim is practically level. There is a small mixed stand of fir, oak and maple timber on this claim. About 75% of the claim can be placed under cultivation.

The land is well adapted to the production of hay, grain, fruit, vegetables and berries. The entryman is experimenting with alfalfa. He obtained a good start, but lost entire planting of one acre through depredations of deer.

The land can be easily irrigated from a branch of Indigo Creek which runs about 2.50 chs. east of the east bdy. of the claim; abundance of water being available.

The region in general is characterized by long wet winters with but little snow. Summers, as a rule, are cool with occasional short spells of intense heat.

There are no mineral indications.

Agness, Oregon, about 7 miles northwest by trail, is the nearest post office. Gold Beach, Oregon, about 32 miles west, on the Pacific Ocean, may be reached from Agness by trail or water. West Fork, Oregon, about 47 miles northeast on the S. P. Ry. is the nearest railroad station.

LOCATION

This homestead is located approximately in Secs. 34 & 3, T. 35 and 36 S., R. 11 W., unsurveyed, W. M. Oregon.

The survey of this Homestead embraces an area wholly confined within the listed and entered description.

HOMESTEAD ENTRY SURVEY NO. 173 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

The disagreements between these field notes and the listed and entered descriptions regarding the bearings and distances are due to errors in the latter. 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.

BOUNDARIES OF H.E.S. No. 173

True Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
N39°24'E.	29.25	22.60		18.57	
S49°10'E.	5.62		3.67	4.25	
S29°14'W.	8.43		7.36		4.12
S21°49'W.	12.63		11.73		4.69
S78°27'W.	7.63		1.53		7.48
N83°25'W.	3.22	.37			3.20
N72°25'W.	2.25	.68			2.14
N62°52'W.	1.34	.61			1.19
		24.26	24.29	22.82	22.82

Error in lat. - 3 lks.
Error in dep. - 0 lks.
Error of Closure - 1:2346

(signed) H. F. Mader
Surveyor-Draftsman.

September 12, 1916.

HOMESTEAD ENTRY SURVEY NO. 173 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
December 21., 1916.

The foregoing field notes of Homestead Entry Survey No. 173 within the Siskiyou National Forest, situated in approximate secs. 34 and 3, unsurveyed, Tps. 35 and 36 S., Range 11 W., Willamette Meridian, Oregon,

executed by H. F. Mader, Surveyor-Draftsman, under his special instructions, dated December 11, 1915, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL)

(signed) Edward G. Worth
U. S. Surveyor
General

CHAINS			

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 218
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6.
In approximate Section 21, unsurveyed, Township 35 S., Range 11 W and approximate Section 28, unsurveyed, Township 35 S., Range 11 W.

of the
Willamette Meridian.
State of
Oregon.

Applicant for listing Robt. Edgren
Ed. Walker

Residence Agness, Oregon.

Application No. (322, dated June 20, 1913)
(347, dated December 1, 1913)

List No. (6-1210, dated February 13, 1914)
(6-1264, dated April 7, 1914)

Applicant for survey Ed. Walker,

Residence Agness, Oregon.

H. E. No. 09704, dated September 4, 1914.

Land Office Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger.

Under special instructions dated February 24, 1917.

Survey commenced July 2, 1917.

Survey completed July 8, 1917.

Under Acts of June 11, 1906, and March 4, 1917.

ACCEPTED BY THE HON. COMMISSIONER G.L.O. March 28, 1919

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 218, 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.

(signed) M. W. Collins - Chainman

(signed) Ed Walker - Axeman

Subscribed and sworn to before me this 8th day of July, 1917.

(signed) Ben A. Eddy
Forest Ranger

OATH OF SURVEYOR

I, Ben A. Eddy, Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated February 24, 1917, 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. 6-1210, dated February 13, 1914, and List No. 6-1264, dated April 7, 1914, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 218, situated within the Siskiyou Nation Forest, in approx. unsurveyed Section 21, Township 35 S., Range 11 W., and unsurveyed Section 28, Township 35 S,, Range 11 W., 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.

(signed) Ben A. Eddy
Forest Ranger

Subscribed and sworn to before me this 12th day of December, 1917.

(signed) Georgene L. Miller
Notary Public

(SEAL)

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

Entryman: Ed Walker.

H.E.No. 09704, dated September 4, 1914.

Land Office: Roseburg, Oregon.

Survey commenced July 2, 1917, and executed with a W. & L. E. Gurley light mountain transit No. 12985, 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 11, 1917.

All measurements, unless otherwise specified, are made with a 1/8 in. steel tape, 5 chains in length, compared with a Chesterman standard steel tape. The improved Abney level, with chainage correction graduations, is 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:

July 2, 1917: At cor. No. 1 of the homestead entry survey hereinafter described, which is identical with cor. No. 4 of List No. 6-1210, latitude 42°32' N., hereinafter determined, longitude 124°01' W., obtained from G. L. O. map of Oregon, I set off 42°32' N. on the latitude arc, 23°03' N. on the declination arc, and at 2^h30^m p.m., l.m.t., determine a meridian with the solar and mark a point thereof on a peg firmly set in the ground, 5 chains north of the corner.

At 8^h16^m p.m., l.m.t., I observe Polaris and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. north of the cor.

			h	m	
L.m.t. of observation July 2, 1917,			8	16	p.m.
	h	m			
L.m.t. of U.C. of Pol., July 3, 1917,	18	47.4 a.m.			
Less corr. for long., 124°01' W.		1.3			
	18	46.1 a.m.	18	46.1	
Hour angle, ...			10	30.1	

Azimuth of Polaris 0°34' E.

July 2, 1917.

July 3, 1917: At 8:15 a.m., l.m.t., I lay off the azimuth of Polaris 0°34' to the west and mark the meridian thus determined, by a tack in the peg set on July 2, on which the meridian falls 0.2 ins. east of the mark determined by the solar.

At 8:30 a.m., l.m.t., I set off 42°32' N. on the lat. arc, 23°00' N. on the decl. arc, and mark a point in the meridian determined with the solar, by a tack in the stake already set in the ground, 5 chs. north of my station; this mark falls 0.3 ins. west of the meridian established by Polaris observation.

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

The solar apparatus by p.m. and a.m. observations defines position for the meridian, less than two minutes of arc from the meridian established by the Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.

July 3, 1917: At the above mentioned cor., I make a direct solar observation at noon for latitude.

Measured alt. of sun's center	70° 27' 00"	
Refraction	21"	
	70° 26' 39"	
Sun's decl.	22° 58' 15"	N.
Colat. =	47° 28' 24"	
Subtract from	90°	
Latitude	42° 31' 36"	N.

The magnetic bearing of the true meridian at this cor. at 8^h45^m a.m. is N. 21°40' W. The angle thus determined gives the magnetic decl. 21°40' E.; the mean mag. decl. is 21°35' E.

July 3, 1917.

TIE LINE.

July 5, 1917: Preliminary to the survey of this homestead entry, I make the following connection:

From cor. No. 1 of this survey, hereinafter described, I run by traverse

S. 49°06' W., 1.44 chs.

S. 50°30' W., 1.60 chs.

N. 87°45' W., 4.79 chs.

N. 89°15' W., 4.00 chs.

N. 89°30' W., 4.25 chs.

West 13.19 chs. to point for cor. of secs. 20, 21, 28 and 29, T. 35 S., R. 11 W., W.M., Oregon, which I reestablish in original position from two original bearing trees in good condition, as original cor. has been destroyed.

Set a black granite stone 18 x 8 x 6 ins., 12 ins. in the ground, over a stone marked with a cross, mkd. X on top for chaining point with 2 notches on south and 4 notches on east edges; - from which -

A fir, 30 ins. dia., bears S. 68°30' E., 41 lks. dist., marked B T S 28 T 35 S R 11 W (original).

A madrona, 18 ins. dia., bears N. 37°00' W., 54 lks. dist., marked B T S 20 T 35 S R 11 W (original).

A tan oak, 18 ins. dia., bears S. 12°30' W., 46 lks. dist., marked T 35 S R 11 W S 29 B T (new).

A tan oak, 6 ins. dia., bears N. 62°15' E., 31 lks. dist., marked T 35 S R 11 W S 21 B T (new).

Cor. is in dry gulch, course west.

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

The true bearing and length of this tie line from cor. No. 1 is S. 86°38' W., 28.60 chs., as determined from calculation.

Bearing	Distance	Latitude North	Latitude South	Departure East	Departure West
S.49°06'W.	1.44	..	0.94	..	1.09
S.50°30'W.	1.60	..	1.02	..	1.23
N.87°45'W.	4.79	0.19	..	..	4.79
N.89°15'W.	4.00	0.05	..	..	4.00
N.89°30'W.	4.25	0.04	..	..	4.25
West	13.19	..	..	..	13.19
		0.28	1.96	..	28.55
Calculated course					
N.86°38'E.	28.60	1.68	..	28.55	..
		1.96	1.96	28.55	28.55

$\frac{28.55}{1.68}$ = tan. angle. $\frac{28.55}{\text{sin.angle}}$ = distance

log. 28.55 = 1.4556061 log. 28.55 = 1.4556061

log. 1.68 = 0.2253093 log.sin.86°38' = 9.9992498

log.tan.angle = 1.2302968 log. dist. = 1.4563563

Angle = 86°38' Bearing = N.86°38'E. Dist. = 28.60

July 5, 1917.

H.E.S. No. 218.

All listing cors. referred to herein are properly identified, being marked and witnessed as described by the Forest Service in the listing survey.

July 6, 1917: Beginning at cor. No. 1 of this survey, identical with cor. No. 4 of List No. 6-1210, which I destroy and in its place

Set a madrona post 36 ins. long, 4 ins. square, 24 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, marked 1 HES 218 on side facing the claim; - from which-

A fir, 36 ins. dia., bears N. 67°00' E., 11 lks. dist., marked X 1 HES 218 B T.

A tan oak, 4 ins. dia., bears N. 16°45' W., 30 lks. dist., marked X 1 HES 218 B T.

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

No suitable stone available for corner.

The cor. of secs. 20, 21, 28 and 29, heretofore described, bears S. 86°38' W., 28.60 chs. dist.

Thence, I run

N. 25°30' E. on a random line, and at 23.33 chs. fall 23 lks. N. 64°30' W. of cor. No. 3 of List No. 6-1210.

(The true bearing and length of this line is N. 26°04' E., 23.33 chs.)

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON

CHAINS	
	Returning to cor. No. 1 of this survey, above described, I run
	N. 26°04' E., on a true line,
	Through undergrowth and scattering fir timber.
14.53	Creek, 3 lks. wide, bears east 60 lks. dist.; course south.
16.21	Cross same creek, 3 lks. wide, course S. 10° E.
23.33	Cor. No. 2, identical with cor. No. 3 of List No. 6-1210 and cor. No. 1 of List No. 6-1264, which I destroy and in its place
	Set a tan oak post, 36 ins. long, 5 ins. sq., 24 ins. in the ground, over a stone marked with a cross, for cor. No. 2 of this survey, marked 2 HES 218 on side facing the claim; - from which -
	A fir, 8 ins. dia., bears N. 68°00' W., 26 lks. dist., marked X 2 HES 218 B T.
	A fir, 18 ins. dia., bears S. 1°45' E., 40 lks. dist., marked X 2 HES 218 B T.
	Raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	No suitable stone available for corner.
	At 10^h30^m a.m., l.m.t., I set off 42°32' N. on the lat. arc, 22°43' N. on the decl. arc, and determine a meridian with the solar; thence I run N. 40°00' W. on a random line and at 16.56 chs. fall 2 lks. N. 50°00' E. of cor. No. 6 of List No. 6-1264.
	(The true bearing and length of this line is N. 40°04' W., 16.56 chs.)
	Returning to cor. No. 2 of this survey, above described, I run
	N. 40°04' W. on a true line, passing to List No. 6-1264.
	Over level land, through undergrowth and fir timber.
3.10	Creek, 3 lks. wide, course south.
16.56	Cor. No. 3, identical with cor. No. 6 of listing survey, which I destroy and in its place
	Set a madrona post, 36 ins. long, 6 ins. square, 24 ins. in the ground, over a stone marked with a cross, for cor. No. 3 of this survey, marked 3 HES 218 on side facing the claim; - from which -
	A tan oak, 14 ins. dia., bears S. 20°45' E., 51 lks. dist., marked X 3 HES 218 B T.
	A fir, 6 ins. dia., bears S. 74°30' W., 31 lks. dist., marked X 3 HES 218 B T.
	Raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	No suitable stone available for corner.
	This cor. is at the west edge of a bench from which the slope is abrupt toward the valley of the Illinois River.

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Note: A preliminary retracement of the boundaries of the homestead entry discloses that the land embraced in List No. 6-1210 and List No. 6-1264 exceeds 160 acres in area. I therefore, with the knowledge and consent of the claimant, retain List No. 6-1210 in its entirety and reduce the area of List No. 6-1264 so that the sum does not exceed 160 acres, running from cor. No. 6 of List No. 6-1264 to cor. No. 2 of List No. 6-1264 on cardinal directions, as shown in these notes, embracing only land included within the original boundaries of the listing survey.
	From cor. No. 3 of this survey above described, I run
	North, on a true line.
	Ascend along steep southwest slope, through fir timber.
13.98	Ridge, 140 ft. above cor. No. 3, bears N. 40° W. and S. 40° E.
25.98	Cor. No. 4, 20 ft. below ridge.
	Set a madrona post 36 ins. long, 4 ins. square, 24 ins. in the ground, over a stone marked with a cross, for cor. No. 4 of this survey, marked 4 HES 218 on side facing the claim; - from which -
	A fir, 50 ins. dia., bears N. 64°15' W., 12 lks. dist., marked X 4 HES 218 B T.
	A tan oak, 16 ins. dia., bears N. 26°00' E., 33 lks. dist., marked X 4 HES 218 B T.
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	No suitable stone available for corner.
	Cor. No. 5 of listing survey, which I destroy, bears N. 1°42' W., 5.22 chs. dist.
	July 6, 1917.
	July 7, 1917: From cor. No. 4 of this survey, above described, I run
	East, on a true line,
	Over rolling land, through madrona, tan oak and fir timber.
30.61	Cor. No. 5.
	Set a conglomerate stone, 26 x 8 x 4 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 5 of this survey, marked 5 HES 218 on side facing the claim; - from which -
	A tan oak, 10 ins. dia., bears N. 81°00' W., 14 lks. dist., marked X 5 HES 218 B T.
	A fir, 46 ins. dia., bears N. 30°15' E., 38 lks. dist., marked X 5 HES 218 B T.
	Mound impracticable; corner is on steep east slope.
	Cor. No. 4 of listing survey, which I destroy, bears N. 11°05' E. 10.95 chs. dist.

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Thence, I run
	South, on a true line,
	Through scattering fir timber and undergrowth of tan oak, hazel and chinquapin. Descend.
9.84	Gulch, course southwest, 75 ft. below cor. No. 5; ascend north slope.
21.97	Top of ascent, 115 ft. above gulch; descend southeast slope.
38.80	Cor. No. 6, 65 ft. below beginning of descent.
	Set a dogwood post, 36 ins. long, 6 ins. square, 24 ins. in the ground, over a stone marked with a cross for Cor. No. 6 of this survey, marked 6 HES 218 on side facing the claim; - from which-
	A fir, 16 ins. dia., bears S. 63°15' W., 46 lks. dist., marked X 6 HES 218 B T.
	A fir, 16 ins. dia., bears N. 0°30' W., 32 lks. dist., marked X 6 HES 218 B T.
	Raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	No suitable stone available for corner.
	Cor. No. 3 of listing survey, which I destroy, bears S. 0°10' E., 4.92 chs. dist.
	Thence, I run
	West, on a true line,
	Over gently rolling land, through fir timber.
10.00	Cor. No. 7, identical with cor. No. 2 of List No. 6-1264, and cor. No. 2 of List No. 6-1210, which I destroy and in its place
	Set a madrona post, 36 ins. long, 4 ins. square, 24 ins. in the ground, over a stone marked with a cross, for cor. No. 7 of this survey, marked 7 HES 218 on side facing the claim; - from which -
	A fir, 20 ins. dia., bears N. 45°00' W., 38 lks. dist., marked X 7 HES 218 B T.
	A fir, 18 ins. dia., bears S.52°45' E., 25 lks. dist., marked X 7 HES 218 B T.
	No suitable stone available for corner.
	No solar observations possible because of being in tall timber during the middle of the day.
	July 7, 1917.
	July 8, 1917: At cor. No. 7 of this survey, above described, I set off 42°32' N. on the lat. arc, 22°31' N. on the decl. arc, and at 7^h50^m a.m., l.m.t., determine a meridian with the solar.
	Thence, I run south on a random line, and at 27.64 chs. fall 77 lks. east of cor. No. 1 of List No. 6-1210.

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	(The true bearing and length of this line is S. 1°36' W., 27.65 chs.)
	Returning to cor. No. 7 of this survey, above described, I run
	S. 1°36' W. on a true line, passing to List No. 6-1210,
	Through scattering fir, pine and madrona timber and undergrowth.
	Gradual ascent.
4.88	Top of ascent, 40 ft. above cor. No. 7; descend gradual south slope.
7.71	Foot of slope, 30 ft. below top; thence across flat, through dense pine and madrona growth.
13.63	Ascend northwest slope.
17.65	Top of ridge, bears northeast and southwest; 60 ft. above flat.
27.65	Cor. No. 8, identical with cor. No. 1 of listing survey, which I destroy and in its place,
	Set a conglomerate stone 24 x 8 x 4 ins., 14 ins. in the ground, over a stone marked with a cross, for cor. No. 8 of this survey, marked 8 HES 218 on side facing the claim; - from which -
	A yellow pine, 12 ins. dia., bears S. 77°15' E., 21 lks. dist., marked X 8 HES 218 B T.
	A madrona, 8 ins. dia., bears S. 85°00' W., 30 lks. dist., marked X 8 HES 218 B T.
	Raise a mound of earth and stone 4 ft. base, 2 ft. high, 3-1/2 ft. dist. within the claim.

	Thence, I run S. 70°00' W. on a random line, and at 16.51 chs. fall 54 lks. S. 20°00' E. of cor. No. 5 of listing survey.
	(The true bearing and length of this line is S. 71°52' W., 16.52 chs.)
	Returning to cor. No. 8 of this survey, above described, I run
	S. 71°52' W., on a true line,
	Through undergrowth of tan oak and chaparral.
8.20	Leave undergrowth; thence along south edge of clearing.
9.92	Trail, bears north and south.
15.67	Creek, 3 lks. wide, course south.
	Enter fir timber.
16.52	Cor. No. 9, identical with cor. No. 5 of listing survey, which I destroy and in its place
	Set a madrona post 36 ins. long, 4 ins. square, 24 ins. in the ground, over a stone marked with a cross, for cor. No. 9 of this survey, marked 9 HES 218 on side facing the claim; - from which -
	A fir, 16 ins. dia., bears S. 16°30' E., 60 lks. dist., marked X 9 HES 218 B T.

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

A tan oak, 5 ins. dia., bears S. 88°00' W., 44 lks. dist., marked X 9 HES 218 B T.

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

Thence I run

N. 19°45' W. on a random line, and at 12.57 chs. fall 51½ lks. S. 70°15' W. of cor. No. 1 of this survey.

(The true bearing and length of this line is N. 17°24' W., 12.58 chs.)

Returning to cor. No. 9 of this survey, above described, I run

N. 17°24' W. on a true line,

Through fir timber and undergrowth.

12.58 To cor. No. 1 and the place of beginning.

AREA

Total area of H. E. S. No. 218 ..... 159.88 acres.

IMPROVEMENTS

	Value
A cabin, 16 x 16 ft., sides north and south, the southeast cor. of which bears N. 18°42' E., 17.46 chs. dist. from cor. No. 9, ...	$ 75.00
7 acres slashed, ...	140.00
1/2 acre under cultivation, ...	40.00
1/10 mile picket fence, ...	25.00
Total value	$280.00

GENERAL DESCRIPTION.

This claim lies on a bench situated on a high ridge above the Illinois River, the greater portion of which is level, with some rolling land on the extreme northern part. The soil is first-rate, devoid of rocks and capable of producing a variety of vegetables and fruits. Grapes and melons thrive in this section

A limited amount of water for irrigation is available from a small creek which runs near the west boundary of the claim. Water for domestic use is obtained from a spring near the claimant's cabin.

There are apparently no mineral indications on the claim.

The nearest post office and source of supplies is Agness, Oregon, situated at the confluence of the Illinois and Rogue rivers, 6 miles distant by trail.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts and adjoining claims.

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

LOCATION

This homestead is located in approximate secs. 21 and 28, unsurveyed, T. 35 S., R. 11 W., Willamette Meridian, Oregon.

REPORT

As more than 160 acres had been included within the boundaries of the listings, with the knowledge and consent of the claimant, I make my survey to include 160 acres and deduct the excess area from the north and southeast portions of List No. 6-1264, as shown in these notes.

The disagreements between these field notes and the listed and entered descriptions regarding the bearings and distances are due to errors in the latter. 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.

BOUNDARIES OF H.E.S. No. 218.

True Bearing	Distance	Latitude N.	Latitude S.	Departure E.	Departure W.
North	25.98	25.98	..	..	..
East	30.61	..	..	30.61	..
South	38.80	..	38.80	..	..
West	10.00	..	..	..	10.00
S. 1°36'W.	27.65	..	27.64	..	0.77
S.71°52'W.	16.52	..	5.14	..	15.70
N.17°24'W.	12.58	12.00	..	..	3.76
N.26°04'E.	23.33	20.96	..	10.25	..
N.40°04'W.	16.56	12.67	..	..	10.66
		71.61	71.58	40.86	40.89

Error in lat. - 3 lks.
Error in dep. - 3 lks.
Error of closure - 1:4762

July 8, 1917.

(signed) Ben A. Eddy
Forest Ranger.

HOMESTEAD ENTRY SURVEY NO. 218 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, April 23, 1918

The foregoing field notes of Homestead Entry Survey No. 218, situated in approximate sections 21 and 28, unsurveyed, township 35 south, range 11 west, Willamette Meridian, Oregon, within the Siskiyou National Forest,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated February 24, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General.

(SEAL)

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 220.
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6.
In Section 10, surveyed, Township 35 S., Range 12 W.

of the
Willamette Meridian.
State of
Oregon.

Applicant for listing J. J. Weersing,

Residence Agness, Oregon.

Application No. 207, dated November 7, 1910.

List No. 6-707, dated March 1, 1912.

Applicant for survey Isak P. Edin,

Residence Agness, Oregon.

H. E. No. 09648, dated July 24, 1914.

Land Office: Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger,

Under special instructions dated March 5, 1917.

Survey commenced July 9, 1917.

Survey completed July 11, 1917.

Under Acts of June 11, 1906, and March 4, 1917.

ACCEPTED BY THE HON. COMMISSIONER G.L.O. March 28, 1919

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 220, 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.

Chainman - (signed) M. W. Collins

Axeman - (signed)Mr.Eugene R.Fry

Subscribed and sworn to before me this 12 day of July, 1917.

(signed) Ben A. Eddy
Forest Ranger

OATH OF SURVEYOR

I, Ben A. Eddy, Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated March 5, 1917, 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. 6-707, dated March 1, 1912, for patent, under the Act of June11, 1906, the same to be known as Homestead Entry Survey No. 220, situated within the Siskiyou National Forest, in surveyed Section 10, Township 35 S., Range 12 W., 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.

(signed) Ben A. Eddy
Forest Ranger

Subscribed and sworn to before me this third day of April, 1918.

(signed) Georgene L. Miller
(SEAL) Notary Public.

My commission expires March 8, 1921.

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

Entryman: Isak P. Edin.

H.E.No. 09648, dated July 24, 1914.

Land Office: Roseburg, Oregon.

Survey commenced July 9, 1917, and executed with a W. and L. E. Gurley light mountain transit No. 12985 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 11, 1917.

All measurements, unless otherwise specified, are made with a 1/8 inch steel tape, 8 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:

July 9, 1917: At point for cor. No. 1 of this survey, latitude 42°33' N., hereinafter determined, longitude 124°05' W., as derived from an accurate map.

At 8^h13^m p.m., l.m.t., I observe Polaris and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. north of my station.

L.m.t. of upper culmination, July 10, 1917,	$6^h18.7^m$ a.m.
L.m.t. of obsn., July 9, 1917,	$8^h13.0^m$ p.m.
Hour angle,	$10^h05.7^m$
Azimuth of Polaris,	0°43' E.

July 10, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Pol. 44 minutes to the west, and mark the mer. thus determined, by a tack in a peg firmly set in the ground, 5 chs. north of my station.

At 9^h00^m a.m., l.m.t., I set off 42°33' N. on the latitude arc, 22°16' 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 the cor.; this mark falls 0.30 ins. west of the mer. established by the Pol. obsn.

July 10, 1917: At the above mentioned cor., I set off 22°15' N. on the decl. arc, and at 12^h05^m l.m.t., obs. the sun on the mer.; the resulting latitude is 42°33' N.

At 3^h00^m p.m., l.m.t., I set off 42°33' N. on the lat. arc, 22°14'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 the cor.; this mark falls 0.20 ins. west of the mer. established by the Pol. obsn.

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

The solar apparatus by a.m. and p.m. obsns. defines positions for the mer. within 2 minutes of arc of the mer. established by the Pol. obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.

The mag. bearing of the true mer. at this cor. at 8^h00^m a.m. is N. 22°00' W.; the angle thus determined gives the mag. decl. 22°00' E. The mean mag. decl. is 21°54' E.

TIE LINE.

July 10, 1917: Preliminary to the survey of this homestead entry, I make the following connection:

Commencing at cor. No. 1 of this survey, hereinafter described, thence by traverse

S.29°06'E., 4.23 chs.

S.12°45'W., 1.57 chs.

S.11°38'E., 3.48 chs.

S. 7°25'E., 1.32 chs.

S.59°00'E., 1.26 chs.

N.25°00'E. 2.66 chs.

N.22°00'E., 2.40 chs.

N.40°00'E., 3.76 chs.

N.27°00'E., 4.42 chs.

N.33°00'E. 2.54 chs.

N.31°45'E., 4.09 chs.

N. 8°30'W., 1.44 chs.

N. 1°00'E., 2.02 chs. to the cor. of secs. 10 and 11, on south bdy. of sec. 2, T. 35 S., R. 12 W., which is a sandstone 6 x 6 x 6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

The true bearing and length of this line is N. 53°39' E., 16.72 chs., as determined by calculation.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
S.29°06'E.	4.23	..	3.70	2.06	..
S.12°45'W.	1.57	..	1.53	..	.35
S.11°38'E.	3.48	..	3.41	.70	..
S. 7°25'E.	1.32	..	1.31	.17	..
S.59°00'E.	1.26	..	.65	1.08	..
N.25°00'E.	2.66	2.41	..	1.12	..
N.22°00'E.	2.40	2.23	..	0.90	..
N.40°00'E.	3.76	2.88	..	2.42	..
N.27°00'E.	4.42	3.94	..	2.01	..
N.33°00'E.	2.54	2.13	..	1.38	..
N.31°45'E.	4.09	3.48	..	2.15	..
N. 8°30'W.	1.44	1.42	..	..	.21
N. 1°00'E.	2.02	2.02	..	.04	..
		20.51	10.60	14.03	.56
Calculated course S.53°39'W.	16.72		9.91		13.47
		20.51	20.51	14.03	14.03

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

$\frac{13.47}{9.91}$ = tan. angle. $\frac{13.47}{\sin.53°39'}$ = distance

---

H.E.S. No. 220.

All listing cors. referred to herein are properly identified, being marked and witnessed as described by the Forest Service in the listing survey.

July 10, 1917: Beginning at cor. No. 11 of the listing survey, which I now destroy and in its place establish cor. No. 1 of this survey as follows:

Set a sandstone, 24 x 12 x 6 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, marked 1 HES 220 on side facing the claim; - from which -

A tan oak, 20 ins. dia., bears S. 32°30' W., 62 lks. dist., marked X 1 HES 220 B T.

A madrona, 28 ins. dia., bears N. 80°00' W., 49 lks. dist., marked X 1 HES 220 B T.

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

The cor. of secs. 10 and 11, heretofore described, bears N. 53°39' E., 16.72 chs. dist.

Thence

S. 29°06' E.,

Descend gradual southeast slope.

4.23 To cor. No. 10 of the listing survey, 30 ft. below cor. No. 1 of this survey. I now destroy cor. No. 10 of the listing survey and in its place establish cor. No. 2 of this survey as follows:

Set a sandstone, 26 x 8 x 4 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 220 on side facing the claim; - from which -

A tan oak, 5 ins. dia., bears N. 19°30' E., 38 lks. dist., marked X 2 HES 220 B T.

A tan oak, 20 ins. dia., bears N. 83°45' W., 59 lks. dist., marked X 2 HES 220 B T.

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

Thence

S. 12°45' W.

Along southeast slope.

1.57 To cor. No. 9 of the listing survey, which I now destroy and in place establish cor. No. 3 of this survey as follows:

Set a basalt stone, 30 x 14 x 5 ins., 20 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 220 on side facing the claim; - from which -

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

A madrona, 18 ins. dia., bears N. 26°30' W., 31 lks. dist., marked X 3 HES 220 B T.

A fir, 22 ins. dia., bears S. 34°45' E., 41 lks. dist., marked X 3 HES 220 B T.

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

Thence

S. 11°38' E.

Along east slope.

3.48 To cor. No. 8 of the listing survey, which I now destroy and in its place establish cor. No. 4 of this survey as follows:

Set a conglomerate stone, 24 x 10 x 6 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 220 on side facing the claim; - from which-

A tan oak, 40 ins. dia., bears N. 32°45' E., 60 lks. dist., marked X 4 HES 220 B T.

A tan oak, 14 ins. dia., bears N. 7°00' E., 94 lks. dist., marked X 4 HES 220 B T.

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

July 10, 1917.

July 11, 1917: From cor. No. 4 of this survey, above described,

Thence

S. 28°43' E.

Along gradual northeast slope.

7.94 To cor. No. 7 of the listing survey, which I now destroy and in its place establish cor. No. 5 of this survey as follows:

Set a sandstone, 24 x 6 x 4 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 5 of this survey, marked 5 HES 220 on side facing the claim; - from which -

A tan oak, 12 ins. dia., bears S. 18°30' E., 18 lks. dist., marked X 5 HES 220 B T.

A tan oak, 10 ins. dia., bears N. 46°15' W., 40 lks. dist., marked X 5 HES 220 B T.

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

Thence

S. 56°47' W.

Over level ground.

4.09 To cor. No. 6 of the listing survey, which I now destroy and in its place establish cor. No. 6 of this survey as follows:

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Set a sandstone, 26 x 10 x 4 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 6 of this survey, marked 6 HES 220 on side facing the claim; - from which -
	A madrona, 30 ins. dia., bears S. 68°00' W., 136 lks. dist., marked X 6 HES 220 B T.
	A fir, 38 ins. dia., bears S. 74°15' E., 103 lks. dist., marked X 6 HES 220 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.

	Thence
	N. 86°59' W.
	Over level ground.
1.77	To cor. No. 5 of the listing survey, which I now destroy and in its place establish cor. No. 7 of this survey as follows:
	Set a sandstone, 28 x 8 x 6 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 7 of this survey, marked 7 HES 220 on side facing the claim; - from which -
	A tan oak, 12 ins. dia., bears S. 60°00' W., 41 lks. dist., marked X 7 HES 220 B T.
	A black oak, 8 ins. dia., bears N. 39°30' W., 62 lks. dist., marked X 7 HES 220 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Sky overcast at noon; unable to take latitude obsn.

	Thence
	N. 1°17' E.
	Over level ground at foot of slope.
4.53	To cor. No. 4 of the listing survey, which I now destroy and in its place establish cor. No. 8 of this survey as follows:
	Set a sandstone, 30 x 18 x 6 ins., 20 ins. in the ground, over a stone marked with a cross for cor. No. 8 of this survey, marked 8 HES 220 on side facing the claim; - from which -
	A fir, 40 ins. dia., bears S. 15°45' E., 33 lks. dist., marked X 8 HES 220 B T.
	A rock, 3 x 3 x 2-1/2 ft. above ground, bears N. 87°15' W., 22 lks. dist., marked X 8 HES 220 B R.
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.

	Thence
	N. 78°11' W.
	Ascend gradual east slope, through scattering timber.

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

6.09 To cor. No. 3 of the listing survey, 30 ft. above cor. No. 8 of this survey. I now destroy cor. No. 3 of the listing survey and in its place establish cor. No. 9 of this survey as follows:

Set a quartzite stone, 26 x 10 x 10 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 9 of this survey, marked 9 HES 220 on side facing the claim; - from which -

A tan oak, 5 ins. dia., bears S. 34°15' E., 36 lks. dist., marked X 9 HES 220 B T.

A fir, 18 ins. dia., bears N. 30°00' W., 64 lks. dist., marked X 9 HES 220 B T.

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

Thence

N. 29°44' E.

Along southeast slope, through scattering timber.

4.70 To cor. No. 2 of the listing survey, which I now destroy and in its place establish cor. No. 10 of this survey as follows:

Set a sandstone, 24 x 12 x 8 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 10 of this survey, marked 10 HES 220 on side facing the claim; - from which -

A fir, 36 ins. dia., bears S. 19°00' E., 10 lks. dist., marked X 10 HES 220 B T.

A fir, 16 ins. dia., bears N. 19°00' E., 44 lks. dist., marked X 10 HES 220 B T.

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

Thence

N. 31°38' W.

Along northeast slope, through scattering timber.

2.92 To cor. No. 1 of the listing survey, which I now destroy and in its place establish cor. No. 11 of this survey as follows:

Set a sandstone, 28 x 10 x 4 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 11 of this survey, marked 11 HES 220 on side facing the claim; - from which -

A madrona, 48 ins. dia., bears N. 88°30' E., 17 lks. dist., marked X 11 HES 220 B T.

A fir, 40 ins. dia., bears S. 73°45' W., 52 lks. dist., marked X 11 HES 220 B T.

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

Thence

N. 16°56' E.

Over level ground, through scattering timber.

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
5.88	To cor. No. 12 of the listing survey, which I now destroy and in its place establish cor. No. 12 of this survey as follows:
	Set a serpentine stone, 28 x 10 x 5 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 12 of this survey, marked 12 HES 220 on side facing the claim; - from which -
	A fir, 30 ins. dia., bears N. 73°45' E., 13 lks. dist., marked X 12 HES 220 B T.
	A fir, 34 ins. dia., bears S. 29°15' W., 33 lks. dist., marked X 12 HES 220 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.

	Thence
	S. 84°05' E.
	Over level ground, through scattering timber.
2.33	To cor. No. 1 of this survey, the place of beginning.

AREA.

Total area of H.E.S. No. 220, 9.17 acres

IMPROVEMENTS

	Value
Log cabin, 12 x 18 ft., longsides north and south, the northwest cor. of which bears N. 44°30' E., 1.62 chs. dist. from cor. No. 8,	$100.00
Log shed, 12 x 30 ft., longsides east and west, the southwest cor. of which bears N. 50°20' E., 2.20 chs. dist. from cor. No. 8,	25.00
1 acre cultivated land,	100.00
Total value of improvements,	$225.00

GENERAL DESCRIPTION.

