



# FIELD NOTES

of

RESURVEY PORTION NORTH BOUNDARY

and

RESURVEY, RETRACEMENT AND SURVEY PORTION SUBDIVISIONAL LINES

in

TOWNSHIP NO. 2 SOUTH, RANGE NO. 35 EAST

Of the Willamette Meridian,

In the State of Oregon

EXECUTED BY

L. E. Wilkes *USCE*

In the capacity of U. S. Surveyor, under Special Instructions dated April 18, 1917 issued by the United States Surveyor General to govern surveys included in Group No. 38, which were approved by the Commissioner of the General Land Office, May 10, 1917, and Assignment Instructions dated Sept. 13, 1917

Survey commenced October 19, 1917

Survey completed October 31, 1917

ACCEPTED BY THE HON. COMMISSIONER G. L. O. May 2, 1919



FIELD NOTES

# INDEX DIAGRAM.

Township 2 South, Range 35 East

East Boundary Umatilla Indian Reservation	6	10	2	12			
		9		11			
	7	12					
		6	8	9	10	11	12
	8						
	18	5	17	16	15	14	13
4							
19		20	21	22	23	24	
30		29	28	27	26	25	
31		32	33	34	35	36	

Red indicates original surveys

Blue indicates retracements

Green indicates resurveys



Township No. 2 South, Range No. 35 East

DATE DIAGRAM

Retracements, Resurveys and Surveys for Year 1917

	Oct. 23, 28					
	5	Oct. 25	4	3	2	1
	Oct. 25					
	8	Oct. 22	9	10	11	12
	Oct. 19					
18	Oct. 20	17	16	15	14	13
Oct. 20-31						
19	20	21	22	23	24	24
30	29	28	27	26	25	25
31	32	33	34	35	36	36

East Boundary Umatilla Indian Reservation  
 6  
 7  
 18  
 Oct. 20-31

1917  
 1234  
 5678  
 9101112

Descend 350 ft. to  
 marked G T I R 35 E 2 S 36 S 1 E.  
 A fir, 6 in. diam., bears N. 32° E., 21 ft. dist.  
 dist., marked G T I R 35 E 2 S 36 S 1 E.  
 A yellow pine, 30 in. diam., bears N. 55° W., 33 ft.



Resurvey Portion North Bdy., T. 2 S., R. 35 E.

Chains

Survey commenced Oct. 19, 1917 and executed with a Young and Sons light mountain transit No. 8585 with Smith solar attachment. For description and test of instrument and methods of measurement, see Book "B" of this group.

Commence at the closing cor. of Tps. 1 and 2 S., Rs. 35 E., on the E. bdy. of the original Umatilla Indian Reservation, and run East retracing N. bdy. of sec. 5; at 38.80 chs. find no trace of 1/4 sec. cor.; at 48.77 chs. fall 97 lks. N. of the closing cor. of secs. 32 and 33, T. 1 S., R. 35 E., and at 77.10 chs. fall 157 lks. N. of the closing cor. of secs. 4 and 5, hereinafter described.

Thence

N.88°50'W., resurveying N. bdy. of sec. 5.

Descend through scattering timber and undergrowth, 15 ft. to  
0.60 Creek, 20 lks. wide, course NW.; ascend 700 ft. to

22.50 Top of rocky ridge, called Salmon Back, bears NW. and SE.;  
this ridge is crowned with rock cliffs, line passes through  
cleft in them.

Descend steep W. slope, 300 ft. to

28.33 The closing cor. of secs. 32 and 33, T. 1 S., R. 35 E.,  
which is a basalt stone, 12x10x5 ins. above ground, marked  
and witnessed as described by the surveyor general,  
bears North, 2 lks. dist.

At this point, 2 lks. S. of the old closing cor., I set  
an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of secs. 32 and 33, T. 1 S.,  
R. 35 E., with brass cap marked.

C C  
T1S R35E  
S32|S33  
-----  
S5  
T2S R35E  
1917

from which

A yellow pine, 30 ins. diam., bears N.65°W., 83 lks.  
dist., marked C C T 1 S R 35 E S 32 B T.

A fir, 6 ins. diam., bears N.22°E., 21 lks. dist.,  
marked C C T 1 S R 35 E S 33 B T.

Descend 350 ft. to



Chains  
40.00

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  cor. of sec. 5 only, with brass cap marked

~~T1S~~  
1917

from which

A fir, 14 ins. diam., bears S.49°W., 159 lks. dist., marked  $\frac{1}{4}$  S 5 B T.

A basalt rock, 4x2x2 ft. above ground, bears East, 2 lks. dist., marked X B O.

Descend 250. ft. to

48.80 Creek, 15 lks. wide, course NW.; ascend 910 ft. to

74.00 Top of ascent, bears NW. and SE.; over bench land.

77.12 Intersect the closing cor. of Tps. 1 and 2 S., R. 35 E.,

on the E. bdy. of the original Umatilla Indian Reservation, from which the  $56\frac{1}{2}$  Mile Cor. bears S.20°W., 4.80 chs. dist.

The closing cor. is a fir post, 3 ins. sq., 16 ins. above ground, marked T 1 S S 32 on N., C C R 35 E on E., T 2 S S 5 on S. face, witnessed as described by the surveyor general. I perpetuate this cor., as follows: at the exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of Tps. 1 and 2 S., R. 35 E., with brass cap marked

T1S R35E

~~T1S~~ S32  
S5 CC

T2S R35E

1917

from which

A fir, 15 ins. diam., bears N.39°30'E., 17 lks. dist., marked C C T 1 S R 35 E S 32 B T. (Old B.T.)