The area within the boundaries of this homestead is bench land covered with scattering timber. The soil is second-rate.

The character of the land is non-mineral.

Agness post office is about 4 miles to the southeast. The nearest railroad station is West Fork, about 45 miles to the northeast on the Southern Pacific Railway.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims.

LOCATION.

This homestead is located in Sec. 10, T. 35 S., R. 12 W., Willamette Meridian, Oregon.

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

REPORT.

The survey of this homestead embraces an area wholly confined within the listed and entered description.

The disagreements between these field notes and the listed and entered descriptions regarding the bearings, distances and area, are due to errors in the latter. 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.

BOUNDARIES OF H.E.S. No. 220.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
S.29°06'E.	4.23	..	3.70	2.06	..
S.12°45'W.	1.57	..	1.53	..	.35
S.11°38'E.	3.48	..	3.41	.70	..
S.28°43'E.	7.94	..	6.96	3.82	..
S.56°47'W.	4.09	..	2.24	..	3.42
N.86°59'W.	1.77	.09	..	..	1.77
N. 1°17'E.	4.53	4.53	..	.10	..
N.78°11'W.	6.09	1.25	..	..	5.96
N.29°44'E.	4.70	4.08	..	2.33	..
N.31°38'W.	2.92	2.49	..	..	1.53
N.15°56'E.	5.88	5.63	..	1.71	..
S.84°05'E.	2.33	..	.24	2.32	..
	49.53	18.07	18.08	13.04	13.03

Error in lat. = 1 lk.
Error in dep. = 1 lk.
Error of closure = 1:3502

July 11, 1917.

(signed) Ben A. Eddy
Forest Ranger.

HOMESTEAD ENTRY SURVEY NO. 220 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
September 30, 1918

The foregoing field notes of Homestead Entry Survey No. 220, located in Sec. 10, surveyed, T. 35 S., R. 12 W., Willamette Meridian, State of Oregon, within the Siskiyou National Forest,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated March 5, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL)

(signed) Edward G. Worth
U. S. Surveyor General.

CHAINS			

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 221.
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6.
In Section 1, surveyed, Township 35 S., Range 12 W.

of the
Willamette Meridian.
State of
Oregon.

Applicant for listing J. H. Roundtree,

Residence Agness, Oregon.

Application No. 287, dated November 4, 1912.

List No. 6-952, dated November 14, 1913.

Applicant for survey George W. Frye,

Residence Agness, Oregon.

H. E. No. 010589, dated April 3, 1916.

Land Office: Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger,

Under special instructions dated March 6, 1917.

Survey commenced June 27, 1917.

Survey completed June 30, 1917.

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

ACCEPTED BY THE HON. COMMISSIONER G.L.O. March 28, 1919

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 221, 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.

Chainman - (signed) N. W. Collins

Axeman - (signed) Geo. W. Frye

Subscribed and sworn to before me this 30 day of June, 1917.

(signed) Ben A. Eddy
Forest Ranger

OATH OF SURVEYOR

I, Ben A. Eddy, Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated March 6, 1917, 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. 6-952, dated Nov. 14, 1913, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 221, situated within the Siskiyou National Forest, in surveyed Section 1, Township 35 S., Range 12 W., 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.

(signed) Ben A. Eddy
Forest Ranger

Subscribed and sworn to before me this 30th day of March, 1918.

(signed) Georgene L. Miller
(SEAL) Notary Public

My commission expires March 8, 1921.

HOMESTEAD ENTRY SURVEY NO. 221 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

Entryman: George W. Frye.

H.E.No. 010589, dated April 3, 1916.

Land Office: Roseburg, Oregon.

Survey commenced June 27, 1917, and executed with a W. and L. E. Gurley light mountain transit No. 12985 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 11, 1917.

All measurements, unless otherwise specified, are made with a 1/8 inch steel tape, 8 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:

June 27, 1917: At point for cor. No. 1 of this survey, latitude 42°35' N., hereinafter determined, longitude 124°03' W., as derived from an accurate map,

At 9^h32^m p.m., l.m.t., I obs. Polaris and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. north of my station.

L.m.t. of upper culmination, June 28, 1917,	= $7^h05.7^m$ a.m.
L.m.t. of observation, June 27, 1917,	= $9^h32.0^m$
Hour angle,	= $9^h33.7^m$
Azimuth of Polaris,	= 0°54' E.
	June 27, 1917.

June 28, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Pol. 54 minutes to the west, and mark the mer. thus determined, by a tack in a peg firmly set in the ground, 5 chs. north of my station.

At 10^h00^m a.m., l.m.t., I set off 42°35' N. on the latitude arc, 23°18' 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 the cor.; this mark falls 0.30 ins. east of the mer. established by the Pol. obsn.

June 28, 1917: At the above mentioned cor., I set off 23°18' N. on the decl. arc, and at 12^h03^m l.m.t., obs. the sun on the mer.; the resulting latitude is 42°35' N.

At 4^h00^m p.m., l.m.t., I set off 42°35' N. on the lat. arc, 23°18' 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 the cor.; this mark falls 0.20 ins. east of the mer. established by the Pol. obsn.

HOMESTEAD ENTRY SURVEY NO. 221 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

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.

The mag. bearing of the true mer. at this cor. at 8^h00^m a.m. is N. 22°00' W.; the angle thus determined gives the mag. decl. 22°00' E. The mean mag. decl. is 21°54' E.

TIE LINE.

June 28, 1917: Preliminary to the survey of this homestead entry, I make the following connection:

Commencing at point for cor. No. 1 of this survey, thence by traverse

N.38°45' E., 0.80 chs.

N.39°30'E., 2.88 chs.

N.38°45'E. 1.23 chs.

N.38°30'E., 4.26 chs.

N.38°45'E., 3.59 chs.

N.58°00'W., 0.84 chs.

N.51°57'W., 0.68 chs. to the 1/4 sec. cor. of secs. 1 and 6, T. 35 S., Rs. 11 and 12 W., which is a post 4 x 4 x 12 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

The true bearing and length of this line is N. 32°00' E., 12.74 chs., as determined by calculation:

Bearing	Distance	Latitude North	Latitude South	Departure East	Departure West
N.38°45'E.	0.80	0.62	..	0.50	..
N.39°30'E.	2.88	2.22	..	1.83	..
N.38°45'E.	1.23	0.96	..	0.77	..
N.38°30'E.	4.26	3.33	..	2.65	..
N.38°45'E.	3.59	2.80	..	2.25	..
N.58°00'W.	0.84	0.45	..	..	0.71
N.51°57'W.	0.68	0.42	..	..	0.54
		10.80		8.00	1.25
Calculated course S.32°00'W.	12.74		10.80		6.75
		10.80	10.80	8.00	8.00

$\frac{6.75}{10.80}$ = tan. angle. $\frac{10.80}{\cos.32°00'}$ = distance.

H.E.S. No. 221.

All listing cors. referred to herein are properly identified, being marked and witnessed as described by the Forest Service in the listing survey.

July 28, 1917: Beginning at cor. No. 8 of the listing survey, which I now destroy and in its place establish

HOMESTEAD ENTRY SURVEY NO. 221 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Cor. No. 1 of this survey as follows:
	Set a sandstone, 24 x 14 x 8 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, marked 1 HES 221 on side facing the claim; - from which
	An oak, 30 ins. dia., bears S. 42°30' W., 62 lks. dist., marked X 1 HES 221 B T.
	A fir, 36 ins. dia., bears S. 16°00' E., 61 lks. dist., marked X 1 HES 221 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	The 1/4 sec. cor. of secs. 1 and 6, heretofore described, bears N. 32°00' E., 12.74 chs. dist.
	Thence I run
	S. 2°43' W., on a true line,
	Over level ground, through scattering timber.
8.03	To cor. No. 1 of the listing survey, which I now destroy and in its place establish cor. No. 2 of this survey as follows:
	Set a sandstone, 26 x 5 x 5 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 221 on side facing the claim; - from which -
	A fir, 22 ins. dia., bears S. 76°45' E., 57 lks. dist., marked X 2 HES 221 B T.
	A tan oak, 4 ins. dia., bears N. 9°00' W., 11 lks. dist., marked X 2 HES 221 B T.
	Mound impracticable.
	June 28, 1917.

	June 29, 1917: From cor. No. 2 of this survey, heretofore described, thence I run
	N. 88°37' W. on a true line (objective point in sight).
	Descend gradual west slope 20 ft.
2.42	To cor. No. 2 of the listing survey, which I now destroy and in its place establish cor. No. 3 of this survey as follows:
	Set a sandstone, 24 x 10 x 8 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 221 on side facing the claim; - from which -
	A fir, 4 ins. dia., bears N. 33°30' W., 9 lks. dist., marked X 3 HES 221 B T.
	A tan oak, 6 ins. dia., bears S. 27°00' W., 33 lks. dist., marked X 3 HES 221 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.

	Thence I run
	S. 0°10' E., on a true line,

HOMESTEAD ENTRY SURVEY NO. 221 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Over level ground, through scattering timber.
3.43	To cor. No. 3 of the listing survey, which I now destroy and in its place establish cor. No. 4 of this survey as follows:
	Set a sandstone, 26 x 5 x 3 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 221 on side facing the claim; - from which -
	A madrona, 6 ins. dia., bears N. 70°30' E., 17 lks. dist., marked X 4 HES 221 B T.
	A madrona, 4 ins. dia., bears S. 58°15' W., 11 lks. dist., marked X 4 HES 221 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.

	Thence I run
	N. 89°48' W., on a true line.
	Ascend gradual slope 20 ft.
2.94	To cor. No. 4 of the listing survey, which I now destroy and in its place establish cor. No. 5 of this survey as follows:
	Set a sandstone, 24 x 8 x 4 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 5 of this survey, marked 5 HES 221 on side facing the claim; - from which -
	A fir, 5 ins. dia., bears S. 51°00' E., 21 lks. dist., marked X 5 HES 221 B T.
	A tan oak, 4 ins. dia., bears S. 65°30' W., 21 lks. dist., marked X 5 HES 221 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	June 29, 1917: At the above mentioned cor., I set off 23°15' N. on the decl. arc, and at 12^h03^m l.m.t., observe the sun on the mer.; the resulting lat. is 42°35' N.

	Thence I run
	N. 0°50' W., on a true line,
	Over level ground, through scattering timber.
3.43	To cor. No. 5 of the listing survey, which I now destroy and in its place establish cor. No. 6 of this survey as follows:
	Set a sandstone, 24 x 12 x 12 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 6 of this survey, marked 6 HES 221 on side facing the claim; - from which -
	A madrona, 24 ins. dia., bears N. 54°30' W., 102 lks. dist., marked X 6 HES 221 B T.
	A tan oak, 10 ins. dia., bears S. 76°45' W., 85 lks. dist., marked X 6 HES 221 B T.
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.

HOMESTEAD ENTRY SURVEY NO. 221 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Thence I run
	N. 89°28' W., on a true line,
	Over level ground, through scattering timber.
4.25	To cor. No. 6 of the listing survey, which I now destroy and in its place establish cor. No. 7 of this survey as follows:
	Set a sandstone, 24 x 8 x 5 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 7 of this survey, marked 7 HES 221 on side facing the claim; - from which -
	A tan oak, 5 ins. dia., bears S. 62°45' E., 23 lks. dist., marked X 7 HES 221 B T.
	A tan oak, 6 ins. dia., bears N. 12°15' E., 34 lks. dist., marked X 7 HES 221 B T.
	Mound impracticable.

	Thence I run
	N. 1°12' E., on a true line,
	Over level ground, through scattering timber.
8.57	To cor. No. 7 of the listing survey, which I now destroy and in its place establish cor. No. 8 of this survey as follows:
	Set a sandstone, 24 x 6 x 6 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 8 of this survey, marked 8 HES 221 on side facing the claim; - from which -
	A fir, 10 ins. dia., bears S. 28°00' W., 30 lks. dist., marked X 8 HES 221 B T.
	A fir, 6 ins. dia., bears S. 46°00' E., 15 lks. dist., marked X 8 HES 221 B T.
	Raise a mound of stone, 3 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	June 29, 1917.

	June 30, 1917: From cor. No. 8 of this survey, heretofore described, I run
	S. 86°07' E., on a true line,
	Over level ground, through scattering timber.
9.89	To cor. No. 1 of this survey, the place of beginning.

	AREA.
	Total area of H.E.S. No. 221, 9.12 acres

	IMPROVEMENTS.
	One acre cultivated land, Value $100.00
	Total value of improvements, $100.00

HOMESTEAD ENTRY SURVEY NO. 221 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

GENERAL DESCRIPTION.

The area within the boundaries of this homestead is level land covered with scattering timber and brush.

The character of the land is non-mineral.

Agness post office is about 3 miles to the southeast and the nearest railroad station is West Fork, about 45 miles to the northeast on the Southern Pacific Railway.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims.

LOCATION.

This homestead is located in surveyed Sec. 1, T. 35 S., R. 12 W., Willamette Meridian, State of Oregon.

REPORT.

The survey of this homestead embraces an area wholly confined within the listed and entered description.

The disagreements between these field notes and the listed and entered descriptions regarding the bearing and distances are due to errors in the latter. 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.

BOUNDARIES OF H.E.S. No. 221.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
S. 2°43'W.	8.03	..	8.02	..	0.38
N.88°37'W.	2.42	0.06	..	..	2.42
S. 0°10'E.	3.43	..	3.43	0.01	..
N.89°48'W.	2.94	0.01	..	..	2.94
N. 0°50'W.	3.43	3.43	..	..	0.05
N.89°28'W.	4.25	0.04	..	..	4.25
N. 1°12'E.	8.57	8.57	..	0.18	..
S.86°07'E.	9.89	..	0.67	9.87	..
	42.96	12.11	12.12	10.06	10.04

Error in latitude = 1 lk.
Error in departure = 2 lks.
Error of closure = 1:1921

June 30, 1917.

(signed) Ben A. Eddy
Forest Ranger.

HOMESTEAD ENTRY SURVEY NO. 221 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, June 29, 1918

The foregoing field notes of Homestead Entry Survey No. 221, located in Sec. 1, surveyed, Township 35 S., R. 12 W., Willamette Meridian, State of Oregon, within the Siskiyou National Forest,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated March 6, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General.

(SEAL)

CHAINS			

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 118
SITUATED IN THE
Siskiyou NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6
in
approximate
Section 3, unsurveyed, Township 36S, Range 11W

of the
Williamette Meridian.
Oregon

Survey executed by Norman C. White Asst. Forest Ranger

Under special instructions dated January 26, 1914

Survey commenced May 23, 1914

Survey completed May 28, 1914

Under Acts of June 11, 1906 and March 4, 1913

Applicant for listing Philip Hancock

Residence Agness, Oregon.

Application No. 93, dated September 29, 1908

List. No. 6-98, dated April 20, 1909

Applicant for survey Philip Hancock

Residence Agness, Oregon.

H. E. No. 05233, dated August 9, 1909.

Land district Roseburg, Oregon.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. June 9, 1916

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Norman C. White, Assistant Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 118, in unsurveyed Section 3, Township 36 S., Range 11 W., of the Willamette meridian, 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

(signed) R. I. Helm Head Chainman
(signed) Erwin Wills Chainman
(signed) Geo. L. Thomas Axeman

Subscribed and sworn to before me this 29th day of May, 1914.

(signed) Norman C. White
Asst. Forest Ranger

OATH OF SURVEYOR

I, Norman C. White, Asst. Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 26, 1914, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~upon the application of~~ embraced in List., No. 6-98, dated April 20, 1909, for patent, under the Act of June 11th, 1906, the same to be known as Homestead Entry Survey No. 118, situated within the Siskiyou National Forest, in unsurveyed Section 3, Township T. 36S, Range 11W, 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.

(signed) Norman C. White.
Asst. Forest Ranger

Subscribed and sworn to before me this 27 day of February, 1915.

(SEAL) (signed) Daniel F. Brennan
Notary Public for Oregon

HOMESTEAD ENTRY SURVEY NO. 118 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Survey commenced May 23, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12266, 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 28, 1914.

All measurements, unless otherwise specified, are made with a $\frac{1}{4}$ inch steel tape, 2 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:

May 23, 1914: At cor. No. 1 of this survey, hereinafter described, identical with cor. No. 1 of listing survey, in lat. 42°27' N., long. 124°00' W., at 3^h31^m a.m., l.m.t., I observe Polaris at eastern elongation and mark the line thus determined by a tack set in a stake firmly driven in the ground, 6 chs. N. of my station.

At 7 a.m., l.m.t., I lay off the azimuth of Polaris 1°34' to the west and mark the true meridian thus determined by a groove on a stone firmly set 6 chs. N. of my station.

At 7^h30^m a.m., l.m.t., I set off 42°27' N. on the lat. arc, 20°31' N. on the decl. arc, and determine a meridian with the solar marking the direction thereof by cutting a groove in the stone already set 6 chs. N. of my station, which coincides with the groove marking the meridian determined by Polaris observation.

At this same station, I set off 20°33' N. on the decl. arc, and at 11^h56^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°27' N.

At this same station, I set off 42°27' N. on the lat. arc, 20°36' N. on the decl. arc, and at 5 p.m., l.m.t., determine a meridian with the solar, marking the direction thereof by cutting a groove in the stone already set 6 chs. N. of my station, which coincides with the groove marking the meridian determined by Polaris observation.

The solar apparatus by a.m. and p.m. observations defines positions for the meridian which coincide with the meridian determined by Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.

The mag. bearing of the true meridian at 8 a.m., l.m.t., May 23, 1914, is N. 20°13' W. The angle thus determined gives the mag. decl. 20°13' E. The mean mag. decl. is 20°09' E.

May 23, 1914.

HOMESTEAD ENTRY SURVEY NO. 117 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

TIE LINE

Preliminary to the survey of this Homestead Entry, I make the following connection:

May 25, 1914: Beginning at cor. No. 1 of this survey, hereinafter described, identical with cor. No. 1 of listing survey, properly identified, I run by traverse

N. 12°32' W.	13.08	chs.
N. 56°18' W.	56.32	"
S. 79°03' W.	24.25	"
N. 89°07' W.	11.58	chs.
N. 59°31' W.	17.49	" to the cor. of secs.

4, 5, 32 and 33, Tps. 35 and 36 S., R. 11 W., Willamette Meridian, Oregon, which is a post, badly decayed, with bearing trees down, marked and witnessed as described by the surveyor general. I reestablish the cor. in the same position, as follows:

Set a slate rock, 24x12x6 ins., 18 ins. in the ground, over a stone marked with a cross for cor. of secs. 4, 5, 32 and 33, Tps. 35 and 36 S., R. 11 W., marked with four grooves on the E. face, and two grooves on the W. face; - from which -

A live oak, 8 ins. diam., bears S. 36°30' E., 76 lks. dist., marked T36S R 11 W S 4 B T

A madrona, 6 ins. diam., bears S. 67°10' W., 23 lks. dist., marked T 36 S R 11 W S 5 B T

(No bearing trees available NE. and NW.)

The true course for this tie line from cor. No. 1 of this survey to the cor. of secs. 4, 5, 32 and 33 is N. 64°11' W., 111.27 chs., as determined by calculation.

Course	Distance	Latitude N	Latitude S	Departure E	Departure W
N12°32'W	13.08	12.77			2.84
N56°18'W	56.32	31.25			46.86
S79°03'W	24.25		4.61		23.81
N89°07'W	11.58	0.18			11.58
N59°31'W	17.49	8.87			15.07
		53.07	4.61		100.16
CAL. Course					
S64°11'E	111.27		48.46	100.16	
		53.07	53.07	100.16	100.16

$\frac{100.16}{48.46}$ = tan. angle. $\frac{100.16}{\sin 64°11'}$ = distance.

log. 100.16 = 2.000694.
" 48.46 = 1.685383.
log.tan.64°11' = 0.315311.

log. 100.16 = 2.000694
log.sin 64°11' = 9.954335
log. 111.27 = 2.046359

May 25, 1914.

H. E. S. NO. 118

May 26, 1914: Beginning at cor. No. 1 of this survey, identical with cor. No. 1 of listing survey, properly identified, which I destroy, and in its place

HOMESTEAD ENTRY SURVEY NO. 118 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Set a conglomerate stone, 24x16x12 ins., 14 ins. in the ground, over a stone marked with a cross for meander cor. and cor. No. 1 of this survey, on the right bank of the Illinois River, marked M C on side facing the river, and 1 HES 118 on side facing the claim; - from which -
	A tan oak, 32 ins. diam., bears N. 4°30' E., 84 lks. dist., marked X M C 1 HES 118 B T
	An incense cedar, 12 ins. diam., bears S. 36°51' E., 40 lks. dist., marked X M C 1 HES 118 B T
	Raise a mound of stone, 4 ft. base, 3 ft. high, 3½ ft. dist., on line NE. of cor.
	May 26, 1914: At this cor., I set off 21°06' N. on the decl. arc, and at 11^h57^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°27' N.
	Thence I run
	N. 36°00' E., on a random line, and at 14.46 chs., fall 43 lks. S. 54°00' E. of cor. No. 2 of listing survey.
	(The true course of this line is N. 34°18' E., 14.47 chs.)
	Returning to cor. No. 1 of this survey, above described, I run
	N. 34°18' E., on a true line.
	Ascend through scattering yellow pine, along SE. slope.
14.47	To cor. No. 2, 225 ft. above cor. No. 1, identical with cor. No. 2 of listing survey, which I destroy, and in its place
	Set a porphyry stone, 32x12x8 ins., 22 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 118 on side facing the claim; - from which -
	A yellow pine, 16 ins. diam., bears S. 82°12' E., 76 lks. dist., marked X 2 HES 118 B T
	A yellow pine, 20 ins. diam., bears S. 15°22' E., 170 lks. dist., marked X 2 HES 118 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	Thence I run
	East, on a random line, and at 23.99 chs., fall 49½ lks. south of cor. No. 3 of listing survey.
	(The true course of this line is N. 88°49' E., 24.00 chs.)
	Returning to cor. No. 3 of this survey, above described, I run
	N. 88°49' E., on a true line
	Over open, rolling side hill.
4.35	Enter oak timber.
5.10	Draw, course S.
9.12	Spring branch, intermittent, 1 lk. wide, course S.

HOMESTEAD ENTRY SURVEY NO. 118 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
23.90	Agness-Kerby trail, bears N. and S.
24.00	To cor. No. 3, identical with cor. No. 3 of listing survey, which I destroy, and in its place
	Set a conglomerate rock, 28x15x12 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 118 on side facing the claim; - from which -
	A yellow pine, 56 ins. diam., bears N. 51°13' W., 26 lks. dist., marked X 3 HES 118 B T
	No other bearing trees available within 2 chs., therefore dig pits, 24x24x12 ins., crosswise on this and the succeeding course, 7 ft. dist., and raise a mound of stone and earth, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	May 26, 1914.
	May 27, 1914: From cor. No. 3 of this survey, above described, I run
	S. 6°00' W., on a random line, and at 16.50 chs., fall 77½ lks. N. 84°00' W. of cor. No. 4 of listing survey.
	(The true course of this line is S. 3°20' W., 16.61 chs.)
	Returning to cor. No. 3 of this survey, above described, I run
	S. 3°20' W., on a true line.
0.15	Agness-Kerby trail, bears NW. and SE.
	Thence over level land, through fir, yellow pine and oak and dense undergrowth.
4.80	Begin descent.
12.69	Pole fence, bears E. and W.
12.94	Ditch, 2 lks. wide, course W.
13.38	Creek, intermittent, 3 lks. wide, course SW.
14.50	Enter slashing.
16.61	To cor. No. 4, 220 ft. below cor. No. 3, identical with cor. No. 4 of listing survey, which I destroy, and in its place
	Set a conglomerate stone, 24x14x12 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 118 on side facing the claim; - from which -
	A fir, 36 ins. diam., bears S. 15°03' E., 46 lks. dist., marked X 4 HES 118 B T
	No other bearing tree available within 2 chs., therefore dig pits, 24x24x12 ins., crosswise on this and the succeeding course, 7 ft. dist., and raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	From this cor., a Forest Service Monument, a boulder, 12x8x8 ft. above ground, marked F S M on E. face, bears N. 69°23' W., 3.56 chs. dist.
	May 27, 1914: At this cor., I set off 21°16' N. on the decl. arc, and at 11^h57^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°27' N.

HOMESTEAD ENTRY SURVEY NO. 118 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Thence I run
	S. 60°00' E., on a random line, and at 6.52 chs., fall 19½ lks. S. 30°00' W. of cor. No. 5 of listing survey.
	(The true course of this line is S. 61°43' E., 6.52 chs.)
	Returning to cor. No. 4 of this survey, above described, I run
	S. 61°43' E., on a true line
	Through oak brush, across bottom.
0.45	Creek, 4 lks. wide, course S. 80° W.
6.35	Agness-Kerby trail, bears N. and S.
6.52	To cor. No. 5, identical with cor. No. 5 of listing survey, which I destroy, and in its place
	Set a conglomerate stone, 24x12x10 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 5 of this survey, marked 5 HES 118 on side facing the claim; - from which -
	A fir, 50 ins. diam., bears S. 18°12' E., 92 lks. dist., marked X 5 HES 118 B T
	A tan oak, 12 ins. diam., bears N. 79°16' W., 53 lks. dist., marked X 5 HES 118 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	Thence I run
	S. 56°00' W., on a random line, and at 10.95 chs., fall 57½ lks. N. 34°00' W. of cor. No. 6 of listing survey.
	(The true course of this line is S. 53°00' W., 10.97 chs.)
	Returning to cor. No. 5 of this survey, above described, I run
	S. 53°00' W., on a true line
	Across gravelly flat, through tan oak undergrowth.
0.08	Agness-Kerby trail, course N. and S.
0.00	Enter timber, fir, oak and madrona.
10.97	To cor. No. 6, identical with cor. No. 6 of listing survey, which I destroy, and in its place
	Set a quartz stone, 24x16x12 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 6 of this survey, marked 6 HES 118 on side facing the claim; - from which -
	A fir, 18 ins. diam., bears N. 9°40' E., 126 lks. dist., marked X 6 HES 118 B T
	A tan oak, 12 ins. diam., bears N. 61°00' E., 66 lks. dist., marked X 6 HES 118 B T
	Raise a mound of stone and earth, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.

HOMESTEAD ENTRY SURVEY NO. 118 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Thence I run
	West, on a random line, and at 15.23 chs., fall 18 lks. N. of cor. No. 7 of listing survey.
	(The true course of this line is S. 89°18' W., 15.23 chs.)
	Returning to cor. No. 6 of this survey, above described, I run
	S. 89°18' W., on a true line
	Across level ground, through timber.
15.23	To cor. No. 7, and meander cor. on right bank of the Illinois River, identical with cor. No. 7 of listing survey, which I destroy, and in its place
	Set a slate stone, 24x12x8 ins., 14 ins. in the ground, over a stone marked with a cross for meander cor. and cor. No. 7 of this survey, marked M C on side facing the river, and 7 HES 118 on side facing the claim; - from which -
	A fir, 58 ins. diam., bears N. 68°21' E., 69 lks. dist., marked X M C 7 HES 118 B T
	A tan oak, 14 ins. diam., bears N. 66° W., 21 lks. dist., marked X M C 7 HES 118 B T
	Raise a mound of stone and earth, 4 ft. base, 2 ft. high, on line 3½ ft. E. of cor.
	May 27, 1914.

May 28, 1914: From cor. No. 7 of this survey, above described, I run meanders of right bank of Illinois River

Through heavy fir, tan oak, live oak and dense undergrowth.

N. 65°05' W., 4.14 chs.

N. 52°05' W., 5.05 "

N. 33°45' W., 5.53 " - 3.20 chs., creek, 3 lks. wide in gulch, 30 ft. deep, course SW.

N. 25°14' W., 5.06 chs. - 1.95 chs., spring branch, 1 lk. wide, course W.

To cor. No. 1, the place of beginning.

May 28, 1914: At cor. No. 1, I set off 21°26' N. on the decl. arc, and at 11^h57^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°27' N.

AREA

Total area of H.E.S. No. 118 - 72.71 acres.

HOMESTEAD ENTRY SURVEY NO. 118 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

IMPROVEMENTS

	Value
Log house, 14x16 ft., course of longsides NW. and SE., the most southerly cor. of which bears N. 54°49' W., 3.82 chs. dist. from cor. No. 4 -	$150.00
Log and shake barn, 18x30 ft., course of longsides S. 40° W., and N. 40° E., the SE. cor. of which bears N. 86°54' W., 5.92 chs. dist. from cor. No. 4 -	125.00
Shake chicken house, 7x9 ft., the SE. cor. of which bears N. 35°29' W., 4.32 chs. dist. from cor. No. 4 -	20.00
Shake woodshed, 16x20 ft., course of longsides NW. and SE., the SE. cor. of which bears N. 42°13' W., 3.60 chs. dist. from cor. No. 4 -	50.00
Three shake pig pens -	25.00
One-quarter mile picket fencing -	50.00
One-half mile rail fencing -	50.00
Two acres land under cultivation; 40 fruit trees -	350.00
Total value of improvements -	$820.00

GENERAL DESCRIPTION

This Homestead Entry lies on a bench and hillside on the east side of the Illinois River. The general slope is southwesterly, and the claim is practically level, about one-fourth being on rather steep, wooded hillsides. There is a mixed stand of pine, fir, oak and madrona timber.

The land is well adapted to the production of hay, grain, fruit, vegetables and berries, but as there is no convenient market, crops are raised purely for home consumption. The ground is well watered from the numerous small creeks which traverse the claim.

The region in general is characterized by long, wet winters, with but little snow. Summers, as a rule, are cool, with occasional short spells of intense heat.

There are no mineral indications.

Agness, Oregon, about 8 miles northwest by trail, is the nearest post office. Gold Beach, Oregon, about 33 miles west, on the Pacific Ocean, may be reached from Agness by trail or water. West Fork, Oregon, about 48 miles northeast on the Southern Pacific R.R., is the nearest railroad station.

LOCATION

This homestead is located in approximate section 3, unsurveyed, T. 36 S., R. 11 W., Willamette Meridian, Oregon.

REPORT

The survey of this homestead embraces an area wholly confined within the listed and entered description.

HOMESTEAD ENTRY SURVEY NO. 118 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

The disagreements between these field notes and the listed and entered descriptions regarding the courses and distances are due to errors in the latter. The courses 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.

BOUNDARIES OF H.E.S. NO. 118

True Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
N34°18'E	14.47	11.95		8.15	
N88°49'E	24.00	0.50		23.99	
S 3°20'W	16.61		16.58		0.97
S61°43'E	6.52		3.09	5.74	
S53°00'W	10.97		6.60		8.76
S89°18'W	15.23		0.19		15.23
N65°05'W	4.14	1.74			3.75
N52°05'W	5.05	3.10			3.98
N33°45'W	5.53	4.60			3.07
N25°14'W	5.06	4.58			2.16
		26.47	26.46	37.88	37.92

Error in lat. - 1 lk.
Error in dep. - 4 lks.

(signed) Norman C. White
Asst. Forest Ranger.

May 28, 1914.

HOMESTEAD ENTRY SURVEY NO. 118 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, February 4, 1916.

The foregoing field notes of Homestead Entry Survey No. 118 situate in sec. 3, unsurveyed, T. 36 S., R. 11 W. of the Willamette Meridian, Oregon, within the Siskiyou National Forest,

executed by Norman C. White, Asst. Forest Ranger, under his special instructions, dated January 26, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General

(SEAL)

CHAINS			

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 206.
SITUATED IN THE
Siskiyou NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6
Approximately in
Section 10, unsurveyed, Township 36 S., Range 11 W.

of the
Willamette Meridian,
State of
Oregon

Applicant for listing	Hugo Mayer
Residence	Agness, Oregon.
Application No. 94,	dated May 5, 1910
List No. 6 - 1570,	dated November 23, 1914

Applicant for survey	Hugo Mayer
Residence	Agness, Oregon.
H. E. No. 010099,	dated June 2, 1915
Land District	Roseburg, Oregon.

Survey executed by Ben. A. Eddy, Forest Ranger

Under special instructions dated January 25, 1917.

Survey commenced July 20, 1917.

Survey completed July 25, 1917.

Under Acts of June 11, 1906 and March 4, 1917.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. April 23, 1919.

CHAINS

OATH OF ASSISTANTS

We hereby cerify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those pats or portions of Homestead Entry Survey No. 206, 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.

(signed) Chainman - Mr Eugene R. Fry.

(signed) Axeman - Marshal Fry

Subscribed and sworn to before me this 25 day of July, 1917.

Ben A. Eddy

Forest Ranger

OATH OF SURVEYOR

I, Ben A. Eddy, Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 25, 1917, 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. 6-1570, dated Nov. 23, 1914, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 206, situated within the Siskiyou National Forest, in approximate unsurveyed Section 10, Township 36 S., Range 11 W. 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.

(signed) Ben A. Eddy

Forest Ranger,

Subscribed and sworn to before me this 1st day of February, 1919.

(signed) F. D. Strause

(SEAL) Notary Public For Oregon

My commission Expires September 20th 1922.

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Entryman: Hugo Mayer

H.E. No. 010099, dated June 2, 1917.

Land Office: Roseburg, Oregon.

Survey commenced July 20, 1917, and executed with a W. and L. E. Gurley light mountain transit No. 12985; 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 vernier of the latitude arc.

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 11, 1917.

All measurements, unless otherwise specified, are made with a 1/8 inch steel tape, 8 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 establish a meridian by observations on Polaris, I proceed as follows:

July 20, 1917: At point for Cor. No. 1 of the Homestead Entry Survey, at 11^h41^m p.m., l.m.t., I observe Pol. at E. elong., and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chs. N. of my station.

July 21, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Pol. 93 minutes to the W. and mark the mer. thus determined, by a tack in a peg set in the ground 5 chs. N. of my station.

At this point, I determine the lat. of my station by observing the sun at its highest point at apparent noon. Mean of two angles to sun's upper limb is 66°16'00"; declination at time of observation is 20°28'47" N.; resulting lat. is 42°28'53" N. The longitude as determined from a reliable and accurate map is 123°59' W.

At 11^h37^m p.m., l.m.t., I observe Pol. at E. elong., and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chs. N. of my station.

July 22, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Pol. 93 minutes to the W., and mark the mer. thus determined, by a tack in the peg previously set, on which the mer. falls 0.05 ins. W. of the mark determined by the Pol. obsn. of July 20, 1917.

The two observations on Pol. determine positions for the meridian within 2 minutes of arc of each other. I adopt the mean of the two determinations as the true meridian and prolong the same throughout the survey by sustained angulation.

The mag. bearing of the true mer. at this cor. at 8^h00^m a.m. is N. 18°15' W.; the angle thus determined gives the mag. decl. 18°15' E. The mean mag. decl. is 18°09' E.

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

TIE LINE

July 21, 1917. Preliminary to the survey of this homestead entry, I make the following connections:

Beginning at Cor. No. 1 of this survey, hereinafter described, thence by traverse

N.54°07'E. 17.98 chs.

S.56°30'W. 0.67 "

S.36°30'W. 1.18 "

S. 7°48'W. 5.81 "

East 1.35 "

S.69°47'E. 4.35 "

N.10°47'W. 67.70 "

N. 1°48'W. 19.45 chs.

N. 7°30'E. 11.49 "

N.88°47'W. 58.70 "

S.82°50'W. 35.60 "

N.59°00'W. 17.35 " to the cor. of secs. 4, 5, 32 and 33, Tps. 35 and 36 S., R. 11 W., W.M., which is a slate stone 10x12x6 ins. above ground, firmly set, mkd. and witnessed as described in H.E.S. No. 118.

The true bearing and length of this line is N. 44°21'27" W. 146.91 chs., as determined by calculation;

		Latitude		Departure	
Bearing	Distance	North	South	East	West
N.54°07'E.	17.98	10.54	..	14.57	..
S.56°30'W.	0.67	..	0.37	..	0.56
S.36°30'W.	1.18	..	0.95	..	0.70
S. 7°48'W.	5.81	..	5.76	..	0.79
East	1.35	..	..	1.35	..
S.69°47'E.	4.35	..	1.50	4.08	..
N.10°47'W.	67.70	66.50	..	..	12.67
N. 1°48'W.	19.45	19.44	..	..	0.61
N. 7°30'E.	11.49	11.39	..	1.50	..
N.88°47'W.	58.70	1.25	..	..	58.69
S.82°50'W.	35.60	..	4.44	..	35.32
N.59°00'W.	17.35	8.94	..	..	14.87
		118.06	13.02	21.50	124.21
Calculated course S.44°21'27"E.146.91		..	105.04	102.71	..
		118.06	118.06	124.21	124.21

$\frac{102.71}{105.04}$ = tan. angle $\frac{105.04}{\cos.44°21'27"}$ = distance

July 21, 1917.

July 22, 1917.

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Beginning at meander cor. and Cor. No. 2 of this survey hereinafter described, thence by traverse.

S.56°30'W. 0.67 chs.

S.36°30'W. 1.18 "

S. 7°48'W. 5.81 "

East 1.35 "

S.69°47'E. 4.35

N.10°47'W. 67.70 "

S.34°18'W. 14.47 "

S.25°14'E. 5.06 "

S.33°45'E. 5.53 "

S.52°05'E. 5.05 chs.

S.65°05'E. 4.14 " to meander cor. and Cor. No. 7 of H.E.S. No. 118, which is a slate stone 10x12x8 ins. above ground, firmly set, marked and witnessed as described in the field notes of H.E.S. No. 118.

The true bearing and length of this line is N.7°59'W., 32.26 chs. as determined by calculation;

		Latitude		Departure	
Bearing	Distance	North	South	East	West
S.56°30'W.	0.67	..	0.37	..	0.56
S.36°30'W.	1.18	..	0.95	..	0.70
S. 7°48'W.	5.81	..	5.76	..	0.79
East	1.35	..	..	1.35	..
S.69°47'E.	4.35	..	1.50	4.08	..
N.10°47'W.	67.70	66.50	..	..	12.67
S.34°18'W.	14.47	..	11.95	..	8.15
S.25°14'E.	5.06	..	4.58	2.16	..
S.33°45'E.	5.53	..	4.60	3.07	..
S.52°05'E.	5.05	..	3.10	3.98	..
S.65°05'E.	4.14	..	1.74	3.75	..
		66.50	34.55	18.39	22.87
Calculated course					
S.7°59'E.	32.26	..	31.95	4.46	..
		66.50	66.50	22.87	22.87

$\frac{4.48}{31.95}$ = tan. angle. $\frac{31.95}{\cos.7°59'}$ = distance.

Beginning at point for meander cor. and Cor. No. 3 of this survey, thence by traverse,

N.42°07'W. 16.21 chs.

N. 0°27'E. 8.85 "

N.74°37'E. 12.99 "

S.20°37'E. 19.85 "

S. 3°00'W. 1.61

S.42°00'E. 0.46

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS			
	S. 7°00'W.	2.00	chs.
	S. 7°30'W.	1.73	"
	S. 1°30'E.	1.20	"
	S.14°00'W.	2.55	"
	S. 5°00'W.	2.23	"
	S.57°00'E.	0.85	"
	S. 4°00'W.	2.41	"
	S.32°00'W.	2.31	"
	S.20°00'W.	1.83	chs.
	S. 2°30'E.	2.33	"
	S.20°00'E.	0.27	"
	S.11°30'W.	2.70	"
	S. 1°00'W.	3.31	"
	S. 1°30'W.	3.61	"
	S. 8°30'E.	1.71	"
	S.19°45'E.	4.44	"
	S.34°00'E.	1.48	"
	S.17°00'E.	2.19	"
	S.33°30'E.	1.91	"
	S. 2°00'W.	1.84	"
	S. 6°00'E.	1.76	"
	S.41°00'E.	0.56	"
	S. 8°00'W.	2.38	"
	S. 7°00'E.	0.58	"
	East	0.53	"
	S.83°00'E.	1.34	"
	S. 6°30'W.	2.32	"
	S.26°00'E.	1.52	"
	S. 5°45'W.	3.27	"
	S.17°30'E.	0.68	"
	S. 3°30'W.	4.55	"
	S. 3°00'E.	2.32	"
	S.16°00'W.	2.91	"
	S.17°00'W.	2.31	"
	S.19°00'W.	1.74	"

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

S.14°00'W. 1.16 chs.

S. 8°30'E. 4.39 "

S. 4°30'W. 2.10 "

S.28°00'W. 3.38 "

S.30°00'W. 2.55 "

S.18°00'W. 3.40 "

S.14°00'W. 3.94 "

N.12°30'W. 3.42 chs.

N. 8°00' W. 1.70 " to meander cor. and Cor. No. 2 of H.E.S. No. 215, which is a sandstone 10x10x5 ins. above ground, firmly set, marked and witnessed as described in the field notes of H.E.S. No. 215.

The true bearing and length of this line is S. 3°49' E., 71.85 chs., as determined by calculation;

		Latitude		Departure	
Bearing	Distance	North	South	East	West
N.42°07'W.	16.21	12.02	..	..	10.87
N. 0°27'E.	8.85	8.85	..	0.07	..
N.74°37'E.	12.99	3.45	..	12.52	..
S.20°37'E.	19.85	..	18.58	6.99	..
S. 3°00'W.	1.81	..	1.81	..	0.09
S.42°00'E.	0.46	..	0.34	0.31	..
S. 7°00'W.	2.00	..	1.99	..	0.24
S. 7°30'W.	1.73	..	1.72	..	0.23
S. 1°30'E.	1.20	..	1.20	0.03	..
S.14°00'W.	2.55	..	2.47	..	0.62
S. 5°00'W.	2.23	..	2.22	..	0.19
S.57°00'E.	0.85	..	0.46	0.71	..
S. 4°00'W.	2.41	..	2.40	..	0.17
S.32°00'W.	2.31	..	1.96	..	1.22
S.20°00'W.	1.83	..	1.72	..	0.63
S. 2°30'E.	2.33	..	2.33	0.10	..
S.20°00'E.	0.27	..	0.25	0.09	..
S.11°30'W.	2.70	..	2.65	..	0.54
S. 1°00'W.	3.31	..	3.31	..	0.06
S. 1°30'W.	3.61	..	3.61	..	0.09
S. 8°30'E.	1.71	..	1.69	0.25	..
S.19°45'E.	4.44	..	4.18	1.50	..
S.34°00'E.	1.48	..	1.23	0.83	..
S.17°00'E.	2.19	..	2.09	0.64	..
S.33°30'E.	1.91	..	1.59	1.05	..
S. 2°00'W.	1.84	..	1.84	..	0.06
S. 6°00'E.	1.76	..	1.75	0.18	..
S.41°00'E.	0.56	..	0.42	0.37	..
S. 8°00'W.	2.38	..	2.36	..	0.33
S. 7°00'E.	0.58	..	0.58	0.07	..
East	0.53	..	..	0.53	..
S.83°00'E.	1.34	..	0.16	1.33	..
S. 6°30'W.	2.32	..	2.31	..	0.26
S.26°00'E.	1.52	..	1.37	0.67	..
S. 5°45'W.	3.27	..	3.25	..	0.33
S.17°30'E.	0.68	..	0.65	0.20	..
S. 3°30'W.	4.55	..	4.54	..	0.28
S. 3°00'E.	2.32	..	2.32	0.12	..
S.16°00'W.	2.91	..	2.80	..	0.80
S.17°00'W.	2.31	..	2.21	..	0.68

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Bearing	Distance	Latitude North	Latitude South	Departure East	Departure West
S.19°00'W.	1.74	..	1.65	..	0.57
S.14°00'W.	1.16	..	1.13	..	0.28
S. 8°30'E.	0.39	..	0.39	0.06	..
S. 4°30'W.	2.18	..	2.17	..	0.17
S.28°00'W.	3.38	..	2.98	..	1.59
S.30°00'W.	2.55	..	2.21	..	1.28
S.18°00'W.	3.40	..	3.23	..	1.05
S.14°00'W.	0.94	..	0.91	..	0.23
N.12°30'W.	3.42	3.34	..	..	0.74
N. 8°00'W.	1.70	1.68	..	..	0.24
		29.34	101.03	28.62	23.84
Calculated course					
N.3°49'W.	71.85	71.69	..	..	4.78
		101.03	101.03	28.62	28.62

$\frac{4.78}{71.69}$ = tan. angle. $\frac{71.69}{\cos.3°49'}$ = distance.

H.E.S. No. 206

All listing cors. referred to herein are properly identified, being mkd. and witnessed as described by the Forest Service in the listing survey.

July 24, 1917. Beginning at point for Cor. No. 1 of this survey, identical with Cor. No. 2 of the listing survey, which is a pine tree 20 ins. dia., I destroy the marks of the listing survey and in its place establish Cor. No. 1 of this survey as follows:

Mark the tree above described 1 HES 206, on side facing the claim, for Cor. No. 1 of this survey, - from which -

A pine, 24 ins. dia., bears N. 26°15' W., 31 lks. dist., mkd. X 1 HES 206 B T.

A pine, 20 ins. dia., bears S. 77°00' W., 33 lks. dist., mkd. X 1 HES 206 B T.

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

The cor. of secs. 4, 5, 32, and 33, Tps. 35 and 36 S., R. 11 W., bears N. 44°21'27" W. 146.91 chs. dist.

Thence,

N. 54°10'E., on a true line.

Over rolling ground through scattering timber.

17.88 Intersect Cor. No. 1 of the listing survey, the marks of which I now destroy.

18.00 To angle point in the left bank Illinois River, which I establish as meander cor. and Cor. No. 2 of this survey as follows:

Set a conglomerate stone, 26x12x8 ins., 16 ins. in the ground, over a stone mkd. with a cross for meander cor. and Cor. No. 2 of this survey, mkd. 2 HES 206, on side facing the claim, and MC on side facing the river, - from which -

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	A fir, 14 ins. dia., bears N. 10°30' E., 26 lks. dist., mkd. X 2 HES 206 MC B T.
	A tan oak, 10 ins. dia., bears S. 89°00' W., 64 lks. dist., mkd. X 2 HES 206 MC B T.
	Raise a mound of earth 4 ft. base, 2 ft. high, 3-1/4 ft. dist., on line SW. of corner.
	Meander cor. and Cor. No. 7 of H.E.S. No. 118, heretofore described, bears N. 7°59' W., 32.26 chs. dist.
	Thence with meanders of left bank of Illinois River, upstream
	S. 2°00' W. 17.90 chs.
	S. 13°00' W. 13.90 " to angle point on the left bank Illinois River, which I establish as
	Meander cor. and Cor. No. 3 of this survey as follows;
	Set a basalt stone, 24x12x10 ins., 14 ins. in the ground, over a stone mkd. with a cross for meander cor. and Cor. No. 3 of this survey, mkd. 3 HES 206 on side facing the claim, and MC on side facing the river, - from which -
	A live oak, 16 ins. dia., bears N. 9°45' W., 36 lks. dist., mkd. X 3 HES 206 MC B T.
	A sugar pine, 12 ins. dia., bears S. 8°00' W., 2 lks. dist., mkd. X 3 HES 206 MC B T.
	Mound impracticable.
	Meander cor. and Cor. No. 2 of H.E.S. No. 215, bears S. 3°49' E., 71.85 chs. dist.
	Thence
	N. 42°11' W. on a true line
	Over rolling ground, through scattering timber
0.10	Intersect Cor. No. 4 of ths listing survey, the marks of which I now destroy.
1.90	Trail bears NE. and SW.
5.00	Spring branch, 2 lks. wide, course NE.
14.20	" " 4 " " course E.
16.23	To point for Cor. No. 4 of this survey, identical with Cor. No. 3 of the listing survey, which is a pine 8 ins. dia., I destroy the marks of the listing survey and in its place establish Cor. No. 4 of this survey as follows:
	Mark the tree above described, 4 HES 206 on side facing the claim, for Cor. No. 4 of this survey, - from which -
	A pine, 4 ins. dia., bears N. 0°30' E., 27 lks. dist., mkd. X 4 HES 206 B T.
	A sugar pine, 10 ins. dia., bears S. 50°00' E., 20 lks. dist., mkd. X 4, HES 206 B T.
	Mound impracticable.
	July 24, 1917.

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	July 25, 1917: From Cor. No. 4 of this survey, above described, thence,
	N. 0°27' E., on a true line
	Over rolling ground, through scattering timber and underbrush.
8.85	To Cor. No. 1 of this survey, heretofore described, the place of beginning.

AREA

Total area of H.E.S. No. 206	28.17 acres

IMPROVEMENTS

Log cabin, 12x16 ft., longsides E. & W., the NE. cor. of which bears S. 12°30' W., 10.40 chs. dist. from Cor. No. 2	Value $150
Log smoke house, 4x4 ft., longsides N. & S., the NE. cor. of which bears S. 15°00' W., 10.50 chs. dist. from Cor. No. 2	Value $ 10
Log shed, 12x18 ft., longsides E. & W., the NE. cor. of which bears S. 10°15' W., 11.20 chs. dist. from Cor. No. 2	Value $ 25
5 acres cleared land	Value $250
1/2 acre cultivated land	Value $ 50
Total value of improvements	$485

GENERAL DESCRIPTION

The area within the boundaries of this homestead lies on a bench about 40 ft. above Illinois River. The west portion of the claim is covered with a scattering growth of pine, fir, tan oak and madrona. The soil is first rate, capable of raising garden and hay.

Water for domestic use is obtained from a spring about 3 chs. S. of house.

The character of the land is non-mineral. Agness, post office, is about 11 miles to the NW. and the nearest railroad point is West Fork on the Southern Pacific Ry., about 60 miles northeast.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts.

H.E.S. No. 215, approved survey, lies S. of this claim about 7/8 mile dist. and H.E.S. No. 118, accepted survey, lies about 3/8 mile northerly.

LOCATION

This homestead is located in approximate sec. 10, T. 36 S., R. 11 W., W.M., Oregon.

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

REPORT

The survey of this homestead embraces an area wholly confined within the listed and entered description.

The disagreements between these field notes and the listed and entered descriptions regarding the bearings and distances are due to errors in the latter.

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

BOUNDARIES OF H.E.S. No. 206

		Latitudes		Departure	
Bearing	Distance	North	South	East	West
N.54°10'E.	18.00	10.54	..	14.59	..
S. 2°00'W.	17.90	..	17.89	..	.62
S.13°00'W.	13.90	..	13.54	..	3.13
N.42°11'W.	16.23	12.03	..	..	10.90
N. 0°27'E.	8.85	8.85	..	.07	..
	74.88	31.42	31.43	14.66	14.65

Error in lat. = 1 lk.
Error in dep. = 1 lk.
Error of closure = 1:5295

July 25, 1917.

(signed) Ben A. Eddy
Forest Ranger.

HOMESTEAD ENTRY SURVEY NO. 206 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, Mar. 29, 1919

The foregoing field notes of Homestead Entry Survey No. 206 located in approximate sec. 10, unsurveyed, Tp. 36 S., R. 11 W., W.M., within the Siskiyou National Forest, State of Oregon,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated January 25, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General

(SEAL)

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 215
SITUATED IN THE
SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6
in
Unsurveyed Township 36 S., Range 11 W.

of the
Willamette Meridian
State of Oregon

---

and
FIELD NOTES OF U.S.L.M. No. 215

Applicant for listing Charles H. Stear,

Residence Agness, Oregon

Application No. 282, dated October 7, 1912.

List No. 6-929, dated March 24, 1913.

Applicant for survey James M. O'Connor,

Residence Agness, Oregon.

H. E. No. 09922, dated December 28, 1914.

Land Office: Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger.

Under special instructions dated February 24, 1917.

Survey commenced July 18, 1917.

Survey completed July 20, 1917.

Under Acts of June 11, 1906, and March 4, 1917.

ACCEPTED BY THE HON. COMMISSIONER G.L.O. March 28, 1919.

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 215, 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.

Chainman - (signed) Mr. Eugene R. Fry.

Axeman - (signed) Marshal Fry.

Subscribed and sworn to before me this 21 day of July, 1917.

(signed) Ben A. Eddy.

Forest Ranger.

OATH OF SURVEYOR

I, Ben A. Eddy, Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United Surveyor General for Oregon, dated February 24, 1917, 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. 6-929, dated March, 24, 1913, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 215, situated within the Siskiyou National Forest, in unsurveyed Township 36 S., Range 11 W., 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.

(signed) Ben A.Eddy

Forest Ranger

Subscribed and sworn to before me this third day of April, 1918.

Georgene L. Miller

(SEAL)

Notary Public

My commission expires March 8, 1921.

HOMESTEAD ENTRY SURVEY NO. 215 SISKIYOU NATIONAL FOREST STATE OF OREGON

CHAINS

Entryman: James M. O'Connor.
H.E.No.09922, dated December 28, 1914.
Land Office: Roseburg, Oregon.

Survey commenced July 18, 1917, and executed with a W. and L. E. Gurley light mountain transit No. 12985 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 latitude and decl. 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 11, 1917.

All measurements, unless otherwise specified, are made with a 1/8 inch steel tape, 5 chains in length, compared with a Chesterman std. steel tape. Clinometers are used to determine slope angles, and mesurements 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:

July 18, 1917: At meander cor. and Cor. No. 1 of this survey, hereinafter described, in latitude 42° 27' N., hereinafter determined, longitude 123° 59' W., obtained from blue print accompanying special instructions.

At 8^h03^m p.m., l.m.t., I observe Polaris and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. north of my station.

L.m.t. of upper culmination, July 19, 1917,	=	$5^h43.5^m$ a.m.
L.m.t. of observation, July 18, 1917	=	$8^h03.0^m$ p.m.
Hour angle	=	$9^h40.5^m$
Azimuth of Polaris		0° 52' E.

July 18, 17.

July 19, 1917: At 7^h45^ma.m., l.m.t., I lay off the azimuth of Polaris 52 minutes to the west, and mark the mer. thus determined, by a tack in a peg firmly set in the ground 5 chs. north of my station.

At 8^h00^ma.m., l.m.t., I set off 42° 27' N. on the lat. arc, 20° 54' 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 the cor.; this mark falls o.30 ins. east of the mer. established by the Pol. obsn.

July 19, 1917: At the above mentioned cor., I set off 20° 52'N. on the decl. arc, and at 12^h06^m l.m.t., obs. the sun on the mer.; the resulting latitude is 42° 27' N.

At 2 00 p.m., l.m.t., I set off 42° 27' N. on the lat. arc, 20° 51' 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 the cor.; this mark falls 0.20 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 Pol. obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.

CHAINS

The mag. bearing of the true mer. at this cor. at 8^h00^m a.m. is N. 18° 15' W.; the angle thus determined gives the mag. decl. 18° 15' E. The mean mag. decl. is 18° 09' E.

TIE LINE AND ESTABLISHMENT OF U.S.L.M. No. 215.

July 19, 1917: As it is known that there are no corners of the public land survey, nor any U.S. Location Monuments within two miles of this homestead entry, I make the following connection preliminary to the survey:

Beginning at point for Cor. No. 1 of this survey, thence by traverse

N. 79° 04' E., 1.13 chs.

S. 48° 30' E., 1.43 chs.

S. 37° 30' E., 3.29 chs.

S. 38° 30' E., 2.13 chs.

S. 89° 00' E,, 0.37 chs.

S. 29° 30' E., 2.32 chs.

S. 37° 45' E., 2.28 chs.

S. 29° 30' E., 2.72 chs. to point for U.S.L.M. No. 215, which I establish as follows:

Mark a granite stone in place 3 x 3 x 2 ft. above ground, USLM No 215 on east face and a cross (+) on top for exact monumental point; - from which -

A live oak, 24 ins. diam., bears N. 5° 00' E., 23 lks. dist., marked U S L M 215 BT.

A live oak, 18 ins. dia., bears N. 38° 30' W., 83 lks. dist., marked U S L M 215 BT.

A fir, 10 ins. dia. bears S. 33° 00' E., 55 lks. dist., marked U S L M 215 BT.

A fir, 30 ins. dia., bears N. 84° 15' W., 69 lks. dist., marked U S L M. 215 B T.

This monument is located on a prominent rocky point 1 ch. east of the Illinois River.

The trail to Bald Mountain bears East 25 lks.

The confluence of Siver Creek and Illinois River bears S. 9° 30'W., 5 chs. dist.

High sharp peak bears S. 20° 30' W., about 8 miles dist.

Low timbered point across Illinois River bears S. 58° 00' W., about 20 chs. dist.

The true bearing and length of this line is S.40° 35' E., 14.85 chs. dist., as determined by calculation.
U.S.GS B.M. near mouth of Silver Creek bears S.0°08'W., 7.50 chs. dist.
The latitude at U.S.L.M. #215 is 42° 27' N. and the longitude is 123° 59' W.

HOMESTEAD ENTRY SURVEY NO. 215 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N.79°04'E.	1.13	.21	..	1.11	..
S.48°30'E.	1.43	..	.95	1.07	..
S.37°30'E.	3.29	..	2.61	2.00	..
S.38°30'E.	2.13	..	1.67	1.33	..
S.89°00'E.	0.37	..	.01	0.37	..
S.26°30'E.	2.32	..	2.08	1.04	..
S.37°45'E.	2.28	..	1.80	1.40	..
S.29°30'E.	2.72	..	2.37	1.34	..
		.21	11.49	9.66	..
Calculated course					
N.40°35'W.	14.85	11.28			9.66
		11.49	11.49	9.66	9.66

$\frac{9.66}{11.28}$ = tan. angle $\frac{11.28}{\cos.40°35'}$ = distance

---

H.E.S. No. 215.

All listing cors. referred to herein are properly identified, being marked and witnessed as described by the Forest Service in the listing survey.

July 18, 1917: Beginning at point for meander cor. and cor. No. 1 of this survey, on right bank of Illinois River on prolongation of line 2 - 3 of the listing survey. I establish meander cor. and cor. No. 1 of this survey as follows:

Set a sandstone, 26 x 12 x 10 ins., 16 ins. in the ground, over a stone marked with a cross for meander cor. and cor. No. 1 of this survey, marked 1 HES 215 on side facing the claim and MC on side facing the river; - from which -

A live oak, 5 ins. dia., bears N. 31°00' W., 11 lks. dist., marked X 1 HES 215 M C B T.

A madrona, 6 ins. dia., bears S. 6°45' E., 10 lks. dist,, marked X 1 HES 215 M C B T.

Mound impracticable.

Cor. is located on bluff overlooking river.

U.S.L.M. No. 215 bears S. 40°35' E., 14.85 chs. dist.

I destroy all evidence of the Forest Service Monument referred to in the listing survey.

Thence with meanders of right bank of Illinois River downstream,

N.19°30'W., 4.70 chs.

N. 3°30'W., 1.14 chs.

N.26°00'E., 1.83 chs.

N.35°15'E., 4.00 chs.

N.28°30'W., 3.14 chs.

N.64°00'W., 4.73 chs.

N.50°45'W., 1.47 chs.

N.38°00'W., 2.26 chs.

HOMESTEAD ENTRY SURVEY NO. 215 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	North, 2.54 chs.
	N.16°00'E., 1.31 chs.
	N.46°30'E., 1.56 chs.
	N.40°00'E., 1.92 chs.
	N.80°30'E., 7.30 chs.
	N.51°30'E., 2.33 chs. to point for meander cor. and cor. No. 2 of this survey, on a prolongation of line 2 - 1 of the listing survey. I establish meander cor. and cor. No. 2 of this survey as follows:
	Set a sandstone, 24 x 10 x 5 ins., 14 ins. in the ground, over a stone marked with a cross for meander cor. and cor. No. 2 of this survey, marked 2 HES 215 on side facing the claim and M C on side facing the river; - from which -
	A fir, 24 ins. dia., bears N. 61°45' E., 12 lks. dist., marked X 2 HES 215 M C B T.
	A live oak, 14 ins. dia., bears S. 28°30' W., 29 lks. dist., marked X 2 HES 215 M C B T.
	Mound impracticable.
	July 19, 1917.

	July 20, 1917: From meander cor. and cor. No. 2 of this survey, above described, thence
	S. 10°34' E.
	Along west slope, through timber and undergrowth.
0.05	To cor. No. 1 of the listing survey, the marks of which I destroy.
5.11	Trail bears northeast and southwest.
6.14	Trail bears northwest and southeast.
9.48	Trail bears northeast and southwest.
19.41	To cor. No. 2 of the listing survey, which I now destroy and in its place establish cor. No. 3 of this survey as follows:
	Set a sandstone, 28 x 16 s 8 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 215 on side facing the claim; - from which -
	A tan oak, 8 ins. dia., bears S. 38°15' W., 8 lks. dist., marked X 3 HES 215 B T.
	A tan oak, 10 ins. dia., bears N. 2°00' E., 37 lks. dist., marked X 3 HES 215 B T.
	Mound impracticable.

	Thence
	S. 47°01' W.

HOMESTEAD ENTRY SURVEY NO. 215 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Over rolling ground, through scattering timber.
9.80	Trail bears northwest and southeast.
11.55	To cor. No. 3 of the listing survey, the marks of which I destroy.
11.62	To cor. No. 1, the place of beginning.

July 20, 1917: At the above mentioned cor., I set off 20°41' N. on the decl. arc, and at 12^h06^m l.m.t., obs. the sun on the meridian; the resulting latitude is 42°27' N.

AREA.

Total area of H.E.S. No. 215, 21.95 acres

IMPROVEMENTS

	Value
Shake cabin, 12 x 20 ft., longsides east and west, the southwest cor. of which bears N. 51°20' W., 8.40 chs. dist. from Cor. No. 3,	$ 40.00
One acre cleared and cultivated land,	100.00
Total value of improvements,	$140.00

GENERAL DESCRIPTION

The area within the boundaries of this homestead is rolling ground, covered with a scattering stand of timber. The soil is second-rate, capable of raising garden truck and hay.

Water for domestic use is obtained from a spring about 3 chs. east of cabin.

The character of the land is non-mineral.

Agness post office is about 12 miles to the northwest, and the nearest railroad point is West Fork, about 50 miles to the northeast, on the Southern Pacific Railway.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts. H.E.S. No. 118, accepted, and H.E.S. No. 206, subsequently surveyed, lie north of this claim. The tie lines are shown in the field notes of H.E.S. No. 206, and, therefore are not included here.

LOCATION

This homestead is located in unsurveyed Township 36 South, Range 11 West, Willamette Meridian, Oregon. The location of this claim as recorded in List No. 6-929 is within section 10. Owing to the remoteness of the public surveys and extreme uncertainties as to how they will finally be extended, it is impossible to verify this location.

HOMESTEAD ENTRY SURVEY NO. 215 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

REPORT.

The survey of this homestead embraces an area wholly confined within the listed and entered description.

The disagreements between these field notes and the listed and entered descriptions regarding the bearings and distances, are due to errors in the latter. 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.

BOUNDARIES OF H.E.S. No. 215.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N.19°30'W.	4.70	4.43	..	..	1.57
N. 3°30'W.	1.14	1.14	..	..	0.07
N.26°00'E.	1.83	1.64	..	0.80	..
N.35°15'E.	4.00	3.27	..	2.31	..
N.28°30'W.	3.14	2.76	..	..	1.50
N.64°00'W.	4.73	2.07	..	..	4.25
N.50°45'W.	1.47	0.93	..	..	1.14
N.38°00'W.	2.26	1.78	..	..	1.39
North	2.54	2.54	..	..	..
N.16°00'E.	1.31	1.26	..	0.36	..
N.46°30'E.	1.56	1.07	..	1.13	..
N.40°00'E.	1.92	1.47	..	1.23	..
N.80°30'E.	7.30	1.20	..	7.20	..
N.51°30'E.	2.33	1.45	..	1.82	..
S.10°34'E.	19.41	..	19.08	3.56	..
S.47°01'W.	11.62	..	7.92	..	8.50
	71.26	27.01	27.00	18.41	18.42

Error in lat. = 1 1k.
Error in dep. = 1 1k.
Error of closure = 1:5039

(signed) Ben A. Eddy
Forest Ranger.

July 20, 1917.

HOMESTEAD ENTRY SURVEY NO. 215 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, June 26, 1918

The foregoing field notes of Homestead Entry Survey No. 215, located in unsurveyed Township 36 South, Range 11 West, Willamette Meridian, State of Oregon, within the Siskiyou National Forest,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated February 24, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General.

(SEAL)

CHAINS		

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 161
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6
In Section 2, unsurveyed, Township 36 S., Range 12 W.

of the
Willamette Meridian.
State of
Oregon

Applicant for listing Marshall Fry

Residence Agness, Curry Co., Oregon.
not dated
Application No. 40, dated Red'd Oct. 19, 1907.

List No. 6-1215, dated March 17, 1914.

Applicant for survey Marshall Fry

Residence Agness, Oregon.

H. E. No. 09703, dated August 15, 1914.

Land Office: Roseburg, Oregon.

Survey executed by H. F. Mader, Surveyor-Draftsman.

Under special instructions dated February 24, 1915.

Survey commenced September 14, 1916.

Survey completed September 16, 1916.

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

ACCEPTED BY THE HON. COMMISSIONER G. L. O. November 12, 1917

CHAINS

OATH OF ASSISTANTS

I hereby certify that I assisted H. F. MADER, Surveyor-Draftsman, in surveying all those parts or portions of Homestead Entry Survey No. 161, 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

(signed) Ben A. Eddy Chainman

Subscribed and sworn to before me this 16th day of September, 1916.

(signed) H. F. Mader
Surveyor-Draftsman.

OATH OF SURVEYOR

I, H. F. MADER, Surveyor-Draftsman, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated February 24, 1915, 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. 6-1215, dated March 17, 1914, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 161, situated within the Siskiyou National Forest, in unsurveyed Section 2, Township 36 S., Range 12 W., 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.

(signed) H. F. Mader
Surveyor-Draftsman.

Subscribed and sworn to before me this 15th day of December, 1916.

(SEAL) (signed) Georgene L. Miller
Notary Public

HOMESTEAD ENTRY SURVEY NO. 161 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Entryman - Marshall Fry

H. E. No. 09703, dated Aug. 15, 1914.

Land Office: - Roseburg, Oregon.

Survey commenced September 14, 1916, and executed with a W. and L. E. Gurley light mountain transit No. 12933 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 lat. and decl. 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, August 8, 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:

September 14, 1916: At cor. No. 1 of this survey, hereinafter described, in lat. 42°30' N., long. 124°06' W. (Taken from Geological Survey Quadrangle and subsequently proved correct); I set off 42°30' N. on the lat. arc; 3°17' N. on the decl. arc, and at 3 p.m., l.m.t., determine a meridian with the solar and mark a point thereof on a peg firmly set in the ground, 5 chs. N. of the cor.

At 8 p.m., l.m.t., I observe Polaris at E. elong. and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of the cor.

Sept. 14, 1916.

September 15, 1916: At 7^h15^m a.m., l.m.t., I lay off the azimuth of Polaris, 1°33' to the west, and mark the meridian thus determined, by a tack in the peg set September 14, on which the meridian falls 0.3 ins. east of the mark determined by the solar.

At 8 a.m., l.m.t., I set off 42°30' N. on the lat. arc; 3°01' N. on the decl. arc; and mark a point in the meridian determined with the solar, by a tack in the peg already set in the ground, 5 chs. N. of my station; this mark falls 0.25 ins. east of the meridian established by the Polaris obsn.

The solar apparatus by p.m. and a.m. obsns. defines positions for the meridian, less than one minute of arc from the meridian established by the Polaris obsn.; therefore, I conclude that the adjustments of the instrument are satisfactory.

September 15, 1916: At the above mentioned cor., I set off 2°57' N. on the decl. arc, and at 11^h55^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°30' N., long. 124°06' W.

HOMESTEAD ENTRY SURVEY NO. 161 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

The magnetic bearing of the true meridian at this cor. at 8 a.m. is N. 20°36' W.; the angle thus determined gives the magnetic decl. 20°36' E. The mean mag. decl. is 20°33' E.

TIE LINE

September 15, 1916: Preliminary to the survey of this Homestead Entry, I make the following connection:

Commencing at cor. No. 1 of this survey, hereinafter described, I run by traverse

N63°07'E., 4.09
N 1°22'E.,10.93 to the standard ¼ sec. cor. on S. bdy. of sec. 35, T. 35 S., R. 12 W., which is a basalt stone, 14x12x10 ins. above ground, firmly set, in mound of stone, marked SC¼ on N. face; - from which -

A madrona, 4 ins. diam., bears N. 37°30' W., 16 lks. dist., marked ¼ S 35 S C B T

A madrona, 4 ins. diam., bears N. 66°15' E., 22 lks. dist., marked ¼ S 35 B T

The true bearing and length of this tie line is N. 17°00'41" E., 13.36 chs., as determined from calculation.

Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
N63°07'E.	4.09	1.85		3.65	
N 1°22'E.	10.93	10.93		.26	
Cal.course S17°00'41"W.	13.36		12.78		3.91
		12.78	12.78	3.91	3.91

$\frac{3.91}{12.78}$ = tan. of angle $\frac{12.78}{\cos.17°00'41''}$ = distance

log. 3.91	= 0.592177	log. 12.78	= 1.106531
log.12.78	= 1.106531	log.cos.17°00'41"	= 9.980570
log.tan.17°00'41"	= 9.485646	log. 13.36	= 1.125961

All listing cors. referred to herein are properly identified being marked and witnessed as described by the Forest Service in the listing survey.

September 15, 1916: I begin at cor. No. 1 of this survey, 2 ft. from cor. No. 1 of listing survey, which I destroy.

Mark a large basalt boulder outcrop, 2 ft. from listing cor., 20x20x24 ins. above ground, for cor. No. 1 of this survey, marked 1 HES 161 on side facing the claim; - from which -

A madrona, 16 ins. diam., bears N. 3°00' E., 26 lks. dist., marked X 1 HES 161 B T

A yellow pine, 24 ins. diam., bears S. 83°30' W., 85 lks. dist., marked X 1 HES 161 B T

Raise a mound of stone, 3 ft. base, 2 ft. high, 3½ ft. dist., within the claim.

Note: On account of rock surface, unable to set cor. in exact location, I therefore mark the basalt boulder outcrop for this cor.

HOMESTEAD ENTRY SURVEY NO. 161 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	From this cor., the ¼ sec. cor. on S. bdy. of sec. 35, T. 35 S., R. 12 W., bears N. 17°00'11" E., 13.36 chs. dist.
	Thence I run
	S. 8°00' E., on a random line, and at 27.40 chs. fall 16 lks. S. 82°00½' W., of cor. No. 4 of listing survey.
	(The true bearing and length of this line is S. 8°20' E., 27.40 chs.)
	Returning to cor. No. 1 of this survey, above described, I run
	S. 8° 20' E., on a true line.
	Descend on top of open ridge thru scattering pine and fir timber.
17.10	The S.E. cor. of fenced field bears West, 10.80 chs. Thence from S.E. cor. of field, N. 10°00' E., 3.00 chs. to N.E. cor. of fenced field.
27.40	Cor. No. 2, identical with cor. No. 4 of listing survey, which I destroy, and in its place
	Set a shale stone, 24x10x14 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 161 on side facing the claim; - from which -
	A yellow pine, 26 ins. diam., bears S. 2°30' E., 39 lks. dist., marked X 2 HES 161 B T
	A yellow pine, 16 ins. diam., bears N. 80°30' W., 65 lks. dist., marked X 2 HES 161 B T
	Raise a mound of stone, 3 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	This cor. lies on the open point of the ridge bearing N. and S. and is 225 ft. below cor. No. 1.
	Thence I run
	N. 79°00' W., on a random line, and at 25.19 chs., fall 40 lks. S. 11°00' W. of cor. No. 3 of listing survey.
	(The true bearing and length of this line is N. 78°05' W., 25.19 chs.)
	Returning to cor. No. 2 of this survey, above described, I run
	N. 78°05' W., on a true line
	Descend S.W. slope of ridge over open land, 25 ft.
5.20	Enter oak and fir timber and underbrush.
	Descend steep rocky slope, 75 ft.
10.20	Bottom of draw, course S. E. From this point the edge of draw bears N. 30°00' E., 2.50 chs., 70 ft. above bottom of draw.
	Ascend thru oak and fir timber and underbrush, 25 ft.
15.20	Top of small ridge bears N. and S. Descend thru oak, fir, and alder timber and underbrush, 25 ft.

HOMESTEAD ENTRY SURVEY NO. 161 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
17.15	Cross creek, 4 lks. wide, course South.
	Ascend gradual slope thru oak and fir timber and heavy fir reproduction and underbrush; 25 ft.
25.19	Cor. No. 3, identical with cor. No. 3 of listing survey, which I destroy and in its place
	Set a basalt stone, 28x12x6 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 161 on side facing the claim; - from which -
	A tan oak, 4 ins. diam., bears N. 16°00' W., 22 lks. dist., marked X 3 HES 161 B T
	A forked tan oak, 20 ins. diam., bears S. 54°45' E., 35 lks. dist., marked X 3 HES 161 B T
	Mound of stone impracticable.
	Thence I run
	North, on a random line, and at 19.90 chs. fall 77 lks. west of cor. No. 2 of listing survey.
	(The true bearing and length of this line is N. 2°13' E., 19.91 chs.)
	Returning to cor. No. 3 of this survey, above described, I run
	N. 2°13' E., on a true line.
	Ascend gradual S.W. slope, thru oak, fir and alder timber, and heavy fir reproduction and underbrush; at
10.40	Most westerly cor. of fenced field bears East, 1.00 chs., thence from this cor., S. 30°00' E., 6.00 chs.; thence easterly to S.E. cor. of fenced field.
12.30	N.W. cor. of fenced field bears East, 1.80 chs., thence southeasterly to NE. Cor. of fenced field.
15.00	Cross creek, 4 lks. wide, course S. 25°00' E.
15.50	Leave timber, enter open clearing. Ascend steep S.W. slope.
19.91	Cor. No. 4, identical with cor. No. 2 of listing survey, which I destroy and in its place
	Set a basalt stone, 24x12x8 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 161 on side facing the claim; - from which -
	A tan oak, 4 ins. diam., bears N. 39°45' E., 26 lks. dist., marked X 4 HES 161 B T
	A fir, 14 ins. diam., bears S. 75°15' W., 37 lks. dist., marked X 4 HES 161 B T
	Raise a mound of stone, 3 ft. base, 2 ft. high, 3½ ft. dist. within the claim.
	This cor. is 110 ft. above cor. No. 3.
	September 15, 1916.

HOMESTEAD ENTRY SURVEY NO. 161 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	September 16, 1916: From cor. No. 4 of this survey, above described, I run
	N. 82°00' E., on a random line, and at 20.02 chs., fall 81½ lks. N. 8°00' W. of cor. No. 1 of this survey.
	(The true bearing and length of this line is N. 64°20' E., 20.04 chs.)
	Returning to cor. No. 4 of this survey, above described, I run
	N. 84°20' E., on a true line
	Ascend gradually along S.W. slope thru clearing.
3.94	Leave clearing, enter oak, fir and alder timber and underbrush.
6.74	Cross spring branch, 2 lks. wide, course S. 45°00' W.
16.74	Leave timber, enter clearing.
20.04	Cor. No. 1, place of beginning.
	September 16, 1916: At this cor., I set off 2°34' N. on the decl. arc, and at 11^h55^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°30' N.
	September 16, 1916.

AREA

Total area of H.E.S. No. 161 ---------- 52.15 acres.

IMPROVEMENTS

A frame house, 24x16 ft., longsides E. and W., S.E. cor. of which bears N. 49°43' W., 16.35 chs. dist. from cor. No. 2,	Value - $150.00
A shake smoke house, 6x10 ft., longsides E. and W., S.E. cor. of which bears N. 50°30' W., 15.65 chs. dist. from cor. No. 2,	Value - 25.00
About 5½ acres, cleared and under fence, 2½ acres of which is cultivated,	Value - 250.00
Total Value	- $425.00

GENERAL DESCRIPTION

This claim lies on a high bench, elevation 1575 ft. (by aneroid barometer), on the south slope of Seven Mile Peak. The general slope is southwesterly and broken. The slope on the west half is practically uniform while on the east it is broken and quite steep, About 25% of this claim, the southwest quarter, contains first rate soil, capable of producing all varieties of garden truck, grain and forage crops. About 50% of the balance is second class on which grain and forage crops can be produced. The balance, which is open and of shallow soil, is good pasture land. Irrigation is necessary to insure crops and the creek that passes thru the west end of this claim can be utilized to irrigate about one-half of the claim. Pigs, sheep and cattle constitute the principal effort of this district, with the raising of forage crops for winter feeding. Garden truck is also grown for home consumption only. This district is characterized by wet winters, with occasional snows; and by dry, cool summers, with one or two short spells of intense heat.

HOMESTEAD ENTRY SURVEY NO. 161 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

The character of the land is non-mineral.

The nearest post office is Agness-Oregon, northeasterly about 7 miles by trail. Gold Beach, the county seat of Curry County, at the mouth of the Rogue River, 32 miles west of Agness, is reached by trail and boat down the Rogue River.

LOCATION

This homestead is located in approximate sec. 2, T. 36 S., R. 12 W., W. M., Oregon, unsurveyed.

REPORT

The survey of this homestead embraces an area wholly confined within the listed and entered description.

The disagreements between these field notes and the listed and entered descriptions regarding the bearings and distances are due to errors in the latter.

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.

BOUNDARIES OF H.E.S. NO. 161

True Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
N 2°13' E	19.91	19.90		.77	
N84°20' E	20.04	1.98		19.94	
S 8°20' E	27.40		27.11	3.97	
N78°05' W	25.19	5.20			24.65
	92.54	27.08	27.11	24.68	24.65

Error in lat. = 3 lks.
Error in dep. = 3 lks.
Error of closure = 1:2181

(signed) H. F. Mader
Surveyor-Draftsman

September 16, 1916.

HOMESTEAD ENTRY SURVEY NO. 161 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, Jan. 13, 1917.

The foregoing field notes of Homestead Entry Survey No. 161, within the Siskiyou National Forest, situated in sec. 2, unsurveyed, Tp. 36 S., R. 12 W., Willamette Meridian, Oregon,

executed by H. F. MADER, Surveyor-Draftsman, under his special instructions, dated February 24, 1915, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General

(SEAL)

CHAINS			

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 214.
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6.
In approximate
Section 2, unsurveyed, Township 36 S, Range 12 W.

of the
Willamette Meridian.
State of
Oregon.

Applicant for listing Frank Thornton,

Residence Agness, Oregon.

Application No. 241, dated October 19, 1911.

List No. 6-708, dated March 4, 1912.

Amended 6-708, dated May 24, 1918

Applicant for survey Frank Thornton,

Residence Agness, Oregon.

H. E. No. 010503, dated December 13, 1915.

H. E. No. dated

Land Office: Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger,

Under special instructions dated February 24, 1917.

Survey commenced July 12, 1917.

Survey completed July 15, 1917.

Under Acts of June 11, 1906 and March 4, 1917.

ACCEPTED BY THE HON. COMMISSIONER G.L.O. March 28, 1919

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 214, 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.

Chainman - (signed) Mr.Eugene R.Fry

Axeman - (signed) Marshal Fry

Subscribed and sworn to before me this 15 day of July, 1917.

(signed) Ben A. Eddy
Forest Ranger

OATH OF SURVEYOR

I, Ben A. Eddy, Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated February 24, 1917, 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. 6-708, dated March 4, 1912, and Amended List, No. 6-708, dated May 24, 1918, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 214, situated within the Siskiyou National Forest, in approx. unsurveyed Section 2, Township 36 S., Range 12 W., 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.

(signed) Ben A. Eddy
Forest Ranger

Subscribed and sworn to before me this fourth day of April, 1918.

(SEAL) (signed) Georgene L. Miller
Notary Public.

My commission expires March 8, 1921.

HOMESTEAD ENTRY SURVEY NO. 214 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

Entryman: Frank Thornton.

H.E. No. 010503, dated December 13, 1915.

Land Office: Roseburg, Oregon.

Survey commenced July 12, 1917, and executed with a W. and L. E. Gurley light mountain transit No. 12985 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 11, 1917.

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:

July 12, 1917: At point for cor. No. 1 of this survey, latitude 42°29' N., hereinafter determined, longitude 124°04' W., as derived from an accurate map.

At 8^h53^m p.m., l.m.t., I observe Polaris and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. north of my station.

L.m.t. of upper culmination, July 13, 1917,	$6^h07.0^m$ a.m.
L.m.t. of obsn., July 12, 1917,	$8^h53.0^m$ p.m.
Hour angle	9^h14^m
Azimuth of Polaris,	1°00.2' E.

July 12, 1917.

July 13, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Pol. 1°00' to the west, and mark the mer. thus determined, by a tack in a peg firmly set in the ground, 5 chs. north of my station.

At 9^h00^m a.m., l.m.t., I set off 42°29' N. on the latitude arc, 21°52' 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 the cor.; this mark falls 0.20 ins. east of the mer. established by the Polaris obsn.

July 13, 1917: At the above mentioned cor., I set off 21°51' N. on the decl. arc, and at 12^h05^m l.m.t., obs. the sun on the mer.; the resulting lat. is 42°29' N.

At 2^h00^m p.m., l.m.t., I set off 42°29' N. on the lat. arc, 21° 50' 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 the cor.; this mark falls 0.30 ins. east of the mer. established by the Pol. obsn.

HOMESTEAD ENTRY SURVEY NO. 214 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

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

The magnetic bearing of the true meridian at this cor. at 8^h00^m a.m. is N. 22°00' W.; the angle thus determined gives the mag. decl. 22°00' E. The mean mag. decl. is 21°54' E.

TIE LINE.

July 13, 1917: Preliminary to the survey of this homestead entry, I make the following connection:

Commencing at point for cor. No. 1 of this survey, thence by traverse

N. 2°00'E., 1.32 chs.

N.32°30'E., 3.94 chs.

N.32°00'E., 0.77 chs.

N.21°00'W., 2.53 chs.

N. 7°00'W., 7.95 chs.

N. 4°00'W., 1.32 chs.

N.47°02'E., 4.99 chs. to the standard cor. of secs. 35 and 36, T. 35 S., R. 12 W., Willamette Meridian, on the 8th Standard Parallel South, which is a madrona post 4 x 4 x 12 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

The true bearing and length of this line is N. 11°52' E., 20.70 chs., as determined by calculation.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N. 2°00'E.	1.32	1.32	..	0.05	..
N.32°30'E.	3.94	3.32	..	2.12	..
N.32°00'E.	0.77	0.65	..	0.41	..
N.21°00'W.	2.53	2.36	..	..	0.91
N. 7°00'W.	7.95	7.89	..	..	0.97
N. 4°00'W.	1.32	1.32	..	..	0.09
N.47°02'E.	4.99	3.40	..	3.65	..
		20.26		6.23	1.97
Calculated course S.11°52'W.	20.70		20.26		4.26
		20.26	20.26	6.23	6.23

$\frac{4.26}{20.26}$ = tan. angle. $\frac{20.26}{\cos.11°52'}$ = distance

---

H.E.S. No. 214.

July 13, 1917: Beginning at point for cor. No. 1 of this survey, identical with point for cor. No. 1 of Amended List No. 6-708, I establish

Cor. No. 1 of this survey as follows:

HOMESTEAD ENTRY SURVEY NO. 214 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Set a conglomerate stone, 30 x 12 x 8 ins., 20 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, marked 1 HES 214 on side facing the claim; - from which -
	A tan oak, 12 ins. dia., bears N. 43°15' W., 63 lks. dist., marked X 1 HES 214 B T.
	A tan oak, 6 ins. dia., bears N. 55°45' E., 37 lks. dist., marked X 1 HES 214 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	The standard cor. of secs. 35 and 36, on the 8th Standard Parallel South, heretofore described, bears N. 11°52' E., 20.70 chs. dist.
	Cor. No. 3 of List 6-708 bears S. 22°45' W., 6.35 chs. dist., I destroy the listing cor.
	Thence
	S. 0°04' E., on a true line,
	Over rolling ground, through scattering timber and underbrush.
1.25	Creek, 5 lks. wide, course southeast.
12.16 -	Intersect cor. No. 2 of List 6-708, which I now destroy.
21.16	Intersect Forest Service Monument and cor. No. 1 of List 6-708, which I now destroy.
24.00	To point for cor. No. 2 of Amended List No. 6-708, which I establish as
	Cor. No. 2 of this survey as follows:
	Set a diorite stone, 24 x 10 x 4 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 214 on side facing the claim; - from which -
	A pine, 14 ins. dia., bears N. 67°15' E., 28 lks. dist., marked X 2 HES 214 B T.
	A tan oak, 5 ins. dia., bears S. 73°00' W., 15 lks. dist., marked X 2 HES 214 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	June 13, 1917.

	June 14, 1917: From cor. No. 2 of this survey, heretofore described,
	West, on a true line,
	Over rolling ground, through scattering timber and underbrush.
9.70	Intersect cor. No. 6 of List 6-708, which I now destroy.
20.00	To point for cor. No. 3 of Amended List 6-708, which I establish as
	Cor. No. 3 of this survey as follows:

HOMESTEAD ENTRY SURVEY NO. 214 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS	
	Set a quartzite stone, 26 x 12 x 5 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 214 on side facing the claim; - from which -
	A fir, 32 ins. dia., bears N. 19°45' W., 57 lks. dist., marked X 3 HES 214 B T.
	A pine, 10 ins. dia., bears S. 34°45' W., 62 lks. dist., marked X 3 HES 214 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Cor. No. 2 of approved H.E.S. No. 161, which is a shale stone, 10 x 14 x 10 ins. above ground, firmly set, marked and witnessed as described in the field notes of H.E.S. No. 161, bears N. 75°27' W., 18.47 chs. dist. (direct tie).
	July 14, 1917: At the above mentioned cor., I set off 21°42' N. on the decl. arc, and at 12^h06^m l.m.t., obs. the sun on the mer.; the resulting lat. is 42°29' N.

	Thence
	North on a true line,
	Over rolling ground, through scattering timber and underbrush.
24.00	To point for cor. No. 4 of Amended List 6-708, which I establish as
	Cor. No. 4 of this survey as follows:
	Set a conglomerate stone, 28 x 6 x 6 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 214 on side facing the claim; - from which -
	A madrona, 4 ins. dia., bears S. 81°45' E., 19 lks. dist., marked X 4 HES 214 B T.
	A madrona, 5 ins. dia., bears S. 4°30' E., 23 lks. dist., marked X 4 HES 214 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Cor. No. 5 of List 6-708 bears S. 40°15' E., 5.35 chs. I destroy the listing cor.
	Cor. No. 4 of List 6-708 could not be found. July 14, 1917.

	July 15, 1917: From cor. No. 4 of this survey, heretofore described,
	East on a true line,
	Over level ground, through scattering timber and underbrush.
3.20	Trail bears northwest and southeast.
17.20	Creek, 5 lks. wide, course southeast.
19.98	To cor. No. 1, the place of beginning.

HOMESTEAD ENTRY SURVEY NO. 214 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

AREA.

Total area of H.E.S. No. 214, 47.99 acres

IMPROVEMENTS

	Value
Log cabin, 16 x 20 ft., longsides north and south, the southwest cor. of which bears N. 31°45' W., 22.30 chs. dist. from cor. No. 2,	$100.00
Two acres cultivated land,	200.00
Total value of improvements,	$300.00

GENERAL DESCRIPTION.

The area within the boundaries of this homestead is rolling bench land, about 1/4 mile north of Lawson Creek. A scattering growth of timber covers the entire area. The soil is second rate, capable of raising hay and garden truck.

The character of the land is non-mineral.

Agness post office is about 6 miles to the north, and the nearest railroad point is West Fork, about 50 miles to the northeast, on the Southern Pacific Railway.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts.

Approved H.E.S. No. 161 lies about 20 chs. to the west.

LOCATION.

This homestead is located in approximate unsurveyed Sec. 2, T. 36 S., R. 12 W., Willamette Meridian, Oregon.

REPORT.

The survey of this homestead embraces all land in the original list and as amended May 24, 1918.

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.

BOUNDARIES OF H.E.S. No. 214.

		Latitudes		Departures	
Bearing	Distance	North	South	East	West
S. 0°04'E.	24.00	..	24.00	0.03	..
West	20.00	..	..	..	20.00
North	24.00	24.00	..	..	..
East	19.98	..	..	19.98	..
	87.98	24.00	24.00	20.01	20.00

Error in lat. = 0 lks.
Error in dep. = 1 lk.
Error of closure = 1:8798

July 15, 1917. (signed) Ben A. Eddy
Forest Ranger

HOMESTEAD ENTRY SURVEY NO. 214 SISKIYOU NATIONAL FOREST STATE OF OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, June 29, 1918

The foregoing field notes of Homestead Entry Survey No. 214, located in approximate Sec. 2, unsurveyed, Township 36 South, Range 12 West, Willamette Meridian, State of Oregon, within the Siskiyou National Forest,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated February 24, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL)

(signed) Edward G. Worth
U. S. Surveyor General.

D. C. WAY, PRINTERS PORTLAND, ORE. 85234

CHAINS

Homestead Entry Survey No. 172
Siskiyou National Forest
Surveyed by H.F. Mader, Surveyor-Draftsman
Under Special Instructions dated Nov. 13,1915
and May 8,1916.
(Surveyed September 10-October 7,1916

Entryman- Andrew J. Fry
H.E. No. 09110, dated October 17,1913
Land Office:- Roseburg, Oregon

RETRACEMENTS AND RESURVEYS

September 20,1916: Preliminary to the survey of this Homestead Entry, I make the following retracements, and resurveys:
Commencing at the cor. of Tps. 35 and 36S., Rs. 13 and 14W. which isadecayed post, showing traces of old marks and witnessed as described by the Surveyor General,
I destroy all traces of old post and in its place set a basalt stone 18x6x6 ins., 12 ins in the ground, mkd. with six notches on the N.,E.,S., and W edges.
The witness trees as described by the Surveyor General are badly deteriorated and down; therfore I replace these by:
A hemlock, 10 ins. dia. bears N.39°00'E., 24 lks. dist. mkd. T35S R13W S31 BT. (New)

A hemlock, 10 ins diam., bears S.88°45'E., 41 lks., dist., mkd. T36S R13W S6 BT. (New)
A tan oak, 8 ins diam. bears S.75°45'W., 32 lks. dist. mkd. T36S R14W S1 BT. (New)
A white fir, 22 ins. diam. bears N.53°00'W., 132 lks.dist., mkd., T35S R14W BT. (New)
Thence I run
East on the 8th St. Par., on line bet. secs. 31 and 6.
40.00 I make diligent search for the ¼ sec Cor. bet secs. 31&6. No evidence of the old cor. being found, I set a temporary stake.
80.00 I make diligent search for cor. of secs 31,32,5 and 6. No evidences of the old cor. being found, I set a temporary stake. September 20,1916.

September 21,1916: From the temporary stake set for cor. Of secs. 31,32,5 and 6, I continue my retracement E. with same count, bet. secs. 32 and 5.
120.00 I make diligent search for ¼sec. cor. bet. secs. 32 and 5 No evidence of old cor. being found, I set temporary stake.
160.00 I make diligent search for cor. of secs. 32,33,4 and 5. No evidence of the old cor. being found, I set temporary stake.
September 21,1916

September 22,1916: From the temporary stake set for cor. of secs.32,33,4 and 5, I continue my retracement E. with same count, bet. secs. 33 and 4.
200.00 I make diligent search for ¼sec. cor bet. secs. 33 and 4. No evidence of the old cor. being found, I set a temporary stake.
239.40 Fall 36 lks. S. of cor. of secs. 33,34,3 and 4, Tps. 35 and 36S., R13W., which I find to be a basalt stone 12x10x6 ins. above ground, firmly set, mkd. with 3 notches on the E. and W. edges; From which:
An oak 24 ins. diam. bears N.69°00'E., 26 lks, dist., properly mkd. (original)
An oak 20 ins. diam., bears S.37°00'E., 44 lks. dist., properly mkd. (original)

C. C. WAY, PRINTERS, PORTLAND, ORE. 85238

CHAINS A cedar 20 ins diam., bears S.55°00'W., 44 lks. dist. properly marked. (original)
Unable to find BT. described as being in sec. 33, so replace it with a tan oak 12 ins. diam. bears N.89°15'W., 53 lks. dist., mkd. T.35S, R13W., S33 BT. (New)
(The true bearing and length of this line is N.89°55'E., 239.40 chs.) --- September 22, 1916.

September 23,1916: From cor. of the Tps. 35 and 36 S., Rs. 13 and 14 W., Willamette Meridian, heretofore described, I run N.89°55'E., on a true line bet. secs. 31 and 6.

39.90 (Proportional measurements) Set a shale stone 24x10x10 ins. 18 ins. in the ground for the ¼ sec. cor. bet. secs. 31 and 6; mkd. SC.¼onNface; from which:
A myrtle 6 ins. diam. bears N.66°00'W., 35 lks. dist. mkd. SC ¼S 31 BT.
A fir 10 ins. diam. bears S.41°15'E., 55 LKS. DIST., mkd. SC ¼ S 6 BT.

59.85 (Proportional measurments) Set temporary stake for the 1/16 sec. cor. on line bet. secs. 31 and 6.

79.80 (proportional measurements) Set a shale stone 30x10x6 ins. 23 ins. in the ground for cor. of secs. 31, 32, 5 and 6, mkd. SC on the north face, with 1 notch on W. and 5 notches on E.edge; from which:
A tan oak 18 ins. dia. bears N20°15'E., 162 lks. dist., mkd. T 35S R13W S32 BT.
A fir 20 ins diam. bears S.39°45'E., 143 lks. dist., mkd. T36S R13W S5 BT.
A tan oak 12 ins. dia. bears s.27°15'W., 141 lks dist., mkd. T 36S R13W S6 BT.
A fir 5 ins. dia. bears N.55°30'W 40 lks dist. mkd., T 35S R13W S31 BT. September 23, 1916.

September 25, 1916: From cor. of secs. 31,32,5 and 6, above described, I run
S.0°09'E (recorded bearing) retracing line bet. secs. 5 and 6,

33.90 Fall 20 lks, E of ¼ sec. cor., which is a slate stone 6x10x6 ins. above ground, firmly set, mkd. as described by the Surveyor General; From which :
A fir 36 ins, dia. bears N.15°00'W., 59 lks. dist., properly marked. (original)
A tan oak 4 ins. dia. bears N.89°00'E. 23 lks. dist., mkd. ¼S5 BT (New)
(The true bearing and length of this line is S.0°11'W., 33.90 chs.) September 25, 1916.

September 26, 1916: From this ¼ sec, cor. I run N.0°11'E. along the line bet. secs. 5 and 6.

18.17 (Proportional measurement) Set a temporary stake for 1/16 sec. cor bet. secs. 5 and 6, and for cor, No. 2 of this survey.

33.90 Cor. of secs. 31,32 5 and 6, heretofore described.
September 26,1916.

September 27,1916: Commencing at cor. common to Ts. 35 and 36 S., Rs. 13 amd 14 W., heretofore described I run South (recorded bearing) retracing line bet. secs. 1 and 6.

40.00 Make diligent search for ¼ sec. cor. bet. secs. 1 and 6. No evidence of the old cor. being found, I set a temporary stake for the ¼ sec. cor.

73.88 Fall 32 lks. W. of true point for cor. of secs. 1,6,7, and 12, as evidenced by bearing trees. I reestablish the cor. in its original position as follows:
Set a baslat stone 24x10x6 ins., 18 ins. in the ground, mkd. with 1 notch on the N. and 5 notches on the S. edge; from which:

CHAINS

A chinquapin 36 ins. dia. bears N.43°00'E., 514 lks.dist., properly marked (original)
A small boulder bears S.58°30'E., 163 lks. dist., properly mkd. (original)
a fir 5 ins. dia. bears. S.70°30'W., 182 lks. dist., mkd. T.36S R.14W S12 BT. (New)
No other bearing trees within limits. Mound and pits impracticable.
(The true bearing and length of this line is S.0°15'E., 73.88 chs..) September 27,1916.

September 28,1916: From this cor. above described I run N.0°15'W. on a true line along the range line.
36.94 Proportional measurments) Set a basalt stone 24x10x6 ins. 18 ins. in the ground for ¼ sec. cor bet. secs. 1 and 6, mkd. ¼ on the W. face.: from which:
A maple 4 ins. diam bears N65°30'E., 131 lks. dist., mkd. ¼ S. 6 BT.
A tan oak 12 ins dia. bears N.72°30'W., 34 lks. dist. mkd. ¼ S., 1 BT.
Thence I continue N0°15'W. on a true line, with same count.
73.88 Interect the cor. of Ts. 35 and 36 S., Rs. 13 and 14 W., heretofore described. September 28,1916.

September 29,1916; Commencing at the ¼ sec. cor. bet. secs. 5 and 6, T.36S., R. 13 W., heretofore described, I run W. on a random line through center of Sec. 6.
79.80 Fall 2.97 chs. N. of the ¼ sec. cor. bet. secs. 1 and 6, heretofore described.
(The true bearing and length of the latitudinal ¼ Sec. line is S.87°52'W., 79.85 chs.) September 29,1916.

September 30,1916: Commencing at the ¼ sec cor. bet. secs. 31 and 6, heretofore described, I run South on a random line through the center of sec. 6.
73.86 Fall 15 lks. W. of the ¼ sec. cor. bet. secs. 6 and 7, which is a shale stone 6x8x6 ins. above ground, in a mound of stone, firmly set, mkd. and witnessed as described by the Surveyor General.
(The true bearing and length of the longitudinal ¼ sec. line is S.0°07'E., 73.86 chs.) September 30,1916.

October 2,1916: Thence from this cor. above described, I run N.0°07'W., along longitudinal ¼ sec. line.
38.56 Interesect the laititudinal ¼ sec. line S.87°52'W., 39.72 chs. dist. from ¼ sec cor. bet. secs. 5 and 6; N.87°52'E. 39.93 chs. dist. from ¼ sec. cor. bet. secs. 1 and 6.
At point of intersection, set a temporary stake for center of se. 6 and cor no. 18. of this survey.
Thence I continue along longitudinal ¼ sec. line.
56.82 (Proportional measurment) Set a temporary stake for 1/16 sec. cor.
73.86 Intersect the ¼ sec. cor bet. secs. 31 and 6 heretofore described. October 2,1916.

October 3 1916: From the temporary stake set for center of sec. 6, I run
N.87°52'E. along the latitudinal ¼ sec. line.
9.93 (Proportional measurement) Mark a fir tree in place for temporary 1/64 sec. cor. and cor. No. 17 of this survey.
19.86 (Proportional measurment) Set a temporary stake for 1/16 sec. cor.
39.72 Interesect the ¼ sec. cor bet. secs. 5 and 6 heretofore described. October 3,1916.

CHAINS October 4,1916: Commencing at the temporary stake set for 1/16 sec. cor. on line bet. secs. 5 and 6, heretofore described, I run West on a random line through center of the NE. ¼ Sec. 6.

39.79 Fall 1.39 chs. N. of the temporary stake set for 1/16 sec. cor. on the longitudinal ¼ sec. line.
(The true bearing and length of this line is S.88°00'W., 39.81 chs.)
Commencing at the temporary stake set for the 1/16 sec. cor. on the latitudinal ¼ sec line, heretofore described, I run N. on a random line through center of the NE ¼ of sec. 6.

34.58 Fall 1 lk. W. of temporary stake set for the 1/16 sec. cor. on sec. line bet. secs. 31 and 6.
(The true bearing and length of this line is N.0°01'E., 34.58 chs.)
From this 1/16 sec. cor. I run S.0°01'W. along the longitudinal 1/16 sec. line.

16.36 Interesect the latitudinal 1/16 sec. line. S.88°00'W., 19.89 chs. dist. from the temporary stake set for 1/16 sec. cor. on sec. line bet. secs. 5 and 6 and N.88°00'E. 19.92 chs. dist. from the temporary stake set for 1/16 sec. cor. on the longitudinal ¼ sec. line.
At the point of intersection set a temporary stake for center of the NE. ¼ of sec. 6 and cor. No. 3 of this survey.
Thence I continue along longitudinal 1/16 sec. line with same count.

30.02 (Proportional measurment) Set a temporary stake for 1/256 sec. cor. and center of road exemption.

34.58 Intersect temporary stake set for 1/16 sec. cor. on the latitudinal ¼ sec. line. October 4,1916.

H.E.S. No. 172 Tract A

October 5 1916: I begin at cor. No. 1 of the Homestead Entry Survey, identical with the cor. of sec. 31,32,5 and 6 which is shale stone, heretofore described. I mark the stone with a cross on top for the chaining point and alongside of cor.
Set a shale stone 24x10x8 ins. 14 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, mkd. 1 HES 172 on side facing the claim, from which
A fir 4 ins. dia. bears N.47°15'W., 30 lks. dist. mkd. X 1 HES 172 BT.
A tan oak 12 ins. dia. bears S.27°30'W., 144 lks dist., mkd. X 1 HES 172 BT.
Raise a mound of stone 3 ft base 2 ft. high, 3½ ft. dist. within the claim.
Thence I run S.0°11'W. ON a true line along line bet. secs. 5 and 6. Ascend steep N.slope 360 ft. through heavy growth of alder, young fir and oak timber and very dense oak, greasewood huckleberry and laurel brush.

15.73 Intersect the temporary stake set for the 1/16 sec. cor. on the sec. line bet. secs. 5 and 6, which I destroy and in its place Mark a basalt boulder in place, 30x30x15 ins. above ground, with a cross for C.C. and for cor. No.2 of this survey marked CC on the W. face and 2 HES 172 on side facing claim.
No bearing trees within limits. Pits impracticable; therefore raise a mound of stone 4 ft base, 2 ft. high, 3½ ft. dist. on line W. of the cor.

Thence I run S88°00'W. along the latitudinal 1/16 sec. line. Ascend gradual NE. slope over rough rocky land, through dense growth of oak, laurel, greasewood and huckleberry brush.

13.56 Top of spur bears northwesterly and southeasterly, 110 ft. above cor. No. 2 .
Descend steep southwesterly slope 220 ft. through dense growth of young fir and oak timber and dense undergrowth.

19.89 Intersect the temporary stake set for the center of the NE.¼ of sec. 6, and cor. No. 3 of this survey, which I destroy and in its place

D. C. WAY, PRINTERS PORTLAND, ORE. 8623A

CHAINS Set a shale stone 24x12x8 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 3 of this survey, mkd. 3 HES 172 on side facing the claim from which:

A tan oak 8 ins. dia. bears S.15°30'W., 23 lks. dist. mkd. X 3 HES 172 BT.
A tan oak 8 ins dia. bears N.34°45'E., 30 lks. dist., mkd. X 3 HES 172 BT.
Raise a mound of stone 3 ft. base, 2 ft, high, 3½ ft dist. within the claim.

Thence I run S.0°01'W. along the longitudinal 1/16 sec. line. Descend gradual southwesterly slope, 90 ft. through dense growth of oak, alder, young fir and cedar timber and dense undergrowth.

10.00 Foot of slope, very slight ascent along northwesterly slope through alder, oak, young fir and cedar timber and undergrowth.

13.12 Cor. No. 4 on E. side of road exemption.
Set a basalt stone, 24x14x2 ins. 14 ins. in the ground over stone mkd. with a cross for cor. No. 4 of this survey mkd. 4 HES 172 on side facing the claim from which:
A fir 14 ins. dia. bears. N.11°45'E., 24 lks. dist., mkd. X 4 HES 172 BT.
A fir 14 ins. dia. bears N.72°15'E., 11 lks. dist. mkd. X 4 HES 172 BT.
Mound of stone impracticable.
From this cor. the temporary stake set for the 1/256 sec. cor. and center of road exemption bears S.0°01'W. 0.54 chs. dist. October 5, 1916.

October 6,1916: Thence I run N.24°48'W. on a true line along E. side of road exemption.
Gradual descent along northwesterly slope, through alder, oak, young fir and cedar timber and undergrowth.

4.45 Cor. No. 5
Set a shale stone, 24x10x8 ins. 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 5 of this survey, mkd. 5 HES 172 on side facing the claim: from which:

A tan oak 8 ins. dia., bears N.27°30'W., 68 lks. dist., mkd. X 5 HES 172 BT.
A yellow fir 20 ins. dia., bears N.46°30'E., 68 lks. dist. mkd. X 5 HES 172 BT.
Mound of stone impracicable.

Thence I run N.36°00'W on a true line, along E. side of road exemption, Gradual descent along northwesterly slope through alder, oak, cedar and young fir timber and undergrowth.

2.57 Cor. No. 6
Set a shale stone, 24x6x6 ins. 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 6 of this survey, mkd. 6 HES 172 on side facing the claim; from which:
A white fir 14 ins. diam., bears N.15°15'W., 5 lks. dist. mkd. X 6 HES 172 BT.
A white fir 14 ins. diam. bears S.48°45'E., 26 lks. dist., mkd. X 6 HES 172 BT.
Mound of stone impracticable.

Thence I run N.23°03'W on a true line along E.side of road exemption. Gradual descent along northwesterly slope through alder, oak, young fir and cedar timber and undergrowth.

17.44 Cor. No 7.
Set a shale stone 24x10x12 ins. 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 7 of this survey, mkd. 7 HES 172 on side facing the claim; from which:

A cedar 5 ins. diam., bears N.53°45'E., 28 lks. dist., mkd. X 7 HES 172 BT.

D. H. WAY PRINTER PORTLAND, ORE. 1-8-2-XA

CHAINS A cedar 4 ins. dia., bears N.15°45'E., 42 lks. dist., mkd. X 7 HES 172 BT.
Mound of stone Impracticable.

Thence I run N.5°00'W. on a true line along E. side of road exemption. Gradual descent along northwesterly slope through alder, oak, young fir and cedar timber.
3.62 Cor. No. 8
Set a shale stone, 24x12x6 ins. 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 8 of this survey, mkd, 8 HES 172 on side facing the claim; from which:

A white fir 12 ins. diam., bears N31°00'W., 49 lks. dist. mkd. X 8 HES 172 BT.
A cedar 5 ins. diam. bears N.88°45'E., 49 lks. dist., mkd. X 8 HES 172 BT.
Mound of stone Impracticable.

Thence I run N.33°30'W., on a true line along E. side of road exemption. Gradual descent along northwesterly slope through alder, oak, young fir and cedar timber and undergrowth.
4.33 Intersect line bet. secs. 6 & 31, S. 89°55'W. 32.80 chs. dist. from cor. of secs. 31,32,5, & 6 & N. 89°55' E., 7.10 chs. dist. from (from ¼ sec. cor. bet. secs. 6 and 31.)
At point of intersection.
Set a shale stone, 24x12x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for C.C. and cor. No 9 of this survey, mkd. CC on SE. face and 9 HES 172 on side facing the claim; from which:

A white fir, 8 ins. diam., bears N.85°45'E., 40 lks. dist., mkd. X 9 HES 172 BT.
A white fir, 5 ins. diam. bears N.5°30'W., 32 lks. dist., mkd X 9 HES 172 BT.
Mound of stone impracticable.
Cor. No. 9 is 345 ft. lower than cor. No. 4.

Thence I run N.89°55'E. on a true line, along line bet. secs. 31 and 6. (Eighth Standard Parallel South)
Ascend steep broken western slope, through dense growth of alder, oak, young fir and cedar and dense high oak, laurel, huckleberry, and greasewood brush.
13.58 Top of spur. bears NW, and SE., 300 ft. above cor. NO. 9 .
Descend broken northeasterly slope, 120 ft. through oak, alder and scattering fir timber and dense high undergrowth.
32.80 Cor. No 1 and place of beginning. October 6,1916.

Tract B

October 6,1916: Commencing at cor, No 10 of this survey on sec. line bet. secs. 31 and 6 and W. side of road exemption.
Set a shale stone, 24x12x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for C.C. and cor. No. 10 of this survey, mkd. C.C. on SE. face and 10 HES 172 on side facing the claim; From which:

A fir, 8 ins. diam. bears N.39°30'W. 23 lks. dist., Mkd. X 10 HES 172 BT.
A fir, 10 ins. diam. bears., S.39°45'W., 42 lks. dist., mkd. X 10 HES 172 BT.
Mound of stone impracticable.
Cor. No. 9 of tract A of this survey, heretofore described, bears N.89°55'E., 0.54 chs. dist.
Thence I run S.33°30'E on a true line along W. side of road exemption. Gradual ascent along northwesterly slope, through alder, oak, young fir and cedar timber and undergrowth.

U. C. WAX PRINTERS PORTLAND, ORE. 88228

CHAINS

4.51 Cor. No. 11.
Set a shale stone, 24x10x8 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 11 of this survey, mkd. 11 HES 172 on side facing the claim; from which:

A white fir 10 ins. diam. bears. S.28°30'W., 38 lks., dist., mkd. X 11 HES 172 BT.
A white fir 8 ins. diam., bears N.76°00'W., 29 lks. dist. mkd. X 11 HES 172 BT.
Mound of stone impracticable.

Thence I run S.5°00'E. on a true line along the W. side of road exemption. Gradual ascent along northwesterly slope, through alder, oak, young fir and cedar timber.

3.58 Cor No. 12.
Set a shale stone, 24x10x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 12 of this survey, mkd. 12 HES 172 on side facing the claim; from which:

A white fir, 8 ins. diam., bears S74°30'W., 46 lks. dist., mkd. X 12 HES 172 BT.
A cedar 5 ins. diam. bears S.11°45'W., 35 lks. dist. mkd. X 12 HES 172 BT.
Mound of stone impracticable.

Thence I run S.23°03'E. on a true line along the W. side of road exemption. Gradual ascent along northwesterly slope, through alder, oak, young fir and cedar timber and undergrowth.

17.58 Cor. No. 13.
Set a shale stone, 24x8x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 13 of this survey, mkd. 13 HES 172 on side facing the claim; from which:

A white fir 14 ins. diam. bears S.10°45'W. 37 lks. dist. mkd. X 13 HES 172 BT.
A white fir 12 ins diam. bears S.74°15'W., 46 lks. dist. mkd. X 13 HES 172 BT.
Mound of stone impracticable.

Thence I run S.36°00'E., on a true line along W side of road exemption. Gradual ascent along noethwesterly slope, through alder, oak, cedar and young fir timber and undergrowth.

2.59 Cor. No. 14.
Set a shale stone , 24x10x8 ins 14 ins in the ground, over a stone mkd. with a cross for the cor. No. 14 of this survey, mkd. 14 HES 172 on side facing the claim; from which;

A cedar 6 ins. diam bears S.3°15'E. 39 lks,, dist, mkd. X 14 HES 172 BT.
A cedar 5 ins. diam. bears N87°15'W., 20 lks. dist., mkd X 14 HES 172 BT.
Mound of stone impracticable.

Thence I run S.24°48'E on a true line along W side of road exemption. Gradual ascent along northwesterly slope, through alder, oak, young fir and cedar timber, and undergrowth.

4.80 Cor. No. 15.
Set a shale stone, 24x10x8 ins. 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 15 of this survey, mkd. 15 HES 172 on side facing the claim; From which :

A fir 14 ins. diam. bears N.41°00'W., 48 lks. dist., mkd. X 15 HES 172 BT.
A cedar, 10 ins. diam. bears S.89°00'W., 82 lks. dist., mkd. X 15 HES 172 BT.

H. C. WAS. PRINTERS, PORTLAND, ORE. 85434

CHAINS Mound of stone impracticable.
Cor. No. 15 is 340 ft. above Cor. No. 10.
The temporary stake set for the 1/256 sec. cor. on the longitudinal 1/16 sec. line and for center of road exemption, bears N.87°54'E 0.25 chs. dist.
Cor. No. 4, heretofore described, bears N.24°27'E., 80 lks. dist.

Thence I run S.87°54'W on a true line (Calculated bearing)
Descend broken west slope through oak, alder, cedar and fir timber and undergrowth.
1.90 Creek 4 lks. wide, 10 ft. below steep narrow banks, course NW.
3.75 Creek, 7 lks. wide, 10 ft. below steep narrow banks, course N.50°W
7.80 Creek 5 lks. wide, 20 ft below steep narrow banks, course northerly.
8.70 Cor. No. 16.
Set a shale stone, 24x12x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 16 of this survey, mkd. 16 HES 172 on side facing the claim; from which:

A cedar, 14 ins. diam. bears S.88°15'E., 65 lks. dist. mkd. X 16 HES 172 BT.
A tan oak 14 ins, diam. bears S.11°00'W., 52 lks. dist., mkd, X 16 HES 172 BT.
Mound of stone impracticable.
Cor. No. 16 is 110 ft. below cor. No. 15.

Thence I run S.0°03'E on a true line (calculated bearing)
Ascend steep northeasterly slope 90 ft., through oak, cedar and fir timber and underbrush.
4.56 Intersect the temporary 1/64 sec. cor. and cor No. 17 on the latitudinal ¼ sec. line which is a fir tree, 40 ins. diam., in place, Which I mark 17 HES 172 on side facing the claim for cor. No. 17 of this survey; from which:

A fir 22 ins. diam. bears N.4°00'E. 74 lks. dist., mkd. X 17 HES 172 BT.
A tan oak, 8 ins. diam. bears.,S.34°45'E., 41 lks., dist., mkd. X 17 HES 172 BT.
Mound of stone is impracticable. October 6.1916.

October 7,1917: From cor. No. 17 of this survey, above described, I run S.87°52'W. on a true line along the latitudinal ¼ sec. line. Ascend northeasterly slope 25 ft. through heavy undergrowth, scattering fir and cedar timber.
2.00 Top of small spur, bears northwesterly and southeasterly. Descend westerly slope 35 ft. through dense undergrowth and scattering fir timber.
5.95 Cross creek 2 lks. wide, 10 ft. below steep banks; course northerly.
7.00 Foot of descent. Ascend gradual Northeasterly slope, 50 ft. through growth of brush.
9.93 Intersect the temporary stake set for the center of sec. 6 and cor. No. 18 of this survey, which I destroy and in its place Set a basalt stone, 24x12x10 ins. 14 ins in the ground, over a stone mkd. with a cross for cor. No. 18 of this survey, mkd. 18 HES 172 on side facing the claim; from which:

A fir, 40 ins. diam., bears N.65°45'E., 101 lks. dist., mkd. X 18 HES 172 BT.
A fir 48 ins. diam. bears S.40°15'E., 110 lks. dist., mkd. X 18 HES 172 BT. October 7,1916.

Thence I run N.0°07'W. on a true line along the longitudinal ¼ sec. line. Descend over broken rocky northeasterly slope 250 ft. through dense high growth of brush.
12.80 Enter cleared level field. SE. cor. bears E., 1.50 chs.
14.80 Leave cleared field, NE. cor. bears E., 1.50 chs.
Descend over broken northeasterly slope 165 ft. through old burn, young fir and cedar reproduction and dense undergrowth.
28.90 Creek, 8 lks. wide, course northerly. Descend 45 ft. over broken northeasterly slope through alder and oak timber.
33.50 Dry branch, 15 ft. below; wide steep banks; course N Westerly.
35.30 Intersect the ¼ sec. cor. bet secs. 31 and 6, which is a stone

G. C. WAX, PRINTERS PORTLAND, ORE. 8823A

CHAINS heretofore described (460 ft. below cor. No 18)
I mark the stone with a cross for chaining point and alongside
Set a shale stone, 24x12x10 ins. 14 ins. in the ground,
over a stone mkd. with a cross for cor. No 19 of this
survey, mkd 19 HES 172 on side facing the claim; from which:

A myrtle 8 ins diam. bears N.62°30'W., 36 lks, dist.,
mkd. X 19 HES 172 BT.
A myrtle 8 ins. diam .bears S.29°15'E., 81 lks. dist.,
mkd. X 19 HES 172 BT.
Mound of stone impracticable.
From this cor. a creek, 6 lks wide, bears W., 1.00 ch.
course northerly.

Thence I run N.89°55'E. on a true line along line bet.
secs. 31 and 6. Ascend rough broken westerly slope through
alder, oak myrtle young fir and cedar timber.
0.45 Cross trail from cabin to Rogue River, 15 ft. above cor.
bears N. and S.
6.56 Intersect cor. No. 10 and place of beginning. (110 ft.
above cor. No.19.) October 7,1916.

AREA

In Tract A	51.71 acres
In Tract B	43.75 "
Total area of H.E.S.	95.46 "

IMPROVEMENTS

A frame house 32x12 ft. with a 10x15 ft. "ell"; long
sides N. and S.: NE. cor. of which bears S46°00'W.,
7.00 chs. dist. from cor. No. 12 Value $150.00

A log shack 10x8 ft. long sides N. and E., NE. cor of which
bears S.40°00'W. 7.60 chs. dist. from cor. No. 12
Value 20.00

About 2 acres under fence and cultivation, also about
2 acres under fence, partlycleared, 75.00
Total Value $245.00

GENERAL DESCRIPTION

This Homestead Entry lies on the northerly slope of
Kimball Hill on the S. side of the Rogue River. The
general slope of the land is northerly but quite briken
with ridges and draws.

The general character of the land is steep side hill with
benches of flat slope and is about 500 ft. above Rogue
River. The claim is covered with a dense growth of oak,
alder, young fir and cedar of little commercial value,
and a very dense growth of oak, huckleberry, laurel and
other brush. The soil ranges from rocky, good for pasture
to second class capable of producing forage crops,
vegetables and berries. Stock raising is the principal
effort of this district.

Sufficient water for all purposes is available. The
character of the land is non-mineral. The nearest post
office is Gold Beach, at the mouth of th Rogue River,
10 miles W. by water and trail.

LOCATION

This homestead is located in Sec. 6, T36, R13W, W.M.
Oregon, surveyed.

R. C. WAY, PRINTERS, PORTLAND, ORE. 85718

CHAINS

REPORT

The survey of this homestead includes only that portion of the entry in Sec. 8 and is bounded on the E. by Lot 4 of Sec. 5, T36S. R13W, WM. by same entryman.

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

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 132.
SITUATED IN THE
Siskiyou NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6.
in
approximate
Section 32, unsurveyed, Township 37 S., Range 12 W.

of the
Willamette Meridian.
Oregon

Survey executed by Norman C. White, Assistant Forest Ranger.

Under special instructions dated March 12, 1914

Survey commenced August 2, 1914

Survey completed August 4, 1914

Under Acts of June 11, 1906 - June 30, 1914

Applicant for listing Herman F. Jantzen,

Residence Gold Beach, Oregon.

Application No. 188, dated August 8, 1910

List. No. 6-533, dated February 18, 1911

Applicant for survey Herman F. Jantzen

Residence Gold Beach, Oregon.

H. E. No. 07923, dated May 4, 1912.

Land district Roseburg, Oregon.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. June 1, 1916

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Norman C. White, Assistant Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 132, in unsurveyed Section 32, Township 37 S., Range 12 W., of the Willamette Meridian, 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

(signed) Erwin Wills Chainman
(signed) J. Van Eynde "
(signed) T. E. Hulbert Axeman

Subscribed and sworn to before me this 4th day of August, 1914.

(signed) Norman C. White.
Asst. Forest Ranger.

OATH OF SURVEYOR

I, Norman C. White, Asst. Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated March 12, 1914, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~upon the application of~~ embraced in List, No. 6-533, dated February 18, 1911, for patent, under the Act of June 11th., 1906, the same to be known as Homestead Entry Survey No. 132, situated within the Siskiyou National Forest, in unsurveyed Section 32, Township 37 S., Range 12 W., 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.

(signed) Norman C. White.
Asst. Forest Ranger.

Subscribed and sworn to before me this 23 day of February, 1915.

(SEAL) (signed) Daniel F. Brennan
Notary Public for Oregon

HOMESTEAD ENTRY SURVEY NO. 132 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Survey commenced August 2, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12266, 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 approved by E. P. Rands, Assistant Supervisor of Surveys of Oregon and Washington, April 28, 1914.

All measurements, unless otherwise specified, are made with a $\frac{1}{4}$" steel tape, 2 chs. in length, compared with a Chesterman standard steel tape. Clinometers were used to determine slope angles, and all measurements are reduced to true horizontal distances which alone appear in these notes.

I examine the adjustments of the instrument 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 2, 1914: At cor. No. 4 of this claim, set by listing surveyor, in latitude 42°21' N., longitude 124°08' W., I set off 42°21' on the lat. arc; 17°49' N. on the decl. arc; and at 4 p.m., l.m.t., determine a meridian with the solar, and mark a point thereof on a stone firmly set in the ground, 6 chs. N. of my station.

At 10^h49^m p.m., by my watch, which is correct for local mean time, I observe Polaris at eastern elongation and mark the line thus determined on a stake firmly driven in the ground, 6 chs. N. of my station.

August 2, 1914.

August 3, 1914: At 7^h30^m a.m., I lay off the azimuth of Polaris 1°34' to the west; the meridian thus determined coincides with the meridian determined with the solar.

At 8^h0^m a.m., l.m.t., I set off 42°21' on the lat. arc; 17°39' N. on the decl. arc, and determine a meridian with the solar which coincides with the meridian already marked on the stone 6 chs. N. of my station.

The solar apparatus by a.m. and p.m. observations defines positions for the meridian which coincide with the meridian determined by Polaris observation, therefore I conclude that the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 8 a.m. is N. 20°50' W., the angle thus determined gives the mag. decl. 20°50' E. The mean mag. decl. is 20°44' E.

AUGUST 3, 1914.

TIE LINE

August 4, 1914:

I commence at cor. No. 4, set by listing surveyor, which I now destroy, and at the same place,

HOMESTEAD ENTRY SURVEY NO. 132 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Set a serpentine stone, 24x14x10 ins., 17 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, marked 1 HES 132 on NE. face; from which
	A fir, 44 ins. diam., bears N. 14°30' E., 50 lks. dist., marked 1 HES 132 BT
	A fir, 54 ins. diam., bears S. 75°58' E., 37 lks. dist., marked 1 HES 132 BT
	Raised a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	At this cor., I set off 17°20' N. on the decl. arc; and at 12^h6^m p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 42°21'.
	Thence I run
	S. 80°40' W., on a blank line for the cor. of Tps. 37 and 38 S., R. 13 W., and at 134.51 chs. fall 12 lks. S. 9°20' E. of the cor. of Tps. 37 and 38 S., R. 13 W.; which is a basalt stone, marked and witnessed as described by the surveyor general, except that the NE. and SW. bearing trees are dead.
	A knob cone pine, 10 ins. diam., bears S. 78°03' W., 190 lks. dist., marked T 38 S R 13 W S 1 B T
	Snow Camp Mountain bears N. 32°40' E., about 1½ miles distant.
	The true course and distance of this line is S. 80°43' W., 134.51 chs.
	August 4, 1914.

H.E.S. NO. 132

	August 4, 1914:
	I commence at cor. No. 1 of this survey and run
	N. 3°40' E., on a random line, and at 48.33 chs. fall 4 lks. N. 86°20' W. of cor. No. 3, set by listing surveyor.
	I now return to cor. No. 1 of this survey and run N. 3°43' E., on a true line along the west boundary of this tract.
	Descend through scattering fir and cedar timber.
4.22	Pistol River, 53 lks. wide, course S. 20° E.; thence along gravel bar.
7.04	Pistol River, 46 lks. wide, course SW.
8.00	Bend in river, 34 lks. wide, course SE. from NE.; enter scattering timber and small swamp.
14.00	Leave timber, enter open, marshy flat.
27.60	Leave flat, enter timber.
40.00	A point on W. bank of Pistol River.
48.33	Intersect cor. No. 3 set by listing surveyor which I now destroy, and at the same place

HOMESTEAD ENTRY SURVEY NO. 132 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Set a sandstone, 24x7x4 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 132 on SE. face; from which
	A fir, 16 ins. diam., bears S. 17°07' W., 53 lks. dist., marked 2 HES 132 B T
	A knob cone pine, 14 ins. diam., bears N. 31°08' E., 45 lks. dist., marked 2 HES 132 B T
	Raise a mound of stone, 4 ft. base, 2½ ft. high, 3½ ft. dist., within the claim.
	August 4, 1914.
	August 3, 1914:
	From cor. No. 2 of this survey, I run
	S. 86° E., on a random line, and at 9.90 chs. fall 2 lks. N. of cor. No. 2 set by listing surveyor.
	I now return to cor. No. 2 of this survey, and run
	S. 85°53' E., on a true line along the N. boundary of this tract.
	Over level land, through scattering fir timber and fir and hazel undergrowth.
4.50	Pistol River, 74 lks. wide, course S., 10 ft. below cor. No. 2, ascend through small oak, chinquapin, manzanita and snowbrush.
6.65	Spur, 30 ft. above river, slopes S. 60° W.; descend.
8.82	Bend of E. fork of Pistol River, 93 lks. wide, course S. 60° W., from SE.
9.90	Intersect cor. No. 2 of listing survey which I now destroy, and at the same place
	Set a sandstone, 30x14x7 ins., 20 ins. in the ground, over a stone marked with a cross for cor. 3 of this survey, marked 3 HES 132 on SW. face; from which
	A knob cone pine, 14 ins. diam., bears N. 31°57' E., 10 lks. dist., marked 3 HES 132 B T
	A western yellow pine, 30 ins. diam., bears S. 8°47' W., 81 lks. dist., marked 3 HES 132 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	Thence I run
	S. 3°35' W., on a random line, and at 48.33 chs. fall 16 lks. S. 86°25' E. of cor. No. 1 set by listing surveyor.
	August 3, 1914: At this cor., I set off 17°36' N. on the decl. arc, and at 12^h6^m p.m., l.m.t., observe the sun on the meridian; the resulting lat, is 42°21'.
	I now return to cor. No. 3 of this survey and run

HOMESTEAD ENTRY SURVEY NO. 132 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	S. 3°46' W., on a true line along the E. boundary of this tract.
	Descend S. slope.
0.10	East fork of Pistol River, 140 lks. wide, course S. 70° W.; ascend through scattering knob cone pine, fir, yellow pine, chinquapin and manzanita undergrowth.
8.00	Spur, 160 ft. above cor. No. 3, slopes SW.; thence over level land.
11.25	Descend SE. slope, 65 ft. to
15.00	Bottom of descent, leave timber and enter bottom.
15.09	Enter gravel bar.
21.25	Leave gravel bar; thence along western slope through scattering fir and cedar timber, in fir, cedar and manzanita undergrowth.
33.50	Spur, slopes west about 85 ft. above river; descend.
35.45	Ravine, course NW., about 25 ft. below spur; ascend.
37.50	Leave timber, enter dense undergrowth.
41.00	Spur, slopes W., 55 ft. above ravine; descend.
45.00	Enter heavy fir and cedar timber.
46.35	Trail, Snow Camp to Chites River, bears NW. and SE.
47.98	Branch, 2 lks. wide, course NW., 100 ft. below spur; ascend.
48.33	Intersect cor. No. 1 set by listing surveyor which I now destroy, and at the same place
	Set a porphyry stone, 26x14x14 ins., 17 ins. in the ground, over a stone marked with a cross for cor. 4 of this survey, marked 4 HES 132 on NW. face; from which
	A cedar, 36 ins. diam., bears N. 18°48' E., 26 lks. dist., marked 4 HES 132 B T
	A Douglas fir, 60 ins. diam., bears N. 87°03' W., 48 lks. dist., marked 4 HES 132 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	August 3, 1914.
	August 4, 1914:
	From cor. No. 4 of this survey, I run
	N. 85°43' W., on a random line, and at 9.85 chs. fall 3 lks. N. of cor. No. 1 of this survey.
	I return to cor. No. 4, and run
	N. 85°53' W., on a true line along the S. boundary of this tract.
	Descend through fir and cedar timber and scattering undergrowth.

HOMESTEAD ENTRY SURVEY NO. 132 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
4.85	Trail, Snow Camp to Chetco River, bears N. and S.
6.20	Pistol River, 54 lks. wide, course S. 20° E., about 25 ft. below cor. No. 4; ascend through dense chinquapin and rhododendron undergrowth and scattering timber.
7.45	Bend in trail, bears SE. and SW.
9.85	Intersect cor. No. 1, the place of beginning.

From this cor., a small lake, 40 lks. wide, bears N. 31° E., 5.83 chs. dist.

August 4, 1914.

AREA

Total area of H. E. S. No. 132 - 47.68 acres.

IMPROVEMENTS

The improvements not being visible from any corner of the claim, I make the following ties from a point on the E. line of this tract, 22.29 chs. S. 3°46' W. from cor. No. 3.

A hewed log house, 26x34 ft., course of longsides S. 45° W., S. cor. of which bears N. 33°41' W., 5 chs. dist., value -	$425.00
A log and shake house, 12x20 ft., course of longsides S. 15° W., SE. cor. of which bears N. 53° 30' W., 4 chs. dist., value -	75.00
A shake barn, 10x20 ft., course of longsides S. 15° W., SE. cor. of which bears N. 47°14' W., 3.70 chs. dist., value -	65.00
A frame for barn of hewed logs, 42x52 ft., course of longsides N. 33°32' E., NE. cor. of which bears N. 43°03' W., 2.07 chs. dist., value -	150.00
A shake smoke house, 8x8 ft., corners facing cardinal points, E. cor. of which bears N. 38°24' W., 6.33 chs. dist., value -	20.00
87 fruit trees, value -	435.00
About 3¾ acres are under cultivation, surrounded with about 140 rods of high picket fence, NW. cor. of which bears N. 67°35' W., 6.30 chs. dist.; SW. cor. bears S. 61°40' W., 8.15 chs. dist.; SE. cor. bears S. 24°15' W., 5.80 chs. dist.; NE. cor. bears S. 86°40' W., 1.40 chs. dist.; value -	196.00
Total value -	$1366.00

GENERAL DESCRIPTION

This claim lies in the Pistol River valley but a short distance from its source. The general slope of the land is southerly, with scattering stands of good fir and cedar timber.

The land in the interior of the claim is practically level while the boundaries lie principally along hillsides; there is some marshy land along the south and western portions of the claim.

HOMESTEAD ENTRY SURVEY NO. 132 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Hay and oats are the most important crops; beans, potatoes and miscellaneous vegetables and berries do well here, considering the short duration of the growing season.

This particular region is characterized by long winters with a heavy snowfall and much rain; short, cool summers with one or more short spells of intense heat.

The character of the land is non-mineral.

The nearest post office is at Gold Beach, Oregon, about 27 miles northwest at the mouth of Rogue River.

Gold Beach is a stopping point for vessels engaged in coastwise shipping.

LOCATION

This homestead entry is located in approximate sec. 32, (unsurveyed) T. 37 S., R. 12 W., of the Willamette Meridian, Oregon.

REPORT

The survey of this homestead embraces an area wholly confined within the listed and entered descriptions.

The disagreements between these field notes and the listed and entered descriptions regarding the courses and distances are due to errors in the latter. The courses obtained by the solar were checked by the angles of the survey independently read on the horizontal limb.

BOUNDARIES OF H.E.S. NO. 132
Latitudes, Departures and Closing Errors

Line Designation	True Bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
Cor. 1 to Cor. 2	N 3°43'E	48.33	48.23		3.13	
Cor. 2 to Cor. 3	S 85°53'E	9.90		.71	9.87	
Cor. 3 to Cor. 4	S 3°46'W	48.33		48.23		3.17
Cor. 4 to Cor. 1	N 85°53'W	9.85	.71			9.82
			48.94	48.94	13.00	12.99

Error in lat. - 0 lks.
Error in dep. - 1 lk.

(signed) Norman C. White
Assistant Forest Ranger

August 6, 1914.

HOMESTEAD ENTRY SURVEY NO. 132 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, February 16, 1916.

The foregoing field notes of Homestead Entry Survey No. 132, situate in approximate Sec. 32, unsurveyed, T. 37 S., R. 12 W. of the Willamette Meridian, Oregon, within the Siskiyou National Forest,

executed by Norman C. White, Asst. Forest Ranger, under his special instructions, dated March 12, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Edward G. Worth
U. S. Surveyor General

(SEAL)

	CHAINS			

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 122.
SITUATED IN THE
Siskiyou NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6.
in
approximate

Section	1,	unsurveyed,	Township	33 S.,	Range	12 W.
"	2		"	38 S.,	"	12 W.
"	11	"	"	38 S.,	"	12 W.
"	12	"	"	38 S.,	"	12 W.

of the
Willamette Meridian.
Oregon

Survey executed by Norman C. White, Assistant Forest Ranger

Under special instructions dated January 26, 1914.

Survey commenced July 29, 1914.

Survey completed August 1, 1914.

Under Acts of June 11, 1906 - June 30, 1914.

Applicant for listing William Tolman,

Residence Harbor, Oregon.

Application No. 144, dated September 20, 1909.

List. No. 6-513, dated February 3, 1911.

Applicant for survey William P. Tolman,

Residence Harbor, Oregon.

H. E. No. 07351, dated July 25, 1911.

Land district Roseburg, Oregon.

ACCEPTED BY THE HON. COMMISSIONER G. L. O. February 29, 1916

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted Norman C. White, Assistant Forest Ranger in surveying all those parts or portions of Homestead Entry Survey No. 122, in unsurveyed Section 1, Township 38 S., Range 12 W., unsurveyed Section 2, Township 38 S., Range 12 W., unsurveyed Section 11, Township 38 S., Range 12 W., unsurveyed Section 12, Township 38 S., Range 12 W. of the Willamette meridian, 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

(signed) Erwin Wills Chainman
(signed) J. Van Eynde "
(signed) F. E. Hulbert Axeman

Subscribed and sworn to before me this 10th. day of August, 1914.

(signed) Norman C. White
Asst. Forest Ranger.

OATH OF SURVEYOR

I, Norman C. White, Asst. Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 26, 1914, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~upon the application of~~ embraced in List, No. 6-513, dated Feb. 3, 1911, for patent, under the Act of June 11th., 1906, the same to be known as Homestead Entry Survey No. 122, situated within the Siskiyou National Forest, in unsurveyed Section 1, Township 38 S., Range 12 W., and unsurveyed Section 2, Township 38 S., Range 12 W., unsurveyed Section 11, Township 38 S., Range 12 W., unsurveyed Section 12, Township 38 S., Range 12 W. 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.

(signed) Norman C. White.
Asst. Forest Ranger

Subscribed and sworn to before me this 27 day of February, 1915.

(SEAL) (signed) Daniel F. Brennan
Notary Public for Oregon

HOMESTEAD ENTRY SURVEY NO. 122 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Survey commenced July 29, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12266, 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 28, 1914.

All measurements, unless otherwise specified, are made with a $\frac{1}{4}$ inch steel tape, 2 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:

July 29, 1914: At cor. No. 1 of this survey, hereinafter described, I set off 18°48' N. on the decl. arc, 42°16' N. on the lat. arc, and at 4 p.m., l.m.t., determine a meridian with the solar, marking the direction thereof with a groove cut in a rock firmly set 6 chs. N. of my station.

At this same station, in lat. 42°16' N., long. 124°03' W., at 11^h05^m p.m., l.m.t., I observe Polaris at eastern elongation and mark the line thus determined with a peg firmly driven in the ground, 6 chs. N. of my station.

July 29, 1914.

July 30, 1914: At this same station, at 7^h30^m a.m., l.m.t., I lay off the azimuth of Polaris 1°33' to the west, and mark the true meridian thus determined by cutting a groove in the rock 6 chs. N. of my station. This coincides with the mark determined from the p.m. solar observation.

At this same station, I set off 42°16' N. on the lat. arc, 18°38' N. on the decl. arc, and at 8 a.m., l.m.t., determine a meridian with the solar, marking the direction thereof by cutting a groove in the rock 6 chs. N. of my station; which point falls 0.2 ins. to the west of the meridian established by the Polaris observation.

The solar apparatus by p.m. and a.m. observations defines positions for the meridian within one minute of arc of the meridian established by Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.

July 30, 1914: At cor. No. 1, hereinafter described, I set off 18°36' N. on the decl. arc, and at 12^h06^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°16' N.

July 30, 1914: The magnetic bearing of the true meridian at 8. a.m., l.m.t., is N. 20°50' W. The angle thus determined gives the mag. decl. as 20°50' E., and the mean mag. decl. is 20°44' E.

TIE LINE

July 29, 1914: Preliminary to the survey of this Homestead Entry, I make the following connection:

HOMESTEAD ENTRY SURVEY NO. 122 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Commencing at cor. No. 1 of this survey, identical with cor. No. 1 of listing survey, properly identified, I run

S. 1°23' E., 92.70 chs., to point for U.S.L.M. No. 122. At this point

Set a basalt stone, 28x16x10 ins., 18 ins. in the ground, over a stone marked with a cross for U.S.L.M. No. 122, marked X on top and U S L M 122 on N. face; from which

A forked live oak, 12 ins. diam., bears N. 85°10' E., 50 lks. dist., marked X U S L M 122 B T

A Douglas fir, 16 ins. diam., bears S. 26°57' E., 75 lks. dist., marked X U S L M 122 B T

A madrona, 6 ins. diam., bears N. 16°30' W., 40 lks. dist., marked X U S L M 122 B T

Raise a mound of stone, 4 ft. base, 3 ft. high, south of monument, 5 ft. dist.

West peak of Big Craggies bears N. 7°55' E., about 5½ miles dist.

Colliers Butte bears N. 15°53' W., about 7 miles dist.

The monument is about 200 ft. lower than top of ridge, and is at the lower end of a small hillside marsh, about 200 ft. square.

Thence I run

S. 32°28' W., 159.00 chs., to the cor. of secs. 22, 23, 26 and 27, T. 38 S., R. 12 W., W.M., which is a post, 4 ins. sq., 2 ft. above ground, firmly set, marked and witnessed as described by the surveyor general.

July 29, 1914.

H. E. S. NO. 122

July 30, 1914: Beginning at cor. No. 1 of this survey, identical with cor. No. 1 of listing survey, properly identified, which I destroy, and in its place

Set a wash boulder, 26x16x6 ins., 16 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, and meander cor. on right bank of Chetco River, marked M C on side facing the river, and 1 HES 122 on side facing the claim; from which

A fir, 16 ins. diam., bears N. 30°41' E., 90 lks. dist., marked X 1 M C HES 122 B T

A fir, 24 ins. diam., bears S. 74°15' E., 12 lks. dist., marked X 1 M C HES 122 B T

Raise a mound of stone, 4 ft. base, 3 ft. high, 3½ ft. dist., on line NW. of cor.

From this cor., U.S.L.M. No. 122, above described, bears S. 1°23' E., 92.70 chs. dist.

Thence I run

N. 38°00' W., on a random line, and at 13.83 chs., fall 10 lks. S. 52°00' W. of cor. No. 6 of listing survey.

(The true course of this line is N. 37°35' W., 13.83 chs.)

HOMESTEAD ENTRY SURVEY NO. 122 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Returning to cor. No. 1 of this survey, above described, I run
	N. 37°35' W., on a true line
	Through scattering fir and oak and undergrowth.
1.86	Rail fence, bears NE. and W.
6.20	Spring branch, 1 lk. wide, course SW.
6.83	Trail, bears E. and W.
12.80	Spring branch, 3 lks. wide, course SW.
13.83	To cor. No. 2, identical with cor. No. 6 of listing survey, which I destroy, and in its place
	Set a serpentine stone, 36x14x14 ins., 26 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 122 on side facing the claim; from which
	A fir, 38 ins. diam., bears S. 56°53' E., 60 lks. dist., marked X 2 HES 122 B T
	A madrona, 14 ins. diam., bears N. 67°44' E., 90 lks. dist., marked X 2 HES 122 B T
	Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	July 30, 1914: At this cor., I set off 18°36' N. on the decl. arc, and at 12^h06^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°16' N.

	Thence I run
	N. 65°00' E., on a random line, and at 35.59 chs., fall 22 lks. S. 25°00' E. of cor. No. 5 of listing survey.
	(The true course of this line is N. 64°39' E., 35.59 chs.)
	Returning to cor. No. 2 of this survey, above described, I run
	N. 64°39' E., on a true line,
	Through second growth of white oak.
0.60	Trail, bears NW. and SE.
1.35	Creek, 4 lks. wide, course S. 20° W.
2.92	Pole fence, bears NW. and SE.
4.76	Snow Camp trail, bears NW. and SE.
6.60	Leave white oak, enter dense thicket of small firs.
7.60	Spring branch, 2 lks. wide, course S. 12° W. Ascend.
9.65	Leave thicket.
21.50	Top of spur, 120 ft. above point of ascent. Descent, through maple, fir and madrona timber and light undergrowth.
34.80	Foot of descent, 210 ft. below top of spur.

HOMESTEAD ENTRY SURVEY NO. 122 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
33.00	Trail, bears N. and S.
35.59	To cor. No. 3, identical with cor. No. 5 of listing survey, which I destroy, and in its place
	Set a wash boulder, 24x14x5 ins., 14 ins. in the ground, over a glass bottle, for cor. No. 3 of this survey, marked 3 HES 122 on side facing the claim; from which
	A maple, 24 ins. diam., bears S. 21°06' W., 29 lks. dist., marked X 3 HES 122 B T
	A maple, 9 ins. diam., bears N. 53°44' W., 41 lks. dist., marked X 3 HES 122 B T
	Right bank of Wistilaten Creek bears east, 30 lks. dist.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim.
	July 31, 1914.

	August 1, 1914: From cor. No. 3 of this survey, above described, I run
	S. 10°00' E., on a random line, and at 8.04 chs., fall 2½ lks. S. 80°00' W. of cor. No. 4 of listing survey.
	(The true course of this line is S. 10°11' E., 8.04 chs.)
	Returning to cor. No. 3 of this survey, above described, I run
	S. 10°11' E., on a true line
	Parallel to Wistilaten Creek, through alder, myrtle and maple.
0.27	Wire fence, bears E. and W.
8.04	To cor. No. 4 and meander cor. on right bank of Chetco River, identical with cor. No. 4 of listing survey, which I destroy, and in its place
	Set a wash boulder, 26x12x6 ins., 16 ins. in the ground, over a stone marked with a cross for meander cor. and cor. No. 4 of this survey, marked M C on side facing the river, and 4 HES 122 on side facing the claim; from which
	A maple, 10 ins. diam., bears S. 77°30' W., 56 lks. dist., marked X M C 4 HES 122 B T
	An alder, 6 ins. diam., bears N. 32°04' W., 35 lks. dist., marked X M C 4 HES 122 B T
	Raise a mound of stone, 4 ft. base, 3 ft. high, on line 3½ ft. dist., N. of cor.
	From this cor., the mouth of Wistilaten Creek bears E. 150 lks. dist.

	Thence I run meanders of right bank of Chetco River, disregarding cors. 2 and 3 of listing survey, which I destroy, as the Chetco River governs the southerly bdy. of the claim, S. 41°15' W., 18.00 chs.

HOMESTEAD ENTRY SURVEY NO. 122 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

6.00 wire fence and trail, bear [illegible] and [illegible].

[illegible].00 wire fence and trail, bear [illegible] and [illegible].

S. [illegible]°4[illegible]' [illegible], [illegible].20 chs.

S. [illegible]5°42' [illegible], 6.30 chs., to cor. No. 1, the place of beginning.

August 1, 1914: At the end of the first meander course, as shown above, I set off 18°06' N. on the decl. arc, and at 12h06m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°16' N.

August 1, 1914.

AREA

Total area H.E.S. No. 122 ---------- 42.66 acres

IMPROVEMENTS

	Value
A log house, 30x22 ft., course of longsides E. and W., the SW. cor. of which bears S. 73°44' E., 7.43 chs. dist. from cor. No. 2 -	$150.00
A shake house, 10x16 ft., course of longsides NE. and SW., the NE. cor. of which bears S. 14°42' W., 3.55 chs. dist. from cor. No. 3 -	85.00
A woodshed, 14x16 ft., course of longsides NE. and SW., the NE. cor. of which bears S. 11°37' W., 3.72 chs. dist. from cor. No. 3 -	50.00
Five acres cultivated land -	145.00
One-third mile of pole fencing -	15.00
One-half mile wire fencing -	50.00
Twenty-four fruit trees -	180.00
Total value of improvements -	$675.00

GENERAL DESCRIPTION

This claim lies in a bend of the Chetco River, approximately 7 acres being an old river bar. About [illegible] acres lies on a gently sloping bench, the remainder being on a steep hillside. The general slope is to the south, and the claim is covered with scattering myrtle, madrona, oak and fir timber, with an undergrowth of the same.

The land is well adapted to the production of hay, grain, fruit, vegetables and berries. The region is characterized by long, wet winters with heavy fogs and occasional light snowfall, and cool summers with occasional periods of intense heat.

There are no mineral indications.

The nearest post office is Harbor, Oregon, on the Pacific coast at the mouth of the Chetco River, about 29 miles SW. of the claim. Harbor is also the nearest transportation point, as one may there board coasting steamers.

HOMESTEAD ENTRY SURVEY NO. 112 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

LOCATION

This homestead entry is located in approximate secs. 1, 2, 11 and 12, unsurveyed, T. 38 S., R. 12 W., Willamette Meridian, Oregon.

REPORT

The survey of this homestead embraces an area wholly confined within the listed and entered description.

The disagreements between these field notes and the listed and entered descriptions regarding the courses and distances are due to errors in the latter. The courses 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.

BOUNDARIES OF H.E.S. NO. 122

True Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
N64°39'E	35.59	15.24		32.16	
S10°11'E	8.04		7.91	1.42	
S41°15'W	18.00		13.53		11.87
S58°45'W	8.20		4.25		7.01
S85°42'W	6.30		0.47		6.28
N37°35'W	13.83	10.96			8.44
		26.20	26.16	33.58	33.60

Error in lat. - 4 lks.
Error in dep. - 2 lks.

(signed) Norman C. White
Asst. Forest Ranger

August 1, 1914.

HOMESTEAD ENTRY SURVEY NO. 122, SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, December 27, 1915.

The foregoing field notes of Homestead Entry Survey No. 122, situated in approximate secs. 1, 2, 11 and 12, unsurveyed, T. 38 S., R. 12 W. of the Willamette Meridian, within the Siskiyou National Forest, Oregon,

executed by Norman C. White, Asst. Forest Ranger, under his special instructions, dated January 26, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL) (signed) Edward G. Worth
U. S. Surveyor General

CHAINS		

D. C. WAX, PRINTERS PORTLAND, ORE. 85234

CHAINS

Homestead Entry Survey No. 123. Siskyou National Forest
Executed by Norman C White, Assistant Forest Ranger
Under Special Instructions dated January 26, 1914.

Lucius B. Nichols, H.E. 07925. Roseburg Land District.

Retracements

July 17, 1914: Preliminary to the survey of this Homestead Entry, I make the following retracements: Commencing at the standard ¼ sec. cor. for sec. 34, T.40S., R.12W., which is a small stone (instead of a post as recorded), marked and witnessed by the two bearing trees as described by the surveyor general. (viz:

An Alder, 7 ins. diam. bears S 47°E. 7 lks dist., marked S ¼ S BT.
An Alder 6 ins. diam.., bears N.6½°E. 10 lks. dist. marked S ¼S BT.)

The stone is not the proper size, and the marks are nearly obliterated. The bearing trees are badly rotted. I therefore destroy the cor., and in its place
Set a porphry stone, 28x14x12 ins. 21 ins. in the ground, over a stone marked with a cross, marked S C ¼ on N. face, and a cross on top; from which
A fir 7 ins. diam., bears N. 11°14' W., 103 lks. dist., marked SC¼S 34 BT.
Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. I leave old bearing trees as found. Thence I run West (recorded bearing), retracing the Ninth Standard Parallel South Bet. secs. 34 and 3.

39.06 Intersect standard cor. of secs. 33,34,3 and 4, Ts. 40 and 41 S., R.12W., re-established by E.B. Henery in 1908, which is a stone 6x6x8 ins. above ground, firmly set, marked and witnessed (properly)The fir in sec. 4, instead of sec. 3 as recorded, being down and decaying, I replace it with

A fir 9 ins. diam., bears S.22°11' W., 18 lks. dist. marked S C T41S R12W S4 BT., with a cross for bearing point.
The true course of this line is West, 39.06 chs. (Note: This line was chained twice.)

H.E.S. No. 123

July 17,1914: I begin at cor. No. 1 of this survey, identical with cor. No. 1 of listing survey; also identical with the standard ¼ cor. of sec. 34, T. 40 S. R12W., hertofore described, and run West on a true line, along Ninth Standard Parallel South.
Descend through scattering fir timber and thickets of vine maple and huckleberry brush.

9.70 Left bank of East Fork of Winchuck River, bears S.26°W., 160 ft. below cor. No. 1.
10.35 Right bank of East Fork of Winchuck River; thence across bottom land.
13.00 Ascend steep SE. slope of spur.
16.00 Top of Spur, 140 ft. above river; descend to
22.00 Bottom, 130 ft. below spur; thence cross bottom land.
25.51 Left bank of Wheller Creek, bears SE.
26.10 Right bank of Wheeler Creek
26.69 To cor. No. 2, at a point 52 lks. dist. E. of cor. No. 2 of listing survey, which I destroy, and 26 lks. dist, E. of post set for center of road exemption by listing surveyor, which I also destroy.

CHAINS

At this point for cor. I
Set a wash boulder, 28x12x12 ins. 18 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 123 on side facing the claim; from which
An alder, 26 ins. diam., bears N.81°31'E., 20 lks. dist., marked X 2 HES 123 BT.
A myrtle, 18 ins. diam. bears N.34°W., (---)? lks dist. marked X 2 HES BT.
Raise a mound of stone 4 ft. base, 2 ft. high, 3½ ft. dist., within the claim. July 17, 1914

Note my instructions direct me to lay off a right of way for a road 44 lks. wide along the west boundary of this claim. Owing to the character of the ground, a roadway along this line would be impracticable, and furthermore, as the land to the west is unsurveyed Goverment land, it appears to be a useless procedure to lay off the road exemption. I therefore define the west boundary of the claim along what was intended to be the east side of road exemption.
July 18,1914: From cor. N.2 of this survey, above described I run N. 31°40'W., on a true line.
Along right bank of Wheeler Creek.
4.81 Spring branch 1 lk. wide, course NE.; leave Wheeler Creek.
6.60 A Douglas fir, 2 ft., 10 ins. diam. on line.
12.76 Spring branch, 1 lk. wide, course N.70°E.: ascend.
14.00 Top of spur, slopes E., 25 ft. above spring branch; descend.
18.00 Spring branch, 1 lk. wide, course N.80°E. 25 ft. below top of spur; ascend SE. slope of spur.
30.00 Top of spur, slopes E., 240 ft. above spring branch; descend 230 ft. to
38.00 Creek, 2 lks. wide, course NE.
40.00 Ascend.
43.71 To cor. No.3 (35 ft.above creek), at a point N.39°12'E., 46 lks. dist. from cor. No 3. of listing survey, which I destroy, and N.39°12'E., 23 lks. dist. from post set for center of road exemption by listing surveyor, which I also destroy.
At this point for cor., I
Set a porphyry stone, 24x12x8 ins. 14 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 123 on side facing the claim; from which

A fir, 38 ins. diam bears S.82°35'E. 37 lks. dist., marked X 3 HES 123 BT.
A fir, 76 ins diam., bears S.30°50'W., 13 lks. dist., marked X HES 123 BT.
Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist. within the claim.

--- ---

N. 39°12'E., on a true line. Descend.
0.35 Creek, 3 lks. wide, course S.80°E., 25 ft. below cor. No.3., thence gradual descent of SE. slope, through fir, cedar and maple.
7.32 Right bank of Wheeler creek, course SE.
8.05 Left bank of Wheeler Creek.
8.77 To cor. No. 4, identical with cor No. 4 of listing survey, which I destroy, and in its place
Set a porphyry stone, 28x14x8 ins. 18 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 123 on side facing the claim: from which

A maple, 14 ins. diam. bears S 38°20'E., 32 lks. dist., marked X 4 HES 123 Bt.
an alder, 28 ins. diam. bears S52°25'W., 10 lks. dist. marked X 4 HES 123 BT.
Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist., within claim.

Thence I run S.42°43'E. on a true line.

D. C. WAX, PRINTERS PORTLAND, ORE. 88234

CHAINS Through fir, maple, alder, hemlock and cedar timber and undergrowth.
6.00 Left bank of Wheeler Creek, course E.
6.79 Right bank of Wheeler Creek; thence cross bar.
9.06 Right bank of Wheeler Creek, course S.20°E.
9.76 Left bank of Wheeler Creek.
20.00 Trail, bears N.20°W and S. 20°E.
26.02 To cor. No. 5, identical with cor. No. 5 of listing survey which I destroy, and in its place.
Set a basalt stone, 36x14x12 in., 26 ins. in the ground, over a stone marked with a cross for cor. No. 5 of this survey, marked 5 HES 123 on side facing the claim; from which

A myrtle, 20 ins. diam. bears. S.0°35'E., 70 lks. dist. marked X 5 HES 123 Bt.
An oak, 16 ins. diam. bears N.45°51'W., 36 lks. dist. marked X 5 HES 123 BT.
Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist. within the claim.

Thence I run S.3°33'E., on a true line.
Ascend NW. slope of spur.
6.00 Top of spur, slopes W., 120 ft. above cor. No.5; descend SW. slope of spur, 65 ft. to
8.00 Spring branch, 1 lk. wide course W.; ascend NW. slope of spur.
11.00 Top of spur, slopes W.; 50 ft. above branch; descend.
19.10 To cor. No. 6, identical with cor. No. 6 of listing survey which I destroy, and in its place
Set a wash boulder, 24x10x10 ins. 14 ins. in the ground over a stone marked with a cross for cor. No. 6 of this survey, marked 6 HES 123 on side facing the claim.; from which

A myrtle, 6ins diam. bears S.43°05'E., 50 lks. dist. marked X 6 HES 123 BT.
A fir, 30 ins. diam. bears S.39°11'E., 107 lks. dist. marked X 6 HES 123 BT.
Raise a mound of stone, 4 ft. base 2 ft. high, 3½ ft. dist. within the claim. July 20,1914.

July 21,1914: From the cor. No.6 of this survey, I run S.88°57'E. on a true line. Ascend steep SW. slope of spur through dense undergrowth.
7.50 Top of spur, slopes S., 270 ft. above cor. No. 6; descend SE. slope.
16.00 Bottom, 150 ft below spur.
16.38 Right bank of East Fork of Winchuck River, course S.15°W.
16.90 Left bank of East Fork of Winchuck River, ascend.
18.01 To cor. No. 7 (25 ft. above river), identical with cor. No. 7 of listing survey, which I destroy, and in its place.
Set a porphry stone, 28x24x14 ins. 18 ins. in the ground over a stone marked with a cross for cor. No. 7 of this survey, marked 7 HES 123 on side facing the claim: from which

A fir, 16 ins. diam. bears N.55°47'E., 3 lks. dist. marked X 7 HES 123 BT.
A fir, 10 ins. diam., bears N.54°W., 36 lks. dist., marked X 7 HES 123 BT.
Raise a mound of stone 4 ft base, 2 ft high, 3½ ft dist. within the claim.

Thence I run N.26°20'E. on a true line.
Through second growth fir, alders and dense undergrowth.
10.70 Left bank of East Fork of Winchuck River, course SW.
11.15 Right bank of East Fork of Winchuck River, course SW.
13.02 Creek, 2 lks wide, course SW.
15.00 Leave alder; enter burned-over-flat.

CHAINS

[illegible].85 To cor. No. 8, identical with cor. No. 8 of listing survey, which I destroy and in its place
Set a porphyry stone, 26x15x12 ins. 18 ins. in the ground, for cor. No. 8 of this survey, marked 8 HES 123 on side facing the claim; from which

A fir, 10 ins. diam. bears S.88°15'E., 179 lks. dist. marked X 8 HES 123 BT.
An alder, 12 ins. diam., bears S.11°35'W., 90 lks. dist., marked X 8 HES 123 BT.
Raise a mound of stone 4 ft. base, 2 ft. high., 3½ ft. dist. within the claim.

Thence I run N.75°17'E., on a true line. Over level land.
[illegible] Creek, 4 lks, wide, course S.20°E., thence along SE. sidehill, through dense undergrowth of alder, myrtle and oak.
[illegible].08 To cor. No. 9 identical with cor. No. 9 of listing survey, also identical with cor. No. 6 of List. No. 8-1145, which I destroy. and in its place Set a sandstone, 24x14x7 ins. 14 ins. in the ground, over a stone marked with a cross for cor. No. 9 of this survey, marked 9 HES 123 on side facing the claim; from which

A fir, 18 ins. diam. bears, S.85°45'E., 98 lks. dist., marked X 9 HES 123 Bt.
A madrona, 6 ins. diam., bears S.14°28'W., 100 lks. dist., marked X HES 123 BT.
Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist. within the claim.

Thence I sight to Cor. No. 10 of listing survey and run S.32°00'E., on true line. Over nearly level land.
6.81 Right bank of East Fork of Winchuck River, course S.65°W.
7.50 Left bank of East Fork of Winchuck River. Ascend.
7.80 Rail, bears, NE. and SW.
8.50 Over windfall.
9.08 To cor. No 10 (35 ft. above river), identical with cor. No. 10 of listing survey, also identical with cor. No. 1 of List. 8-1145 which I destroy, and in its place
Set a caglomerate stone, 28x7x4 ins. 18 ins. in the ground, for cor. No. 10 of this survey, marked 10 HES 123 on side facing the claim; from which

A madrona, 6 ins. diam. bears N.10°E., 51 lks. dist., marked X 10 HES 123 BT.
An alder, 8 ins. diam. bears N85°18'E., 41 lks. dist., marked X 10 HES 123 BT.
Raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. dist. within the claim.

Thence I run S.44°19'W., on a true line. Over windfall.
2.25 Leave windfall; ascend through alder and young fir.
12.00 Top of spur, slopes NW., 130 ft. above cor. No 10. descend to
16.51 Creek, 2 lks. wide course NW., 110 ft. below spur; ascend.
20.00 Top of spur, slopes NW., 100 ft. above creek; thence over rolling NW slope.
24.73 Spring on line.
27.72 To cor. No. 1, and place of beginning. July 22,1914

AREA

Total area of H.E.S. No. 123 ----------89.20 acres

LOCATION

This Homestead Entry is located in unsurveyed secs. 33 and 34, T.40S., R12W., W.M. Oregon.

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 181
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6

approx.
In/Section 34 &, unsurveyed, Township 40 S., Range 12 W.
35

of the
Willamette Meridian.
State of
Oregon.

Applicant for listing L. G. Branch

Residence Harbor, Oregon
Not dated
Application No. 320, dated Received June 21, 1913

List. No. 6-1145, dated December 23, 1913

Applicant for survey Leslie G. Branch

Residence Harbor, Oregon

H. E. No. 09452, dated May 14, 1914.

Land Office: Roseburg, Oregon.

Survey executed by H. F. MADER, Surveyor-Draftsman.

Under special instructions dated January 5, 1916.

Survey commenced October 10, 1916.

Survey completed October 12, 1916.

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

ACCEPTED BY THE HON. COMMISSIONER G. L. O. FEB 26 1918

CHAINS

OATH OF ASSISTANTS

I hereby certify that I assisted H. F. MADER, Surveyor-Draftsman in surveying all those parts or portions of Homestead Entry Survey No. 181, 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 my 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

(Signed) John F. Campbell Chainman

Subscribed and sworn to before me this 12th day of October, 1916.

(signed) H. F. Mader
Surveyor-Draftsman

OATH OF SURVEYOR

I, H. F. MADER, Surveyor-Draftsman, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 5, 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. 6-1145, dated December 23, 1913, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 181, situated within the SISKIYOU National Forest, in approx. unsurveyed Sections 34 & 35, Township 40 S., Range 12 W., 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.

(signed) H. F. Mader
Surveyor-Draftsman

Subscribed and sworn to before me this 27th day of December, 1916.

(SEAL) (signed) Georgene L. Miller
Notary Public

HOMESTEAD ENTRY SURVEY NO. 181 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Entryman - L. G. Branch

H. E. No. 09452, dated May 14, 1914.

Land Office: - Roseburg, Oregon

Survey commenced October 10, 1916, and executed with a W. & L. E. Gurley light mountain transit No. 12933 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 lat. and decl. 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, August 8, 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:

October 10, 1916: At cor. No. 1 of the Homestead Entry Survey, hereinafter described which is identical with cor. No. 1 of listing survey, also identical with cor. No. 10 of H.E.S. No. 123, lat. 42°02' N., long. 124°06' W., (obtained from blue print accompanying Special Instructions and subsequently verified); I set off 42°02' N. on the lat. arc; 6°46' S. on the decl. arc, and at 3 p.m., l.m.t., determine a meridian with the solar and mark a point thereof on a peg firmly set in the ground, 5 chs. N. of the cor.

At 6^h18^m, p.m., l.m.t., I observe Polaris at E. elong., and mark a point in the line thus determined on a peg driven in the ground, 5 chs. N. of the cor.

October 10, 1916.

October 11, 1916: At 7^h30^m, a.m., l.m.t., I lay off the azimuth of Polaris 1°32' to the west, and mark the meridian thus determined, by a tack in the peg set on October 10, on which the meridian falls 0.25 ins. east of the mark determined by the solar.

At 9 a.m., l.m.t., I set off 42°02' N. on the lat. arc; 7°03' S. on the decl. arc; and mark a point in the meridian determined with the solar, by a tack in the peg already set in the ground, 5 chs. N. of my station; this mark falls 0.3 ins. east of the meridian established by the Polaris observation.

The solar apparatus by p.m. and a.m. observations defines position for the meridian, less than one minute of arc from the meridian established by the Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.

October 11, 1916: At the above mentioned cor., I set off 7°06' S. on the decl. arc, and at 11^h47^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°02' N.; long. 124°06' W.

HOMESTEAD ENTRY SURVEY NO. 181 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

The magnetic bearing of the true meridian at this cor. at 9 a.m., l.m.t., is N. 20°23' W.; the angle thus determined gives the magnetic decl. 20°23' E. The mean magnetic decl. is 20°20' E.

TIE LINE

October 11, 1916: Preliminary to the survey of this Homestead Entry, I make the following connection:

Commencing at cor. No. 1 of this survey, identical with cor. No. 1 of listing survey, also identical with cor. No. 10 of H.E.S. No.123, hereinafter described, I run

S. 44°19' W. on a random line (as recorded in field notes of H.E.S. No. 123) and at 27.73 chs. intersect the 1/4 sec. cor. on the S. bdy. of sec. 34, T. 40 S., R. 12 W., which is a porphyry stone, 12x14x7 ins. above ground, mkd. with a cross on top and S C 1/4 on N. face; - from which -

A fir, 7 ins. dia. bears N. 11°14' W., 103 lks. dist., mkd. S C 1/4 S B T

Mound of stone N. of cor.

The true bearing and length of this tie line is S. 44°19' W., 27.73 chs.

All listing cors. referred to herein are properly identified, being mkd. and witnessed as described by the Forest Service in the listing survey.

H.E.S. No. 181

October 11, 1916: I begin at cor. No. 1 of the Homestead Entry Survey, identical with cor. No. 1 of listing survey, and also identical with cor. No. 10 of H.E.S. No. 123, which is a conglomerate stone 10x7x4 ins. above ground, mkd. and witnessed as described in field notes of H.E.S. No. 123. This stone appears in bad condition, cracked and spalled; therefore I destroy same, and in place,

Set a Forest Service iron post with brass cap, 3 ft. long, 2 ins. dia., 24 ins. in the ground, over a stone mkd. with a cross, for cor. No. 1 of this survey, mkd. 10 HES 123 on side facing H.E.S. No. 123 and 1 HES 181 on side facing the claim; - from which -

A fir, 6 ins. dia. bears N. 31°15' E., 49 lks. dist., mkd. X 1 HES 181 B T

An alder, 5 ins. dia. bears S. 24°30' E., 25 lks. dist., mkd. X 1 HES 181 B T

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

From this cor. the 1/4 sec. cor. on south bdy. of sec. 34, T. 40 S., R. 12 W., bears S. 44°19' W., 27.73 chs. dist.

Thence I run

N. 32°00' W. on a random line along bdy. of H.E.S. No. 123, and at 9.12 chs. fall 12 lks. N. 58°00' E. of cor. No. 6 of listing survey, identical with cor. No. 9 of H.E.S. No. 123.

HOMESTEAD ENTRY SURVEY NO. 181 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	(The true bearing and length of this line is N. 32°45' W., 9.12 chs.)
	Returning to cor. No. 1 of this survey, above described, I run
	N. 32°45' W., on a true line along E. bdy. of H.E.S. No. 123,
	Through alder and young fir and underbrush.
1.15	Trail to L. G. Branch's house bears NE. and SW.
	Descend abruptly through alders to
1.60	Left bank of East Fork of Winchuck River (River 40 ft. below cor. No. 1), course SW.
2.30	Right bank of East Fork of Winchuck River (25 ft. above river.)
	Over nearly level ground, thru brush and scattering alder trees and open land.
9.12	Cor. No. 2, identical with cor. No. 6 of listing survey, also identical with cor. No. 9 of H.E.S. No. 123, which is a sandstone, 10x14x10 ins. above ground, firmly set, marked and witnessed as described in field notes of H.E.S. No. 123.
	For cor. No. 2 of this survey I mark this stone 2 HES 181 on side facing the claim; - from which -
	A madrona, 4 ins. diam., bears S. 16°45' W., 102 lks. dist., marked X 2 HES 181 B T
	A madrona, 4 ins. diam., bears S. 52°30' E., 87 lks. dist., marked X 2 HES 181 B T
	Raise a mound of stone, 3 ft. base, 2 ft. high, 3½ ft. dist. within the claim.

	Thence I run
	N. 47°00' E. on a random line and at 54.50 chs., fall 48 lks. N. 43°00' W. of cor. No. 5 of listing survey.
	(The true bearing and length of this line is N. 47°30' E., 54.50 chs.)
	Returning to cor. No. 2 of this survey above described, I run
	N. 47°30' E. on a true line
	Gradual ascent along south slope, thru dense underbrush, slope very broken and rocky.
45.50	Top of spur (160 ft. above cor. No. 2) bears N.W. and S.E.
	Descend steep hill thru brush and young fir to
48.70	Right bank of East Fork of Winchuck River, course S.E.
49.10	Left bank of East Fork of Winchuck River, over level open land.
54.50	Cor. No. 3, identical with cor. No. 5 of listing survey, which I destroy and in its place

HOMESTEAD ENTRY SURVEY NO. 181 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Set a basalt stone, 28x12x6 ins., 18 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 181 on side facing the claim; - from which -
	A fir, 8 ins. diam., bears S. 47°00' E., 39 lks. dist., marked X 3 HES 181 B T
	A madrona, 4 ins. diam., bears S. 25°30' W., 136 lks. dist., marked X 3 HES 181 B T
	Mound of stone impracticable.
	October 11, 1916.
	October 12, 1916: From cor. No. 3 of this survey, above described, I run
	S. 38°30' E., on a random line and at 27.03 chs. fall 24 lks. N. 51°30' E., of cor. No. 4 of listing survey.
	(The true bearing and length of this line is S. 37°59' E., 27.03 chs.)
	Returning to cor. No. 3 of this survey above described, I run
	S. 37°59' E., on a true line
	Ascend (75 ft.) along N.W. slope over rocky land thru heavy underbrush.
4.00	Top of ascent
	Along S.W. slope, gradual descent thru heavy brush and scattering fir and alder timber.
17.00	Make diligent search for cor. No. 5 of List. 6-1032, but do not find it; thence along common bdy. between this survey and List 6-1032.
25.30	Right bank of Fourth of July Creek (35 ft. above Creek), course West.
25.81	Left bank of Fourth of July Creek.
	Ascend thru alder and fir timber (25 ft.)
27.03	Cor. No. 4, identical with cor. No. 4 of listing survey, also identical with cor. No. 1 of List No. 6-1032, which I destroy and in its place
	Set a granite stone, 24x10x8 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 181 on side facing the claim; - from which -
	An alder, 12 ins. diam., bears N. 28°30' E., 19 lks. dist., marked X 4 HES 181 BT
	A fir, 8 ins. diam., bears N. 59°00' W., 47 lks. dist., marked X 4 HES 181 BT
	Raise mound of stone, 3 ft. base, 2 ft. high, 3½ ft. dist. within the claim.
	From this cor. the junction of the Fourth of July Creek and East Fork of Winchuck River, bears N. 63°00' W., 8.00 chs.
	Thence I run

HOMESTEAD ENTRY SURVEY NO. 181 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	N. 88°30' W. on a random line and at 30.55 chs. fall 17 lks. S. 1°30' W. of cor. No. 3 of listing survey.
	(The true bearing and length of this line is N. 88°11' W., 30.55 chs.)
	Returning to cor. No. 4 of this survey, above described, I run
	N. 88°11' W. on a true line
	Along broken slope thru alder, oak and young fir timber and dense underbrush.
30.55	Cor. No. 5, identical with cor. No. 3 of listing survey, which I destroy, and in its place
	Set a basalt stone, 24x10x8 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 5 of this survey, marked 5 HES 181 on side facing the claim; - from which -
	A fir, 7 ins. diam., bears N. 43°30' E., 19 lks. dist., marked X 5 HES 181 B T
	A fir, 10 ins. diam., bears S. 12°15' E., 20 lks. dist., marked X 5 HES 181 B T
	Mound of stone impracticable.
	From this cor. the left bank of East Fork Winchuck River, bears N.W., 2.50 chs.
	Thence I run
	S. 33°00' W., on a random line, and at 22.49 chs. fall 50½ lks. S. 57°00' E. of cor. No. 2 of listing survey.
	(The true bearing and length of this line is S. 34°17' W., 22.50 chs.)
	Returning to cor. No. 5 of this survey, above described, I run
	S. 34°17' W., on a true line
	Along N.W. slope, practically level, thru heavy growth of young fir and oak timber and heavy underbrush.
4.50	Cross spring branch, 1 lk. wide, course N.W.
15.80	Cross spring branch, 2 lks. wide, course N.W.
22.50	Cor. No. 6, identical with cor. No. 2 of listing survey, which I destroy and in its place
	Set a basalt stone, 24x10x8 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 6 of this survey, marked 6 HES 181 on side facing the claim; - from which -
	A Douglas fir, 36 ins. diam., bears N. 19°30' W., 62 lks. dist., marked X 6 HES 181 B T
	A fir, 4 ins. diam., bears S. 41°30' W., 30 lks. dist., marked X 6 HES 181 B T
	Raise a mound of stone, 3 ft. base, 2 ft. high, 3½ ft. dist. within the claim.

HOMESTEAD ENTRY SURVEY NO. 181 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	October 12, 1916: At this cor., I set off 7°29' W. on the decl. arc, and at 11^h47^m, l.m.t., observe the sun on the meridian; the resulting lat. is 42°02' N.
	Thence I run
	S. 59°00' W. on a random line and at 10.27 chs. fall 35 lks. N. 31°00' W. of cor. No. 1 of this survey, above described.
	(The true bearing and length of this line is S. 57°03' W., 10.28 chs.)
	Returning to cor. No. 6 of this survey, above described, I run
	S. 57°03' W. on a true line.
	Along NW. slope, practically level, through heavy growth of young fir, oak and alder timber and dense underbrush.
8.87	Cross creek, 3 lks. wide, course NW.
10.28	Cor. No. 1, the place of beginning.
	October 12, 1916.

AREA

Total area of H.E.S. No. 181 ---------- 65.49 acres

IMPROVEMENTS

	Value
A shake house, 16x22 ft., longsides S. 48°00' W. and N. 48°00' E., the SE. cor. of which bears N. 71°30' W., 3.30 chs. from cor. No. 6,	$150.00
A new shake barn 20x30 ft., 15 ft. high, longsides S. 40°00' W., and N. 40°00' E., the SW. cor. of which bears N. 11°30' E. 5.30 chs. from cor. No. 6,	$150.00
About 10 acres cleared and ready for cultivation	$400.00
Total Value - -	$700.00

GENERAL DESCRIPTION

This claim lies on both sides of the East Fork of Winchuck River; approximately one-half is river bottom land of second rate soil, all of which can be put under cultivation; and the remainder is steep side hill land covered with a growth of young fir, tan oak, myrtle and underbrush of little commercial value.

The bottom land is practically level with general slope to SW. and with proper irrigation is capable of producing grains, fruits, berries and all varieties of garden truck. Water for all purposes is available in quantity from the Winchuck River and Fourth of July Creek and from the springs on this claim. This district is developing a fair dairying business and the outlook is very good for the community.

The character of the land is non-mineral.

The nearest post office is Harbor, Oregon, about 12 miles by trail and wagon road west of the claim.

HOMESTEAD ENTRY SURVEY NO. 181 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

H.E.S. No. 123 adjoins this claim on the SW.

LOCATION

This Homestead entry is located in approximate unsurveyed secs. 34 and 35, T. 40 S., R. 12 W., Willamette Meridian, Oregon.

REPORT.

The survey of this homestead embraces an area wholly confined within the listed and entered description.

The disagreements bet. these field notes and the listed and entered description regarding the bearings and distances are due to errors in the latter. 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.

I find line 9-10 of H.E.S. No. 123 to be S. 32°45' E., 9.12 chs. instead of S. 32°00' E. 9.08 chs. as approved.

BOUNDARIES OF H.E.S. No. 181

True Bearing	Dist.	Latitude N.	Latitude S.	Departure E.	Departure W.
N.47°30'E.	54.50	36.82		40.18	
S.37°59'E.	27.03		21.30	16.64	
N.88°11'W.	30.55	.97			30.53
S.34°17'W.	22.50		18.59		12.67
S.57°03'W.	10.28		5.59		8.63
N.32°45'W.	9.12	7.67			4.93
		45.46	45.48	56.82	56.76

Error in lat. - 2 lks.
Error in dep. - 6 lks.
Error of closure - 1:2434

October 12, 1916.

(signed) H. F. Mader
Surveyor-Draftsman.

HOMESTEAD ENTRY SURVEY NO. 181 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, March 27, 1917.

The foregoing field notes of Homestead Entry Survey No. 181, within the Siskiyou National Forest, situated in approximate sections 34 and 35, unsurveyed, Tp. 40 S., R. 12 W., Willamette Meridian, Oregon

executed by H. F. MADER, Surveyor-Draftsman, under his special instructions, dated January 5, 1916, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL)

(signed) Edward G. Worth
U. S. Surveyor General.

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 209
SITUATED IN THE
SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6

Section 31, unsurveyed, Township 40 S., Range 12 W.

of the
Willamette Meridian,
State of

Oregon

Applicant for listing R. B. Freeman

Residence Harbor, Oregon.

Application No. 354, dated January 2, 1914.

List No. 6-1282, dated May 28, 1914.

Applicant for survey Reuben B. Freeman

Residence, Harbor, Oregon

H. E. No. 09768, dated November 25, 1914

Land Office - Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger

Under special instructions dated January 31, 1917.

Survey commenced June 12, 1917.

Survey completed June 16, 1917.

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

ACCEPTED BY THE HON. COMMISSIONER G. L. O. June 9, 1919.

CHAINS

OATH OF ASSISTANTS

We hereby cerify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 209, 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 Unites States Surveyor General for Oregon.

(signed) Axeman - Harry Brown

(signed) Chainman - N. W. Collins

Subscribed and sworn to before me this 22 day of June, 1917.

(signed) Ben A. Eddy

Forest Ranger

OATH OF SURVEYOR

I, Ben A. Eddy, ForesteRanger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 31, 1917, 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 - 1282, dated May 28, 1914, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 209, situated within the Siskiyou National Forest, in unsurveyed Section 31, Toenship 40 S., Range 12 W., 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.

(signed) Ben A. Eddy

Forest Ranger

Subscribed and sworn to before me this 1st day of Feb., 1919.

(signed) F. D. Strause

(SEAL) Notary Public for Oregon

My Commission Expires September 20th, 1922.

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Entryman: Reuben B. Freeman.

H.E. No. 09768, dated November 25, 1914.

Land Office, Roseburg, Oregon.

Survey commenced June 12, 1917, and executed with a W. & L. E. Gurley light mountain transit No. 12985; 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 vernier of the latitude arc.

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 11, 1917.

All measurements, unless otherwise specified, are made with a 1/8 inch steel tape, 8 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 establish a meridian by observations on Polaris, I proceed as follows:

June 12, 1917: At point for Cor. No. 11 of this survey, identical with Cor. No. 4 of unapproved H.E.S. No. 210, hereinafter described, lat. 42°02' N. as determined in connection with H.E.S. No. 210, long. 124° 10' W. as derived from an accurate map at 9^h45^m p.m., l.m.t., I obs. Pol. and mark the line thus determined, on a peg driven in the ground 5 chs. N. of my station.

L.m.t. of upper culmination	June 13	= $8^h04.4^m$ a.m.
L.m.t. of observation	June 12	= 9^h45^m p.m.
Hour angle		= $10^h19.4^m$
Azimuth of Polaris		= 0°38' E.

June 13, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Polaris 38 minutes to the west and mark the meridian thus determined by a tack in a peg set in the ground, 5 chs. N. of my station.

At this point, I determine the lat. of my station by observing the sun at its highest point at apparent noon. Mean of two angles to sun's upper limb is 71°27'30"; decl. at time of obsn. is 23°13'17" N.; resulting lat. is 42°02' N.

At 9^h56^m p.m., l.m.t., I observe Pol. and mark the line thus determined by a tack driven in a wooden peg set in the ground 5 chs. N. of my station.

L.m.t. of upper culmination	June 14	= $8^h00.5^m$ a.m.
L.m.t. of obsn.	June 13	= $9^h56.0^m$ p.m.
Hour angle		= $10^h04.5^m$
Azimuth of Pol.		= 43' E.

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

June 14, 1917: At 8^h00^m a.m., l.m.t., I lay off the azimuth of Pol. 43 minutes to the west, and mark the meridian thus determined by a tack in the peg previously set, on which the meridian falls 0.20 ins. W. of the mark determined by the Pol. obsn. of June 12, 1917.

The two observations on Pol. determine positions for the meridian within 2 minutes of arc of each other.

I adopt the mean of the two determinations as the true meridian and prolong the same throughout the survey by sustained angulation.

The mag. bearing of the true mer. at this cor. at 8^h00^m a.m., is N. 20°40' W., the angle thus determined gives the mag. decl. as 20°40' E.

The mean mag. decl. is 20°34' E.

ROAD EXEMPTION

June 14, 1917: Preliminary to establishing the boundaries of the road exemption, I lay down the center traverse to conform with the ground, thus eliminating six corners and simplifying the survey. At each angle point I lay off an offset in the direction of the bisectrix of the angle between the courses, a distance equal to the half width of the exempted strip multiplied by the cosecant of the half angle, and thus obtain the angle points of the road boundaries, which I establish as hereinafter recorded. The terminal road corners on the boundaries of the tracts are similarly laid down from the center traverse with respect to the entire angles included between the terminal courses of the traverse and the respective boundaries.

RETRACEMENTS

June 13, 1917: Preliminary to the survey of this Homestead Entry I make the following retracements:

Beginning at the point for the cor. of Ts. 40 & 41 S., R. 12 W. on the range line bet. Rs. 12 and 13 W. The Tp. cor. which is described by the Surveyor General as a post, cannot be found. The only evidence is a fir tree 22 ins. dia. mkd. T. 41 S., R. 13 W., S. 12 B T on SE. face. I consider this tree the same as that referred to by the Surveyor General as a fir tree 18 ins. dia., which bears N. 50° W., 11 lks. dist. from the original twp. cor. I, therefore, set the tp. cor. by running S. 50°00' E. 11 lks. from this tree, set a sandstone boulder, 24 x 6 x 4 ins., 18 ins. in the ground, over a stone mkd. with a cross, for the tp. cor. with 6 notches on N., S. and E. edges mkd. SC on N. face, - from which -

A fir, 22 ins. dia., bears N. 50°00' W., 11 lks. dist., mkd. T 41 S R 13 W S 12 BT. (original)

A maple, 6 ins. dia., bears N. 57°15' E., 34 lks. dist., mkd. T 40 S R 12 W S 31 BT (new)

A maple, 4 ins. dia., bears S. 39°15' E., 48 lks. dist., mkd. T 41 S R 12 W S 6 B T (new).

Thence

East (recorded bearing) retracing the 9th Standard Parallel South

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
81.33	Fall 52 lks. S. of the point for the std. 1/4 sec. cor. of secs. 6 and 31.
	The std. 1/4 sec. cor. is described by the Surveyor General as being witnessed by two maple trees. The only evidence is a maple tree 48 ins. dia., mkd. T 40 S R 12 W S 31 BT on the SE. face. I consider this tree the same as that referred to by the Surveyor General as a maple 32 ins. dia., which bears N. 60°00' W. 4 lks. dist. from the original std. 1/4 sec. cor. I therefore set the std. 1/4 sec. cor. by running S. 60°00' E. 4 lks. from this tree.
	Set a sandstone 24 x 8 x 5 ins. 18 ins. in the ground, over a stone mkd. with a cross for the std. 1/4 sec. cor. of secs. 31 and 6 mkd. SC 1/4 on N. face, - from which
	A maple, 48 ins. dia., bears N. 60°00' W., 4 lks. dist., mkd. SC 1/4 S 31 T 40 S R 12 W BT (Original)
	A maple, 14 ins. dia., bears S. 89°00' W., 91 lks. dist., mkd. SC 1/4 S 6 T 41 S R 12 W BT (New)
	(The true bearing and length of this line is N. 89°38' E. 81.33 chs.)
	From the cor. of Ts. 40 & 41 S., R. 12 W., heretofore described, thence
	North (recorded bearing) retracing the line bet. Rs. 12 and 13 W.
14.90	Fall 12 lks. E. of the point for the 1/4 sec. cor. on E. bdy. sec. 12, as evidenced by original B.T's.
	I locate the true point for the 1/4 sec. cor. from the bearing trees as described by the Surveyor General and reestablish the 1/4 sec. cor. as follows:
	Set a tan oak post 4 x 4 x 36 ins. 24 ins. in the ground, over a stone mkd. with a cross for the 1/4 sec. cor. of sec. 12 mkd. 1/4 S 12 on W. face, - from which -
	A fir stub, 24 ins. dia., bears N. 55°00' W., 30 lks. dist., mkd. 1/4 S 12 T 41 S R 13 W BT. (Original)
	A fir stub, 20 ins. dia., bears S. 32°00' E., 22 lks. dist., mkd. 1/4 S 7 T 40 S R 12 W BT. (Original)
	A tan oak, 5 ins. dia., bears S. 12°45' W., 23 lks. dist., mkd. 1/4 S 12 T 41 S R 13 W BT. (New)
	A tan oak, 8 ins. dia., bears N. 78°30' W., 41 lks. dist., mkd. 1/4 S 12 T 41 S R 13 W BT. (New)
	(The true bearing and length of this line is N. 0°28' W., 14.90 chs.)
	June 13, 1917.

H.E.S. No. 209

TRACT A.

All listing cors. referred to herein are properly identified, being mkd. and witnessed as described by the Forest Service in the listing survey.

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	June 14, 1917: Beginning at point for Cor. No. 1 of this survey, identical with the std. cor. of Ts. 40 and 41 S., R. 12 W., heretofore described, which I adopt for Cor. No. 1 of this survey, mark it with a cross on top and alongside set a basalt stone, 24 x 10 x 4 ins., 14 ins. in the ground, mkd. 1 HES 209 on side facing the claim
	Thence
	N. 0°28' W. along Range line bet. Ranges 12 and 13 W.
	Over level ground through scattering timber
2.13	Jacks Creek, 8 lks. wide, course W.
2.43	Center line of C and O. L. Co's. logging railroad
3.00	Foot of slope ascend S. slope 50 ft.
6.44	To point for closing cor. and Cor. No. 2 of this survey identical with Cor. No. 1 of the listing survey, which I now destroy and in its place establish closing cor. and cor. No. 2 of this survey as follows:
	Set a basalt stone, 24 x 8 x 4 ins., 14 ins. in the ground, over a stone mkd. with a cross for closing cor. and Cor. No. 2 of this survey, mkd. CC on E. face and 2 HES 209 on side facing the claim, - from which -
	A tan oak, 8 ins. dia., bears N. 49°45' E., 18 lks. dist., mkd. XCC 2 HES 209 B T.
	A tan oak, 8 ins. dia., bears S. 15°15' W., 24 lks. dist., mkd. XCC 2 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/4 ft. dist. east of corner, and dig pits 24 x 18 x 12 ins., 3 ft. dist. N. and S. and 7 ft. dist. E. of corner.
	The 1/4 sec. cor. on E. bdy. sec. 12, heretofore described bears N. 0°28' W., 8.46 chs. dist.
	Thence
	S. 88°58' E. on a true line
	Along S. slope through timber and underbrush
9.95	To point for Cor. No. 3 of this survey, identical with Cor. No. 2 of the listing survey, which I now destroy and in its place establish
	Cor. No. 3 of this survey as follows:
	Set a granite stone, 24 x 8 x 5 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 3 of this survey, mkd. 3 HES 209 on side facing the claim, - from which -
	A myrtle, 5 ins. dia., bears N. 83°45' W., 28 lks. dist., mkd. X 3 HES 209 B T.
	A fir, 40 ins. dia., bears N. 55°45' W., 9 lks. dist., mkd. X 3 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist. within the claim.
	June 14, 1917.

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	June 15, 1917.
	From Cor. No. 3 of this survey, above described, thence
	N. 1°21' E. on a true line
	Ascend S. slope 20 ft. through scattering timber and underbrush
0.78	To angle point on south side road exemption, which I establish as
	Cor. No. 4 of this survey, as follows:
	Set a sandstone stone, 24 x 10 x 6 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 4 of this survey, mkd. 4 HES 209 on side facing the claim, - from which -
	A fir, 30 ins. dia., bears N. 79°45' E., 20 lks. dist., mkd. X 4 HES 209 B T.
	A fir, 24 ins. dia., bears N. 27°00' W., 32 lks. dist., mkd. X 4 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	S. 79°00' E. on a true line along south side road exemption
	Along SW. slope through timber and underbrush
6.95	To angle point, which I establish as
	Cor. No. 5 of this survey as follows:
	Set a sandstone stone, 24 x 8 x 8 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 5 of this survey, mkd. 5 HES 209 on side facing the claim, - from which -
	A fir, 36 ins. dia., bears S. 43°00' W., 6 lks. dist., mkd. X 5 HES 209 B T.
	A fir, 18 ins. dia., bears S. 85°00' E., 47 lks. dist., mkd. X 5 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	N. 74°19' E. on a true line along south side road exemption.
	Along SE. slope through scattering timber and underbrush.
13.03	To angle point, which I establish as
	Cor. No. 6 of this survey as follows:
	Mark a maple tree, 24 ins. dia., for Cor. No. 6 of this survey, 6 HES 209 on side facing the claim, - from which -
	A fir, 9 ins. dia., bears S. 10°40' W., 19 lks. dist., mkd. X 6 HES 209 B T.

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	A maple, 20 ins. dia., bears N. 70°50' E., 28 lks. dist., mkd. X 6 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	S. 1°55' W. on a true line
	Descend S. slope 70 ft. through timber and underbrush
3.10	Foot of slope, over level bottom land.
3.30	Jacks Creek, 8 lks. wide, course W.
4.50	Foot of slope ascend N. slope 100 ft.
9.00	To point for closing cor. and Cor. No. 7 of this survey
	Intersect the 9th Standard Parallel South at a point N. 89°38' E., 28.99 chs. dist. from the tp. cor. of Tps. 40 and 41 S., R. 12 W., heretofore described and S. 89°38' W. 52.34 chs. dist. from the 1/4 sec. cor. bet. secs. 6 and 31, heretofore described
	At point of intersection I establish
	Closing cor. and Cor. No. 7 of this survey as follows:
	Set a sandstone, 24 x 6 x 4 ins., 14 ins. in the ground, over a stone mkd. with a cross for closing corner and Cor. No. 7 of this survey, mkd. CC on N. face and 7 HES 209 on side facing the claim, - from which -
	A hemlock, 4 ins. dia., bears N. 72°00' W., 49 lks. dist., mkd. XCC 7 HES 209 B T.
	An alder, 8 ins. dia., bears N. 79°30' E., 44 lks. dist., mkd. XCC 7 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/4 ft. dist. on line N. of corner and dig pits 24 x 18 x 12 ins., 3 ft. dist. E. and W. and 7 ft. dist. N. of corner.
	Cor. No. 5 of the listing survey, which is a fir post 3 x 3 x 30 ins. above ground, bears S. 1°55' W. 0.08 chs. dist. I destroy the listing cor. and its accessories.
	From closing cor. and Cor. No. 7 of this survey, above described, thence
	S. 89°38' W. on a true line along the 9th Standard Parallel South.
	Descend gradual NW. slope 100 ft., through scattering timber.
28.99	To Cor. No. 1 of this survey, heretofore described, the place of beginning.
	TRACT B.
	June 15, 1917: Beginning at angle point on north bdy. of road exemption which I establish as

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON

CHAINS	
	Cor. No. 8 of this survey as follows:
	Set a sandstone stone, 24 x 6 x 4 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 8 of this survey, mkd. 8 HES 209 on side facing the claim, - from which -
	A hemlock, 12 ins. dia., bears S. 71°00' E., 22 lks. dist., mkd. X 8 HES 209 B T.
	A hemlock, 15 ins. dia., bears N. 63°00' E., 38 lks. dist., mkd. X 8 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Cor. No. 6 Tract A, heretofore described, bears S. 1°55' W., 0.52 chs. dist.
	Thence
	S. 74°19' W. on a true line along north side road exemption
	Along SE. slope through scattering timber and underbrush
13.07	To angle point which I establish as
	Cor. No. 9 of this survey as follows:
	Set a sandstone, 24 x 8 x 4 ins., 14 ins. in the ground, over a stone, mkd. with a cross for Cor. No. 9 of this survey, mkd. 9 HES 209 on side facing the claim, - from which -
	An alder, 9 ins. dia., bears N. 7°00' W., 8 lks. dist., mkd. X 9 HES 209 B T.
	An alder, 9 ins. dia., bears N. 20°00' E., 12 lks. dist., mkd. X 9 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	N. 79°00' W. on a true line along north side road exemption
	Along SW. slope, through scattering timber and underbrush
6.91	To angle point which I establish as
	Cor. No. 10 of this survey as follows:
	Set a sandstone, 24 x 10 x 8 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 10 of this survey, mkd. 10 HES 209 on side facing the claim, - from which -
	A fir, 24 ins. dia., bears S. 28°15' W., 28 lks. dist., mkd. X 10 HES 209 B T.
	A fir, 20 ins. dia., bears N. 28°30' W., 16 lks. dist., mkd. X 10 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Cor. No. 4, Tract A, heretofore described, bears S. 1°21' W., 0.51 chs. dist.
	June 15, 1917.

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	June 16, 1917:
	From Cor. No. 10 of this survey, above described, thence
	N. 1°21' E. on a true line
	Ascend S. slope 200 ft. through scattering timber and underbrush
29.94	To point for Cor. No. 11 of this survey, identical with point for Cor. No. 3 of the listing survey and Cor. No. 4 of H.E.S. No. 210, which is a sandstone 10 x 8 x 4 ins. above ground, firmly set, mkd. and witnessed as described in the field notes of H.E.S. No. 210.
	I adopt this corner for
	Cor. No. 11 of this survey and mark it 11 HES 209 on side facing the claim
	From the X on top,
	A myrtle, 6 ins. dia., bears N. 15°00' W., 79 lks. dist., mkd. X 11 HES 209 B T.
	A myrtle, 6 ins. dia., bears N. 39°30' W., 71 lks. dist., mkd. X 11 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Thence
	S. 88°35' E. on a true line along line 4 - 3 of H.E.S. No. 210
	Along south slope through scattering timber
19.59	To angle point which I establish as
	Cor. No. 12 of this survey as follows:
	Set a sandstone, 24 x 10 x 8 ins., 14 ins. in the ground, over a stone mkd. with a cross for Cor. No. 12 of this survey, mkd. 12 HES 209 on side facing the claim, - from which -
	A tan oak, 6 ins. dia., bears S. 72°00' W., 3 lks. dist., mkd. X 12 HES 209 B T.
	A tan oak, 6 ins. dia., bears S. 28°45' E., 32 lks. dist., mkd. X 12 HES 209 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	Cor. No. 3 of H.E.S. No. 210, which is a sandstone, 10 x 8 x 6 ins. above ground, firmly set, mkd. and witnessed as described in the field notes of H.E.S. No. 210, bears S. 88°35' E., 9.79 chs. dist.
	Cor. No. 4 of the listing survey, which I now destroy bears N. 1°55' E., 0.05 chs. dist.
	From Cor. No. 12 of this survey,
	Thence

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	S. 1°55' W. on a true line
	Descend south slope 200 ft. through scattering timber
27.29	To cor. No. 8 of this survey, heretofore described, the place of beginning.

AREAS

Area of Tract A	19.55 acres
Area of Tract B	57.65 "
Total area of H.E.S. No. 209	77.20 "
Area Tract C, Road Exemption (unlisted land)	1.00 acres

IMPROVEMENTS

	Value
Frame house, 16 x 20 ft., course of longsides E. & W. the NW. cor. of which bears S. 54° 20' E. 3.95 chs. dist. from Cor. No. 3	$250.00
Log barn 25 x 32 ft., course of longsides N. and S., the NW. cor. of which bears S. 55° 04' E. 4.65 chs. dist. from Cor. No. 3	$ 75.00
6 acres cultivated land	$600.00
Total value of improvements	$925.00

GENERAL DESCRIPTION.

The area within the boundaries of this homestead has a general S. slope.

The soil is first-rate, capable of raising profitable crops of all kinds.

Water for domestic use is obtained from a spring near the house.

Jacks Creek runs through the claim.

The character of the land is non-mineral.

The nearest post office and source of supplies is Harbor, Oregon, about 6 miles to the NW., reached by wagon road.

The nearest railroad point is Eureka, Cal., about 120 miles to the south on the Southern Pacific Ry.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts.

H.E.S. No. 210, approved survey, joins the claim on the north.

LOCATION

This homestead is located in unsurveyed sec. 31, T. 40 S., R. 12 W., W.M., Oregon.

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

REPORT

The survey of this homestead embraces an area wholly confined within the listed and entered descriptions.

The disagreements between these field notes and the listed and entered descriptions regarding the bearings and distances are due to errors in the latter.

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

BOUNDARIES OF H.E.S. No. 209

TRACT A.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N. 0°28'W.	6.44	6.44	..	..	.05
S.88°58'E.	9.95	..	0.18	9.95	..
N. 1°21'E.	.78	.78	..	.02	..
S.79°00'E.	6.95	..	1.33	6.82	..
N.74°19'E.	13.03	3.52	..	12.54	..
S. 1°55'W.	9.00	..	8.99	..	.30
S.89°58'W.	28.99	..	0.19	..	28.99
	75.14	10.74	10.69	29.33	29.34

Error in lat. = 5 lks.
Error in dep. = 1 lk.
Error of closure = 1:1473

TRACT B

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
S.74°19'W.	13.07	..	3.53	..	12.58
N.79°00'W.	6.91	1.32	..	..	6.78
N. 1°21'E.	29.94	29.93	..	.71	..
S.88°35'E.	19.59	..	0.48	19.58	..
S. 1°55'W.	27.29	..	27.27	..	.91
	96.80	31.25	31.28	20.29	20.27

Error in lat. = 3 lks.
Error in dep. = 2 lks.
Error of closure = 1:2685

TRACT C
(Road Exemption) Unlisted Land

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
N. 1°21'E.	0.51	.51	..	.01	..
S.79°00'E.	6.91	..	1.32	6.78	..
N.74°19'E.	13.07	3.53	..	12.58	..
S. 1°55'W.	.52	..	.52	..	.02
S.74°19'W.	13.03	..	3.52	..	12.54
N.79°00'W.	6.95	1.33	..	..	6.82
	40.99	5.37	5.36	19.37	19.38

Error in lat. = 0 lks.
Error in dep. = 1 lk.
Error of closure = 1:2898

June 16, 1917.

(signed) Ben A. Eddy
Forest Ranger,
F.S.

HOMESTEAD ENTRY SURVEY NO. 209 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, Apr. 30, 1919

The foregoing field notes of Homestead Entry Survey No. 209 located in section 31, unsurveyed, township 40 S., range 12 W., W.M., within the Siskiyou National Forest, State of Oregon,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated January 31, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL)

(signed) Edward G. Worth
U. S. Surveyor General

CHAINS			

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 210.
SITUATED IN THE
SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6.

In Section 31, unsurveyed, Township 40 S., Range 12 W.

ORIGINAL

of the
Willamette Meridian.

State of
Oregon

Applicant for listing Raymond Freeman,

Residence Harbor, Oregon.

Application No. 358, dated March 9, 1914.

List No. 6-1357, dated May 28, 1914.

Applicant for survey Raymond Freeman,

Residence Harbor, Oregon.

H. E. 09769, dated November 25, 1914.

Land Office: Roseburg, Oregon.

Survey executed by Ben A. Eddy, Forest Ranger.

Under special instructions dated January 31, 1917.

Survey commenced June 10, 1917.

Survey completed June 11, 1917.

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

ACCEPTED BY THE HON. COMMISSIONER G. L. O. March 28, 1919.

CHAINS

OATH OF ASSISTANTS

We hereby cerify that we assisted Ben A. Eddy, Forest Ranger, in surveying all those parts or portions of Homestead Entry Survey No. 210, 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.

Axeman- (signed) Harry Brown

Chainman- (signed) N. W. Collins

Subscribed and sworn to before me this 22 day of June, 1917.

(signed) Ben A. Eddy

Forest Ranger

OATH OF SURVEYOR

I, Ben A. Eddy, Forest Ranger, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 31, 1917, 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. 6-1357, dated May 28, 1914, for patent, under the Act. of June 11, 1906, the same to be known as Homestead Entry Survey No. 210, situated in the Siskiyou National Forest, in unsurveyed Section 31, Township 40 S., Range 12 W., 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.

(signed) Ben A. Eddy

Forest Ranger

Subscribed and sworn to before me this 14th day of December, 1917.

(SEAL)

(signed) Georgene L. Miller

Notary Public

My commission expires March 8, 1921.

CHAINS

H.E.S. No. 210

SISKIYOU NATIONAL FOREST, OREGON,

Meridian calculations at cor. No. 4 on June 10, 1917.

Latitude: 42° 02' N.

Longitude: 124° 10' W.= $8^h16^m40^s$= 8.28 hrs west.

L.m.t. of obsn. 9^h30^m a.m., or 5.78 hrs. diff. from Grenwich noon.

Hourly change 11.82"
5.78
68.3196" = 1' 08.3"

Decl. at Greenwich noon 22° 59' 43.0"
1' 08.3"
23° 00' 51.3"

Vertical angle to sun's center, 50° 14'
Refraction & parallax corr. 00' 42"
50° 13' 18"

Use Formula Cos. A = $\frac{\text{sin. decl.}}{\text{cos.lat.x cos.alt.}}$ - tan. lat.x tan. alt.

= $\frac{\text{sin.23°00'51"}}{\text{cos.42°02' x cos.50°13'18"}}$ - tan.42°02' x tan. 50°13'18"

log.sin. 23°00'51" = 9.592131
colog.cos.42°02' = 0.129154
colog.cos.50°13'18" = 0.193943
9.915228

antilog. = .82267

log.tan.42°02' = 9.954946
log.tan.50°13'18" = 0.079601
0.034547

antilog. = 1.08280

.82267
1.08280
Cos. A. = .26013

A = 74°55'19"
Angle rt. from ref. point to sun= 21°50'
96°45'19"
Subtract from 180°00'00"

N. 83°14'41"E
= true bearing from cor. No. 4 to reference pt.

A = 74°55'19"= angle from sun to true south point.

CHAINS		

HOMESTEAD ENTRY SURVEY NO. 210 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Entryman: Raymond Freeman.

H.E.NO. 09769, dated November 25, 1914.

Land Office: Roseburg, Oregon.

Survey commenced June 10, 1917, and executed with a W. and L. E. Gurley light mountain transit No. 12985 with Burt 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 11, 1917.

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 direct observations of the sun, I proceed as follows:

June 10, 1917: At cor. No. 4 of this survey, hereinafter described, in latitude 42°02' N., hereinafter determined, longitude 124°10' W. as derived from an accurate and reliable map, I determine a true meridian by direct observation of the sun, using a peg firmly set in the ground, about 5 chs. east of my corner as a reference point. The data obtained are as follows:

L.m.t. of all obsns.	Vert. angle to sun's center	Horizontal angle rt. from ref. point to sun's center
	Telescope Direct	
9^h30^m a.m.	50°14'	21°50'
	50°58'	22°43'
	Telescope Reversed	
	51°37'	23°37'
	51°54'	23°58'

Solving the equation:

$$\text{Cos. A} = \frac{\text{sin.decl.}}{\text{cos.lat.x cos.alt.}} - \text{tan. lat. x tan. alt.}$$

with the above values gives N. 83°16' E. as the mean of the true bearings from cor. No. 4 to the reference point. From this I lay down the true meridian, marking the same by a tack in a peg firmly set in the ground, 5 chs. north of my corner, and maintain the same by sustained angulation.

At 10^h00^m a.m., l.m.t., I set off 42°02' N. on the lat. arc, 23°01' 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 the cor.; this mark falls 0.5 ins. east of the mer. established by the direct solar obsn.

June 10, 1917: At the above mentioned cor., I set off 23°01-1/2' N. on the decl. arc, and at 11^h59^m l.m.t., observe the sun on the mer.; the resulting latitude is 42°02' N.

HOMESTEAD ENTRY SURVEY NO. 210 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

At 2^h30^m p.m., l.m.t., I set off 42°02' N. on the lat. arc, 23°02' 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 the cor.; this mark falls 0.2 ins. east of the mer. established by the direct solar obsn.

The mag. bearing of the true mer. at this cor. at 8^h00^m a.m. is N. 20°40' W.; the angle thus determined gives the mag. decl. 20°40' E.; the mean mag. decl. is 20°34' E.

The solar apparatus by a.m. and p.m. obsns. defines positions for the mer. within 2 minutes of arc of the mer. established by the Pol. obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.

TIE LINE.

June 10, 1917: Preliminary to the survey of this homestead entry, I make the following connection:

Beginning at cor. No. 1 of this survey, hereinafter described, thence I run by traverse

S. 54°40' W., 4.85 chs.

S. 56°30' W., 3.87 chs.

S. 68°00' W., 2.02 chs.

S. 52°17' W., 1.92 chs. to the point for the cor. of secs. 1 and 12, T. 41 S., R. 13 W., as evidenced by the bearing tree S. 30°00' E., 34 lks.

The corner cannot be found. The only remaining evidence is a chinquapin tree marked T 41 S R 12 W S 7 B T. I therefore consider this tree as that referred to in the Surveyor General's notes as a chinquapin 22 ins. dia., which bears S. 30°00' E., 34 lks. dist. from the original corner. I reset the corner by running N. 30°00' W., 34 lks. from this tree.

Set a sandstone 24 x 6 x 6 ins., 18 ins. in the ground, over a stone marked with a cross for cor. of secs. 1 and 12, marked with 5 notches on the south face and 1 notch on the north face; -from which -

A fir, 14 ins. dia., bears S. 33°45' W., 46 lks. dist., marked T 41 S R 12 W S 12 B T (new B.T.).

A fir, 6 ins. dia., bears N. 55°00' W., 28 lks. dist., marked T 41 S R 12 W S 1 BT (new B.T.).

The true bearing and length of this line is S. 57°00' W., 12.62 chs. as determined by calculation.

		Latitudes		Departures	
Bearing	Distance	North	South	East	West
S.54°40'W.	4.85	..	2.80	..	3.96
S.56°30'W.	3.87	..	2.14	..	3.23
S.68°00'W.	2.02	..	0.76	..	1.87
S.52°17'W.	1.92	..	1.17	..	1.52
			6.87		10.58
Calculated course					
N.57°00'E.	12.62	6.87		10.58	
		6.87	6.87	10.58	10.58

HOMESTEAD ENTRY SURVEY NO. 210 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

$\frac{10.58}{6.87}$=tan angle. $\frac{10.58}{\sin.57°00'}$ = distance

---

H.E.S. No. 210.

All listing cors. referred to herein are properly identified, being marked and witnessed as described by the Forest Service in the listing survey.

June 10, 1917: Beginning at listing cor. No. 3, which I now destroy and in place establish cor. No. 1 of this survey as follows:

Set a tan oak post, 4 x 4 x 36 ins., 24 ins. in the ground, over a stone marked with a cross for cor. No. 1 of this survey, marked 1 HES 210 on side facing the claim; - from which -

A tan oak, 5 ins. dia., bears N. 33°45' E., 15 lks. dist., marked X 1 HES 210 B T.

A cascara, 4 ins. dia., bears S. 55°15' W., 40 lks. dist., marked X 1 HES 210 B T.

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

No suitable stone available.

The cor. of secs. 1 and 12, heretofore described, bears S. 57°00' W., 12.62 chs.

Thence

S. 88°22' E.

Descend northeast slope, through scattering timber.

25.00 Creek, 5 lks. wide, course southeast, 80 ft. below Cor. 1

29.88 To cor. No. 2 of the listing survey, 50 ft. below Cor. No. 1 of this survey. I now destroy cor. No. 2 of the listing survey and in its place establish cor. No. 2 of this survey as follows:

Set a sandstone, 24 x 8 x 4 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 2 of this survey, marked 2 HES 210 on side facing the claim; - from which -

A tan oak, 10 ins. dia., bears N. 68°00' W., 30 lks. dist., marked X 2 HES 210 B T.

A myrtle, 8 ins. dia., bears S. 67°45' E., 50 lks. dist., marked X 2 HES 210 B T.

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

June 10, 1917.

June 11, 1917: From cor. No. 2 of this survey, heretofore described,

S. 1°25' W.

Descend south s lope, through scattering timber.

HOMESTEAD ENTRY SURVEY NO. 210 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
3.02	Creek, 5 lks. wide, course east 30 ft. below cor. No. 2. Ascend north slope.
15.80	Top of slope, 80 ft. above creek, over level ground.
24.13	To cor. No. 1 of the listing survey, which I now destroy and in its place establish cor. No. 3 of this survey as follows:
	Set a sandstone, 24 x 8 x 6 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 3 of this survey, marked 3 HES 210 on side facing the claim; - from which -
	A hemlock, 5 ins. dia., bears N. 60°00' W., 35 lks. dist., marked X 3 HES 210 B T.
	A tan oak, 5 ins. dia., bears S. 28°00' E., 17 lks. dist., marked X 3 HES 210 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.
	June 11, 1917: At the above mentioned cor., I set off 23°06' N. on the decl. arc, and at 11^h59^m 1.m.t., obs. the sun on the mer.; the resulting lat. is 42°02' N.

	Thence
	N. 88°35' W.
	Along south slope, through scattering timber and brush.
9.78	Cor. No. 4 of list No. 6-1282 bears north 5 lks. dist. Thence along north part of list No. 6-1282.
29.38	To cor. No. 4 of the listing survey, identical with cor. No. 3 of List 6-1282, which I now destroy and in its place establish cor. No. 4 of this survey as follows:
	Set a sandstone, 24 x 8 x 4 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 4 of this survey, marked 4 HES 210 on side facing the claim; - from which -
	A myrtle, 6 ins. dia., bears N. 15°00' W., 79 lks. dist., marked X 4 HES 210 B T.
	A myrtle, 6 ins. dia., bears N. 39°30' W., 71 lks. dist., marked X 4 HES 210 B T.
	Raise a mound of earth, 4 ft. base, 2 ft. high, 3-1/2 ft. dist., within the claim.

	Thence
	N. 0°14' E.
	Over level land, through scattering timber and underbrush.
24.25	To cor. No. 1, the place of beginning.

	AREA
	Total area of H.E.S. No. 210, 71.65 acres.

HOMESTEAD ENTRY SURVEY NO. 210 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

IMPROVEMENTS.

	Value
Log cabin, 12x15 ft., longsides north and south, the southwest cor. of which bears N. 78°11' E., 5.76 chs. dist. from cor. No. 4,	$ 40.00
Log shed, 15x19 ft., longsides north and south, the southwest cor. of which bears N. 76°35' E., 6.89 chs. dist. from cor. No. 4,	20.00
2 acres cultivated land,	200.00
Total value of improvements,	$260.00

GENERAL DESCRIPTION.

The area within the boundaries of this homestead is high land, having a general east slope. The soil is first-rate, capable of raising profitable crops of all kinds.

The character of the land is non-mineral.

Harbor, Oregon, post office, is about 10 miles to the northwest, and Smith River, California, is about 12 miles to the south.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts.

List No. 6-1282, unsurveyed H.E.S. No. 209, joins the claim on the south.

LOCATION.

This homestead is located in unsurveyed Sec. 31, T. 40 S., R. 12 W., Willamette Meridian, Oregon.

REPORT.

The survey of this homestead embraces an area wholly confined within the listed and entered descriptions.

The disagreements between these field notes and the listed and entered descriptions regarding the bearings, distances and area, are due to errors in the latter. 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. 210 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

BOUNDARIES OF H.E.S. No. 210.

Bearing	Distance	Latitudes North	Latitudes South	Departures East	Departures West
S.88°22'E.	29.88	..	0.85	29.87	..
S. 1°25'W.	24.13	..	24.12	..	0.60
N.88°35'W.	29.38	0.73	..	..	29.37
N. 0°14'E.	24.25	24.25	..	0.10	..
	107.64	24.98	24.97	29.97	29.97

Error in lat. = 1 1k.
Error in dep. = 0 1ks.
Error of closure = 1:10764

June 11, 1917.

(signed) Ben A. Eddy
Forest Ranger.

HOMESTEAD ENTRY SURVEY NO. 210 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
September 30, 1918

The foregoing field notes of Homestead Entry Survey No. 210, located in sec. 31, unsurveyed, T. 40 S., R. 12 W., Willamette Meridian, State of Oregon, within the Siskiyou National Forest,

executed by Ben A. Eddy, Forest Ranger, under his special instructions, dated January 31, 1917, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL)

(signed) Edward G. Worth
U. S. Surveyor
General

CHAINS		

CHAINS

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 183
SITUATED IN THE SISKIYOU NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 6.
In Section 5, surveyed, Township 41 S., Range 12 W.

of the
Willamette Meridian.
State of
Oregon

Applicant for listing J. F. Sorber,

Residence Smith River, California.

Application No. 324, dated July 10, 1913.

List. No. 6-1175, dated January 9, 1914.

Applicant for survey John G. Goings,

Residence Harbor, Oregon.

H. E. No. 09529, dated June 5, 1914.

Land Office: Roseburg, Oregon.

Survey executed by H. F. Mader, Surveyor-Draftsman

Under special instructions dated January 17, 1916.

Survey commenced October 14, 1916.

Survey completed October 24, 1916.

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

ACCEPTED BY THE HON. COMMISSIONER G. L. O. November 6, 1917

CHAINS

OATH OF ASSISTANTS

We hereby certify that we assisted H. F. Mader, Surveyor-Draftsman, in surveying all those parts or portions of Homestead Entry Survey No. 183, 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

Chainman, (signed) J. F. Campbell
Chainman
Axeman, (signed) Wm. E. Kennedy
Axeman
Axeman, (signed) A. H. Krawes
Axeman
Flagman, (signed) Clyde Goings
Flagman

Subscribed and sworn to before me this 24th day of October, 1916.

(signed) H. F. Mader
Surveyor-Draftsman.

OATH OF SURVEYOR

I, H. F. Mader, Surveyor-Draftsman, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Oregon, dated January 17, 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. 6-1175, dated January 9, 1914, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 183, situated within the Siskiyou National Forest, in surveyed Section 5, Township 41 S., Range 12 W., 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.

(signed) H. F. Mader
Surveyor-Draftsman.

Subscirbed and sworn to before me this 4th day of January, 1917.

(SEAL) (signed) Georgene L. Miller
Notary Public

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

Entryman: John G. Goings

H.E.No. 09529, dated June 5, 1914.

Land Office: - Roseburg, Oregon

Survey commenced October 14, 1916, and executed with a W. & L. E. Gurley light mountain transit No. 12933 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, August 8, 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:

October 14, 1916: At cor. No. 1 of the Homestead Entry survey, hereinafter described which is identical with the cor. of secs. 5, 6, 7 and 8, T. 41 S., R. 12 W., Willamette meridian, lat. 42°01' N., long. 124°10' W. (from blue print accompanying special instructions and later verified); I set off 42°01' N. on the lat. arc; 8°16' S. on the decl. arc., and at 3 p.m., l.m.t. determine a meridian with the solar and mark a point thereof on a peg firmly set in the ground, 5 chs. N. of the cor.

At 6^h02^m p.m., l.m.t., I obs. Pol. at E. elong. and mark a point in the line thus determined on a peg driven in the ground, 5 chs. N. of the cor.

October 14, 1916.

October 15, 1916: At 7:30 a.m., l.m.t., I lay off the azimuth of Polaris 1°32' to the W. and mark the mer. thus determined by a tack in the peg set on October 14, on which the mer. falls 0.2 ins. E. of the mark determined by the solar.

At 9 a.m., l.m.t., I set off 42°01' N. on the lat. arc; 8°33' S. 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. N. of my station; this mark falls 0.25 ins. E. of the mer. established by the Pol. obsn.

October 15, 1916: At the above mentioned cor., I set off 8°36' S. on the decl. arc, and at 11^h46^m l.m.t., obs. the sun on the mer.; the resulting lat. is 42°01' N.; long. 124°10' W.

The mag. bearing of the true mer. at this cor. at 3 a.m. is N. 20°25' W.; the angle thus determined gives the mag. decl. 20°25' E. The mean mag. decl. is 20°22' E.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	RETRACEMENTS AND RESURVEYS.
	October 15, 1916: Preliminary to the survey of this Homestead Entry, I make the following retracements and resurveys.
	Commencing at the cor. secs. 5, 6, 7 and 8, T. 41 S., R. 12 W., which is a basalt stone 6x8x6 ins. above ground, firmly set, mkd. with 5 notches on the S. and E. edges; - from which -
	A fir tree 36 ins. dia. bears N. 1°00' W., 169 lks. dist., mkd. T 41 S., R 12 W S 6 B T
	A fir 40 ins. dia. bears N. 48°00' E., 50 lks. dist., mkd. T 41 S R 12 W S 5 B T.
	A redwood 60 ins. dia. bears S. 42° E., 63 lks. dist., mkd. T 41 S R 12 W S 8 B T
	Note: Original field notes describe this cor. as a post. The ranchers in this vicinity state that the post was replaced by the stone during the recent California-Oregon boundary retracement.
	I run
	N. (recorded bearing), retracing line bet. secs. 5 and 6,
40.00	Make diligent search for the 1/4 sec. cor. bet. secs. 5 and 6. No evidences of the old cor. found.
78.52	Fall 2.49 chs. W. of cor. of secs. 31, 32, 5 and 6, Ts. 40 and 41 S., R. 12 W., Willamette mer., which is a fir post 5 ins. sq. 2 ft. above ground, firmly set, mkd. S 32 T 40 S R 12 W on NE. face; S 5 T 41 S R 12 W on SE. face; S 6 T 41 S R 12 W on SW. face; and S 31 T 40 S R 12 W on NW. face; - from which -
	A chinquapin oak 10 ins. dia. bears N. 24°00' E., 33 lks. dist., properly mkd. (original)
	A fir 20 ins. dia. bears S. 74°15' E., 33 lks. dist., mkd. T 41 S R 12 W S 5 B T (new)
	A fir 28 ins. dia. bears S. 50°00' W., 24 lks. dist., properly mkd. (original)
	A fir 14 ins. dia. bears N. 29°30' W., 50 lks. dist., mkd. T 40 S R 12 W S 31 B T (new)
	Note: Old bearing trees in secs. 5 and 31 are rotted and down.
	(The true bearing and length of this line is N. 1°49' E., 78.56 chs.)
	October 15, 1916.
	October 16, 1916: Returning to cor. of secs. 5, 6, 7 and 8, I run
	N. 1°49' E. on a true line bet. secs. 5 and 6.
19.64	(Proportional measurement) Set a temporary stake for the 1/16 sec. cor. on line bet. secs. 5 and 6 and cor. No. 2 of this survey.
39.28	(Proportional measurement) Set a basalt stone 24x10x6 ins., 18 ins. in ground for 1/4 sec. cor. bet. secs. 5 and 6, mkd. 1/4 on west face; - from which -

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	A hemlock 8 ins. dia. bears N. 19°30' W., 41 lks. dist., marked 1/4 S 6 B T
	No trees within limits in sec. 5.
	Raise a mound of stone 2 ft. base, 1½ ft. high, west of cor.
	Sky overcast at noon; unable to obs. sun for lat.
	From cor. of secs. 31, 32, 5 and 6, heretofore described, I run
	East on the ninth parallel along south bdy. of sec. 32.
40.16	Intersect the true point for 1/4 sec. cor. bet. secs. 5 and 32, as evidenced by the bearing trees and indications of old post in ground.
	At exact corner point
	For standard 1/4 sec. cor. bet. 5 and 32, set a basalt stone 24x6x6 ins., 18 ins. in the ground, mkd. S C 1/4 on north face; - from which -
	A myrtle 5 ins. dia. bears N. 36°00' E., 48 lks. dist., mkd. S C 1/4 S 32 B T (new)
	A fir 26 ins. dia. bears S. 40°30' E., 86 lks. dist., mkd. S C 1/4 S 5 B T (new)
	Note: The original bearing trees are badly rotted and deteriorated.
	October 16, 1916.
	October 17, 1916: From cor. of secs. 5, 6, 7 and 8, I run
	N. 89°45' E. (recorded bearing) retracing the line bet. secs. 5 and 8
39.58	Fall 47 lks. S. 0°15' E. of ¼ sec. cor. bet. secs. 5 and 8, which is a redwood post 8 ins. sq., 30 ins. above ground, firmly set, mkd. ¼ on N. face; - from which -
	A fir 20 ins. dia., bears N. 27°30' W., 38 lks. dist., properly mkd. (original)
	A fir 28 ins. dia., bears S. 83°00' E., 67 lks. dist., mkd. ¼ S 8 B T (new)
	(The true bearing and length of this line is N. 89°04' E., 39.58 chs.)
	Thence I run
	S. 89°04' W. on a true line bet. secs. 5 and 8.
19.79	(Proportional measurement) Set a temporary stake for 1/16 sec. cor. on line bet. secs. 5 and 8, and for cor. No. 12 of this survey.
	From the ¼ sec. cor. bet. secs. 5 and 8, heretofore described, I run
	N. 89°45' E. (recorded bearing) retracing line bet. secs. 5 and 8.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

40.52 Fall 48 lks. S. 0°15' E. of the true point for cor. of secs. 4, 5, 8, and 9 as evidenced by bearing trees, as described by the Surveyor General, which are still standing but in a decaying condition.

For the cor. of secs. 4, 5, 8, and 9, I set a basalt stone 24x10x6 ins., 18 ins. in the ground, mkd. with 5 notches on the S. and 4 notches on the E. edges; - from which -

A fir 12 ins. dia., bears N. 41°15' E., 48 lks. dist., mkd. T41S R 12 W S 4 B T (new)

A fir 10 ins. dia., bears S. 43°30' E., 35 lks. dist., mkd. T 41 S R 12 W S 9 B T (new)

A fir 8 ins. dia., bears S. 57°00' W., 14 lks. dist., mkd. T41 S R 12 W S 8 B T (new)

A redwood 6 ins. dia., bears N. 21°30' W., 5 lks. dist., mkd. T 41 S R 12 W S 5 B T (new)

(The true bearing and length of this line is N. 89°04' E., 40.52 chs.)

No lat. obsn. possible on account of fog.

October 17, 1916.

October 18, 1916: From cor. of secs. 4, 5, 8 and 9, above described, I run

North (recorded bearing) retracing the line bet. secs. 4 and 5.

38.63 Fall 1.15 chs. W. of the true point for ¼ sec. cor. bet. secs. 4 and 5 as evidenced by old fir stub bearing tree.

For the ¼ sec. cor. bet. secs. 4 and 5, I set a conglomerate stone 24x10x8 ins., 10 ins. in ground to bedrock; in a mound of rock, 4 ft. base, 2 ft. high; - from which -

A fir stub, 40 ins. dia., bears S. 24°00' E., 192 lks. dist., badly deteriorated (original)

No other bearing trees within limits, pits impracticable.

Raise a mound of stone 2 ft. base, 2½ ft. high, W. of cor.

(The true bearing and length of this line is N. 1°42' E., 38.65 chs.)

From this cor. above described, I run

W. on a random line thru the center of sec. 5.

80.00 Fall 68 lks. N. of the ¼ sec. cor. bet. secs. 5 and 6, heretofore described.

(The true bearing and length of the latitudinal ¼ sec. line is S. 89°31' W., 80.00 chs.)

No lat. obsn. possible on account of fog.

October 18, 1916.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	October 19, 1916: From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8, heretofore described, I run
	North, on a random line through the center of sec. 5.
77.60	Fall 3.06 chs. W. of the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, heretofore described.
	(The true bearing and length of this longitudinal $\frac{1}{4}$ sec. line is N. 2°16' E., 77.94 chs.)
	Thence from this $\frac{1}{4}$ cor. above described, I run
	S. 2°16' W. along the longitudinal $\frac{1}{4}$ sec. line
38.96	Intersect the latitudinal $\frac{1}{4}$ sec. line S. 89°31' W., 40.12 chs. dist. from the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5, and N. 89°31' E., 39.88 chs. dist. from the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6.
	At point of intersection set a temporary stake for center of sec. 5.
	Thence I continue along longitudinal $\frac{1}{4}$ sec. line.
38.45	(Proportional measurement) Set a temporary stake for 1/16 sec. cor.
77.94	Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8, heretofore described.
	No lat. obsn. possible on account of fog.
	October 19, 1916.
	October 20, 1916: From the temporary stake set for center of sec. 5, I run
	S. 89°31' W. along the latitudinal $\frac{1}{4}$ sec. line.
19.94	(Proportional measurement) Set a temporary stake for 1/16 sec. cor.
39.88	Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6, heretofore described.
	Commencing at the temporary stake set for 1/16 sec. cor. on latitudinal $\frac{1}{4}$ sec. line, I run
	South on a random line through center of SW. $\frac{1}{4}$ sec. 5
39.11	Fall 1.39 chs. E. of temporary stake set for 1/16 sec. cor. and cor. No. 12 of this survey on line bet. secs. 5 and 8.
	(The true bearing and length of the longitudinal 1/16 sec. line is S. 2°02' W., 39.13 chs.)
	No lat. obsn. possible on account of fog.
	October 20, 1916.
	October 21, 1916: Commencing at the temporary stake set for 1/16 sec. cor. on the longitudinal $\frac{1}{4}$ sec. line, I run

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	West on a random line through center of the SW. ¼ of sec. 5.
39.75	Fall 50 lks. N. of the temporary stake set for 1/16 sec. cor. and cor. No. 2 on line bet. secs. 5 and 6.
	(The true bearing and length of this latitudinal 1/16 sec. line is S. 89°17' W., 39.75 chs.)
	Thence from this cor. above described, I run
	N. 89°17' E. along the latitudinal 1/16 sec. line.
19.89	Intersect the longitudinal 1/16 sec. line N. 2°02' E., 19.55 chs. dist. from temporary stake set for 1/16 sec. cor., and cor. No. 12 of this survey, on line bet. secs. 5 and 8, and S. 2°02' W., 19.58 chs. dist. from temporary stake set 1/16 sec. cor. on latitudinal ¼ sec. line.
	At point of intersection set a temporary stake for center of SW. ¼ of sec. 5 and cor. No. 22 of this survey.
	No lat. obsn. possible on account of fog.
	H.E.S. No. 183
	Commencing at cor. No. 1 of this survey, identical with cor. of secs. 5, 6, 7 and 8, heretofore described, I mark a cross on top for chaining point and alongside of cor. set a Forest Service iron post 3 ft. long, 2 ins. dia., with brass cap, mkd. 1 HES 183.
	Thence I run
	N. 1°49' E. on a true line along line bet. secs. 5 and 6, and E. bdy. of patented land
	Descend steep north slope, through redwood, fir and cedar timber and dense undergrowth.
3.64	Cross Wm. E. Kennedy's wood road, 15 lks. wide, bears northeast and southwest.
4.72	Spring branch 2 lks. wide, course west, 160 ft. below cor. No. 1.
	Ascend south slope through dense growth of alder 90 ft.
6.04	Cross Wm. E. Kennedy's wood road, 15 lks. wide, bears east and west.
8.40	Top of spur bears east and west.
	Descend steep north slope 210 ft., through young fir, redwood and oak timber and undergrowth.
13.95	Leave timber; enter clearing.
	Descend gradual slope 40 ft. along west edge of clearing.
18.90	Spring branch 1 lk. wide, course west.
19.64	Intersect the temporary stake set for 1/16 sec. cor. on line bet. secs. 5 and 6 and cor. No. 2 of this survey; which I destroy and in place

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Set a granite stone 24x6x8 ins. 14 ins. in the ground, over a stone mkd. with a cross for closing cor. and cor. No. 2 of this survey, mkd. C C on east face and 2 HES 183 on side facing the claim; - from which -
	A fir 10 ins. dia. bears N. 42°45' E., 187 lks. dist., mkd. X 2 HES 183 B T.
	An alder 6 ins. dia. bears N. 16°30' W., 83 lks. dist., mkd. X 2 HES 183 B T.
	Mound of stone impracticable.
	Note: The listing survey describes the beginning point of the road exemption "at a point 19.75 chs. north from the SW. cor. of sec. 5, thence E.," etc. It was the evident intention of the listing surveyor to make the road exemption identical with the existing road in use for about 35 years. The center of this road is 60 lks. to the N. of cor. No. 2. I, therefore, survey the road exemption as was intended by the District Forester.
	From this cor. the south bank of Winchuck River bears N. 3.00 chs. dist., course west.
	Thence I run
	N. 89°17' E. on a true line along the latitudinal 1/16 sec. line, and south bdy. of patented land.
	Ascend along west slope 45 ft. along north side of field.
1.20	Center of road 10 ft. wide, bears north and south.
1.35	Fence north and south; enter ploughed field.
2.50	Telephone line connecting Goings house with Forest Service line, bears north and south.
4.90	Top of small spur bears north and south.
	Descend along east slope 25 ft. along north edge of ploughed field.
6.78	Cor. No. 3 on west side of road exemption.
	Set a granite stone 24x2x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 3 of this survey, mkd. 3 HES 183 on side facing the claim; - from which -
	A fir 20 ins. dia. bears S. 85°00' E., 160 lks. dist., mkd. X 3 HES 183 B T.
	No other trees within limits; therefore dig pits 24x24x12 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.
	No lat. obsn. possible on account of fog. October 21, 1916.
	October 22, 1916: From cor. No. 3 of this survey, above described, I run
	S. 61°45' E. on a true line, along W. side of road exemption.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Over broken slope along edge of plougned field.
1.21	Cor. No. 4.
	Set a granite stone, 24x10x5 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 4 of this survey, mkd. 4 HES.183 on side facing the claim; - from which -
	A fir 24 ins. dia., bears N. 12°30' W., 52 lks. dist., mkd. X 4 HES. 183 B T
	No other trees within limits; therefore dig pits 24x24x12 ins., crosswise on this and the succeeding course, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, 3½ ft. within the claim.
	Thence I run
	S. 49°45' E. on a true line, along W. side of road exemption,
	Over broken land; through brush.
2.43	Cor. No. 5.
	Set a granite stone, 24x10x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 5 of this survey, mkd. 5 HES. 183 on side facing the claim; - from which -
	A fir 8 ins. dia., bears N. 35°00' W., 35 lks. dist., mkd. X 5 HES. 183 B.T.
	An alder 5 ins. dia., bears N. 84°30' E., 16 lks. dist., mkd. X 5 HES. 183 B.T.
	Mound of stone impracticable.
	Thence I run
	S. 38°15' E. on a true line, along W. side of road exemption.
	Over broken land; through brush.
4.22	Cor. No. 6.
	Marked fir root in place, X 6 H.E.S. 183 for cor. No. 6 of this survey; - from which -
	A fir 6 ft. dia. bears S. 22°00' E., 13 lks. dist., mkd. X 6 H.E.S. 183 B.T.
	A hemlock 5 ins. dia., bears S. 50°30' W., 69 lks. dist., mkd. X 6 HES. 183 B.T.
	Mound of stone impracticable.
	Thence I run
	S. 24°00' E. on a true line along W. side of road exemption.
	Over broken land; through brush.
3.04	Cor. No. 7.
	Set a granite stone, 24x8x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 7 of this survey, mkd. 7 HES. 183 on side facing the claim; - from which -

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	A maple 7 ins. dia., bears N. 60°30' W., 13 lks. dist., mkd. X 7 HES. 183 B.T.
	An alder 10 ins. dia., bears S. 34°30' W., 30 lks. dist., mkd. X 7 HES. 183 B.T.
	Mound of stone impracticable.
	Thence I run
	S. 38°00' E., on a true line along W. side of road exemption
	Over broken land; through brush
2.03	Cor. No. 8.
	Set a granite stone, 24x8x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 8 of this survey, mkd. 8 HES. 183 on side facing the claim; - from which -
	A tan oak, 10 ins. dia., bears S. 73°30' W., 25 lks. dist., mkd. X 8 HES. 183 B.T.
	An alder 8 ins. dia., bears S. 14° W., 35 lks. dist., mkd. X 8 HES. 183 B.T.
	Mound of stone impracticable.
	Thence I run
	S. 17°15' E. on a true line along W. side of road exemption.
	Over broken land, through brush.
4.90	Cor. No. 9.
	Set a granite stone, 24x12x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 9 of this survey, mkd. 9 HES. 183 on side facing the claim; - from which -
	A myrtle 16 ins. dia., bears S. 70° W., 8 lks. dist., mkd. X 9 HES. 183 B.T.
	No other tree within limits; pits or mound of stone impracticable.
	Thence I run S. 8°45' W. on a true line along W. side of road exemption,
	Over broken land, through brush.
2.12	Cor. No. 10.
	Set a granite stone, 24x10x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 10 of this survey, mkd. 10 HES. 183 on side facing the claim.
	No bearing trees within limits; therefore raise mound of stone 4 ft. base, 2 ft. high, 3½ ft. dist. within the claim.
	Thence I run
	S. 62°53' E. on a true line along W. side of road exemption.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Over broken land, through alder timber and brush.
.20	Creek 2 lks. wide, course NE.
2.70	Intersect the longitudinal 1/16 sec. line, N. 2°02' E., 1.02 chs. dist. from the temporary stake set for 1/16 sec. cor. and cor. No. 12 on line bet. secs. 5 and 8; S. 2°02' W., 18.53 chs. dist., from temporary stake set for center of the SW. ¼ of sec. 5.
	At point of intersection set a granite stone, 24x12x10 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 11 of this survey, mkd. 11 HES. 183 on side facing the claim; - from which -
	An alder 5 ins. dia., bears S. 13°00' E., 9 lks. dist., mkd. X 11 HES. 183 B.T.
	A maple 10 ins. dia., bears N. 71°00' W., 12 lks. dist., mkd. X 11 HES. 183 B.T.
	Mound of stone impracticable.
	Thence I run
	S. 2°02' W. on a true line along longitudinal 1/16 sec. line, and W. bdy. of patented land.
	Ascend steep N. slope, 50 ft. through alder and vine maple
1.02	Intersect the temporary stake set for 1/16 sec. cor. and cor. No. 12 of this survey, on line bet. secs. 5 and 8, which I destroy and in place
	Set a granite stone, 24x14x12 ins., 14 ins. in the ground, over a stone mkd. with a cross for C. C. and cor. No. 12 of this survey, mkd. C.C. on N. face and 12 HES. 183 on side facing the claim; - from which -
	A tan oak 6 ins. dia., bears S. 55°30' W., 17 lks. dist., mkd. X 12 HES. 183 B.T.
	A tan oak 12 ins. dia., bears N. 56°15' W., 36 lks. dist., mkd. X 12 HES. 183 B.T.
	Mound of stone impracticable.
	Thence I run
	S. 89°04' W. on a true line, along line bet. secs. 5 and 8.
	Ascend steep northeasterly slope 40 ft., through alder, oak and fir timber and undergrowth.
1.15	Top of ascent.
	Descend steep W. slope 20 ft. through vine maple and dense underbrush.
2.60	Creek 2 lks. wide, course N.
	Ascend steep rocky E. slope 325 ft. through alder and oak timber and heavy undergrowth.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
10.99	Top of spur bears N. and S.
	Descend over broken northwesterly slope 140 ft., through young fir and redwood, oak and cedar timber and dense undergrowth.
10.79	Cor. No. 1, the place of beginning.
	No lat. obsn. possible on account of fog. October 22, 1916.
	TRACT B.
	October 23, 1916: Commencing at cor. No. 13 of this survey on the longitudinal 1/16 sec. line, and E. side of road exemption,
	Set a granite stone, 24x8x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 13 of this survey, mkd. 13 HES. 183 on side facing the claim; - from which -
	A fir 24 ins. dia., bears N. 7°00' E., 33 lks. dist., mkd. X 13 HES. 183 B.T.
	A maple 5 ins. dia., bears S. 34°00' E., 9 lks. dist., mkd. X 13 HES. 183 B.T.
	Mound of stone impracticable.
	Cor. No. 11 of Tract A of this survey heretofore described, bears S. 2°02' W., 0.56 chs. dist., and 20 ft. above cor. No. 13.
	Thence I run
	N. 62°53' W., on a true line along E. side of road exemption
	Over steep northwesterly slope through dense brush
2.05	Creek 2 lks. wide, course northerly.
2.10	Cor. No. 14.
	Set a granite stone, 24x10x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 14 of this survey, mkd. 14 HES. 183 on side facing the claim;
	No bearing trees within limits; therefore raise a mound of stone, 4 ft. base, 2 ft. high, 3½ ft. within claim.
	Thence I run
	N. 8°45' E. on a true line along E. side of road exemption.
	Along almost perpendicular easterly slope through dense brush.
1.86	Cor. No. 15.
	Set a granite stone, 24x9x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 15 of this survey, mkd. 15 HES. 183 on side facing the claim.
	No bearing trees within limits; slope too steep to raise mound of stone or dig pits.
	Cor. No. 9 of this survey heretofore described, bears S. 85°45' W., 0.51 chs. dist.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Thence I run
	N. 17°15' W. on a true line along E. side of road exemption,
	Along almost perpendicular easterly slope, through dense undergrowth.
3.10	Cor. No. 16.
	Set a granite stone, 24x10x8 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 16 of this survey, mkd. 16 HES. 183 on side facing the claim.
	No bearing trees within limits; slope too steep to raise mound of stone or dig pits.
	Cor. No. 8 of this survey, heretofore described, bears S. 62°22' W., 0.51 lks. dist.
	Thence I run
	N. 38°00' W. on a true line along E. side of road exemption,
	Along almost perpendicular northeasterly slope, through dense undergrowth.
2.07	Cor. No. 17.
	Set a granite stone, 24x12x8 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 17 of this survey, mkd. 17 HES. 183 on side facing the claim; - from which -
	A maple, 14 ins. dia., bears S. 30°00' W., 15 lks. dist., mkd. X 17 HES. 183 B.T.
	A maple 6 ins. dia., bears S. 19°30' E., 46 lks. dist., mkd. X 17 HES. 183 B.T.
	Mound of stone impracticable.
	Thence I run
	N. 24°00' W., on a true line along E. side of road exemption
	Along steep northeasterly slope, through dense undergrowth.
3.04	Cor. No. 18.
	Set a granite stone, 24x8x5 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 18 of this survey, mkd. 18 HES. 183 on side facing the claim; - from which -
	An alder 8 ins. dia., bears N. 44°00' E., 8 lks. dist., mkd. X 18 HES. 183 B.T.
	An alder 8 ins. dia., bears S. 25°00' E., 10 lks. dist., mkd. X 18 HES. 183 B.T.
	Mound of stone impracticable.
	Thence I run
	N. 38°15' W. on a true line along E. side of road exemption

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Along steep northeasterly slope, through dense undergrowth.
4.32	Cor. No. 19.
	Set a granite stone, 24x6x6 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 19 of this survey, mkd. 19 HES. 183 on side facing the claim;
	No bearing trees within limits; pits or mound impracticable.
	Cor. No. 5 of this survey, heretofore described, bears S. 46°00' W., 0.50 chs. dist.
	Thence I run
	N. 49°45' W. on a true line along E. side of road exemption
	Along steep northeasterly slope, through brush
0.30	Leave brush, enter clearing.
	Along flat northeasterly slope over cleared land.
2.53	Cor. No. 20.
	Set a granite stone, 24x10x4 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 20 of this survey, mkd. 20 HES. 183 on side facing the claim; - from which -
	A fir 24 ins. dia., bears N. 52°30' W., 66 lks. dist., mkd. X 20 HES. 183 B.T.
	No other trees within limits; therefore dig pits 24x24x12 ins., northwesterly and southeasterly of cor., 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, 3½ ft. N. of cor.
	Thence I run
	N. 61°45' W. on a true line, along E. side of road exemption
	Over flat northerly slope, through cleared land.
1.37	Intersect the latitudinal 1/16 sec. line N. 89°17' E., 7.82 chs. dist. from the 1/16 sec. cor. and cor. No. 2 of this survey on line bet. secs. 5 and 6, heretofore described and S. 89°17' W., 12.07 chs. dist. from temporary stake set for center of the SW. ¼ of sec. 5 and cor. No. 22.
	At point of intersection
	Set a granite stone, 24x12x8 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 21 of this survey, mkd. 21 HES. 183 on side facing the claim; - from which -
	A fir 24 ins. dia., bears S. 57°30' E., 93 lks. dist., mkd. X 21 HES. 183 B.T.
	A fir 20 ins. dia., bears S. 86°00' E., 56 lks. dist., mkd. X21 HES 183 B.T.
	Mound of stone impracticable.
	Cor. No. 3 of this survey, heretofore described, bears S. 89°17' W., 1.04 chs. dist., and is 15 ft. above cor. No. 21.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS	
	Thence I run
	N. 89°17' E. on a true line along latitudinal 1/16 sec. line and S. bdy. of patented land.
	Descend northeasterly slope 35 ft., through cleared field.
5.30	Left bank Winchuck River; course of river northwesterly.
6.60	Right bank Winchuck River.
	Ascend southwesterly slope 110 ft., through fir and oak timber and dense undergrowth.
12.07	Intersect the temporary stake set for center of SW. $\frac{1}{4}$ of sec. 5 and cor. No. 22 of this survey, which I destroy and in place
	Set a basalt stone, 24x10x5 ins., 14 ins. in the ground, over a stone mkd. with a cross for cor. No. 22 of this survey, mkd. 22 HES. 183 on side facing the claim; - from which -
	A fir 60 ins. dia., bears N. 89°45' W., 86 lks. dist., mkd. X 22 HES. 183 B.T.
	A fir 5 ins. dia., bears N. 6°00' E., 36 lks. dist., mkd. X 22 HES. 183 B.T.
	Mound of stone impracticable.
	No lat. obsn. possible on account of fog.
	October 23, 1916.
	October 24, 1916: Thence I run
	S. 2°02' W., on a true line along longitudinal 1/16 sec. line and E. bdy. of patented land.
	Descend southerly slope through dense growth of brush, fir and alder timber.
12.70	Right bank of Winchuck River; course northwesterly.
14.60	Left bank of Winchuck River.
	Ascend steep north slope 90 ft. through alder and fir timber and dense undergrowth.
17.97	Intersect cor. No. 13, the place of beginning.
	October 24, 1916.

AREA

In Tract A,	28.83 acres
In Tract B,	8.78 "
Total area of HES #183	37.61

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

IMPROVEMENTS

A shake house, 16x34 ft., longsides N. and S.; the NW. cor. of which bears S. 63°00' E., 2.75 chs. dist. from cor. No. 2. Value $100.00

A shake barn 30x38 ft., longsides S. 35°00' W. and N. 35°00' E., the NW. cor. of which bears S. 1°15' W., 2.45 chs. dist. from cor. No. 2. Value $150.00

Timber foundation for house 18x30 ft., longsides E. and W., the NW. cor. of which bears N. 61° 45' E., 0.50 chs. dist. from cor. No. 2. Value $ 25.00

Approximately 6½ acres cleared, about ½ of which is ploughed. 12 chs. of fencing. 25 young fruit trees. Value $325.00

Total Value $600.00

GENERAL DESCRIPTION.

This claim comprises the SW. ¼ of SW. ¼ of sec. 5, T. 41 S., R. 12 W. The general slope of the land is to the river and is quite broken. It is mostly hill land, ranging from a flat slope to very steep. Approximately ½ is possible of cultivation, on which forage crops, vegetables, fruits and berries can be raised. The balance of the land can be used for pasture. There is a small stand of commercial redwood and fir on the S. half of the claim.

Abundance of water is available for domestic purpose. The land is too rough and broken to permit of irrigation.

The character of the land is non-mineral.

The nearest post office is at Harbor, Oregon, about eight miles westerly, by road.

LOCATION

This homestead is located in sec. 5, surveyed, T. 41 S., R. 12 W., W. M.

REPORT.

The survey of this homestead embraces an area wholly confined within the listed and entered description as intended by the District Forester. 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.

This claim is bounded on the W. and N. by patented land (W. E. Kennedy) and on the E. by patented land (Wm. I. Armsdell.)

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

BOUNDARIES OF HES. No. 183.

(Tract A)

True Bearing	Dist.	Latitude N.	Latitude S.	Departure E.	Departure W.
N. 1°49'E.	19.64	19.63		.62	
N.89°17'E.	6.78	.08		6.78	
S.61°45'E.	2.21		1.05	1.95	
S.49°45'E.	2.43		1.57	1.85	
S.38°15'E.	4.22		3.31	2.61	
S.24°00'E.	3.04		2.78	1.24	
S.38°00'E.	2.03		1.60	1.25	
S.17°15'E.	4.90		4.68	1.45	
S. 8°45'W.	2.12		2.10		.32
S.62°53'E.	2.70		1.23	2.40	
S. 2°02'W.	1.02		1.02		.04
S.89°04'W.	19.79		.32		19.79
	70.88	19.71	19.66	20.15	20.15

Error in lat. 5 lks.
Error in dep. 0 lks.
Error of closure 1:1418

BOUNDARIES OF H.E.S. No. 183

(Tract B)

True Bearing	Dist.	Latitude N.	Latitude S.	Departure E.	Departure W.
N.89°17'E.	12.07	.15		12.07	
S. 2°02'W.	17.97		17.96		.64
N.62°53'W.	2.10	.96			1.87
N. 8°45'E.	1.86	1.84		.28	
N.17°15'W.	5.10	4.87			1.51
N.38°00'W.	2.07	1.63			1.27
N.24°00'W.	3.04	2.78			1.24
N.38°15'W.	4.32	3.39			2.67
N.49°45'W.	2.53	1.63			1.93
N.61°45'W.	1.37	.65			1.21
	52.43	17.90	17.96	12.35	12.34

Error in lat. 6 lks.
Error in dep. 1 lk.
Error of closure 1:862

October 24, 1916.

(signed) H. F. Mader
Surveyor Draftsman.

October 24, 1916.

HOMESTEAD ENTRY SURVEY NO. 183 SISKIYOU NATIONAL FOREST OREGON.

CHAINS

APPROVAL

Office of the United States Surveyor General,
Portland, Oregon, March 27, 1917.

The foregoing field notes of Homestead Entry Survey No. 183 within the Siskiyou National Forest, situated in Section 5, surveyed, T. 41 S., R. 12 W., Willamette meridian, Oregon.

executed by H. F. Mader, Surveyor-Draftsman under his special instructions, dated January 17, 1916, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(SEAL)

(signed) Edward G. Worth
U. S. Surveyor General

CHAINS		