A fir, 12 ins. diam., bears S.42°E., 16 lks. dist., marked C C T 2 S R 35 E S 5 B T (Old B.T.)

Land, mountainous.

Soil, scant loam on basalt rock, 2nd and 3rd rate.



Resurvey Portion North Bdy., T. 2 S., R. 35 E.

Chains

Timber, pine and tamarack.  
Undergrowth, serviceberry, willow and balsam.

Resurvey Portion Subdivisions, T. 2 S., R. 35 E.

From the cor. of secs. 17, 18, 19 and 20, West retracing bet. secs. 18 and 19; at 40.00 chs. no trace of  $\frac{1}{4}$  sec. cor., and at 76.85 chs. intersect the W. bdy. of the Tp., 517 lks. N. of the cor. of secs. 13, 18, 19 and 24, previously described.

Thence

N.86°09'E., resurveying line bet. secs. 18 and 19.

Along S. edge of canyon, through heavy timber and medium undergrowth.

38.39 Apportioned distance

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   $\frac{S18}{S19}$   
1917

from which

A lodgepole pine, 6 ins. diam., bears S.30°W., 6 lks. dist., marked  $\frac{1}{4}$  S 19 B T.

A lodgepole pine, 6 ins. diam., bears N.60°E., 7 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

Descend 18 ft. to

39.61 Dry gulch, course NW.; ascend 130 ft. to

48.60 Top of ascent, bears NW. and SE.; over rolling bench land.

76.75 Road, bears NW. and SE.

77.02 Intersect the cor. of secs. 17, 18, 19 and 20, which is an old post, 4 ins. sq., firmly set, marked and witnessed as described by the surveyor general, except that all bearing trees are now dead. I perpetuate this cor., as follows: at the exact cor. point

Set a volcanic stone, 20x15x6 ins., 15 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked with 3 notches on S. and 5 notches on E. edge; from which

A tamarack, 20 ins. diam., bears N.45°45'E., 97 lks.



Retracement and Survey Portion of Subdivisions, T. 2 S., R. 35 E.

Chains

The closing cor. of that portion of secs. 6 and 32 within the original Umatilla Indian Reservation, bears S.19°17'W., 3.00 chs. dist.

Land, rolling bench.

Soil, light, shallow loam on basalt, 2nd rate.

Timber, fir, pine and balsam.

Undergrowth, willow, balsam and pine.

The cor. of secs. 4, 5, 8 and 9 is an old post, lying loose on the ground, marked and witnessed as described by the surveyor general, except that the SW. and NW. bearing trees are now dead. I perpetuate this cor., as follows: at the exact cor. point

Set a basalt stone, .16x12x10 ins., 11 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked with 5 notches on the S. and 4 notches on E. edge; from which

A lodgepole pine, 8 ins. diam., bears N.67°E., 27 lks. dist., marked T 2 S R 35 E S 4 B T. (Old B.T.)

A lodgepole pine, 8 ins. diam., bears S.69°E., 28 lks. dist., marked T 2 S R 35 E S 9 B T. (Old B.T.)

A fir, 20 ins. diam., bears S.21°30'W., 153 lks. dist., marked T 2 S R 35 E S 8 B T (New B.T.)

A lodgepole pine, 10 ins. diam., bears N.73°W., 58 lks. dist., marked T 2 S R 35 E S 5 B T (New B.T.)

I mark a cross (X) on a basalt stone, 4x4x2 ft. above ground, 30 lks. W. of the cor.

Thence

North, retracing line bet. secs. 4 and 5.

Over rolling bench land, through heavy timber and medium undergrowth.

36.75 Leave brush, bears NW. and SE.; descend 100 ft. to

40.00 Intersect the old 1/4 sec. cor., which is an old post, badly decayed, marked and witnessed as described by the surveyor general, except that the NE. bearing tree is now dead and fallen. I perpetuate this cor., as follows: at the exact



Retracement and Survey Portion of Subdivisions, T. 2 S., R. 35 E.

Chains

cor. point  
Set a red basalt stone, 15x15x10 ins., 10 ins. in the ground, for 1/4 sec. cor., marked 1/4 5 on W. and 4 on E. face; from which

A tamarack, 7 ins. diam., bears S.82°W., 13 lks. dist., marked 1/4 S 5 B.T. (Old B.T.)

A pine, 24 ins. diam., bears N.83°15'E., 151 lks. dist., marked 1/4 S 6 B T (New B.T.)

The true course and distance of this line to the 1/4 sec. cor. is North, 40.00 chs.

From the 1/4 sec. cor.

North, surveying line bet. secs. 4 and 5, continuing my measurements

79.25 Creek, 10 lks. wide, course NW., 760 ft. below 1/4 sec. cor.

82.45 Intersect the N. bdy. of the Tp., 15 lks. E. of the old cor. of secs. 4 and 5, which I now destroy.

At the point of intersection

Set a basalt stone, 17x12x4 ins., 12 ins. in the ground, for closing cor. of secs. 4 and 5, marked with 4 notches on E. and 4 notches on W. edge; from which

A balsam, 12 ins. diam., bears S.29°E., 15 lks. dist., marked C C T 2 S R 35 E S 4 B T.

A balsam, 8 ins. diam., bears S.70°W., 11 lks. dist., marked C C T 2 S R 35 E S 5 B T.

Land, mountainous.

Soil, light shallow loam on basalt, 3rd rate.

Timber, balsam, pine, fir and tamarack.

Undergrowth, willow, arrowwood, balsam and pine.

Survey Portion Subdivisions, T. 2 S., R. 35 E.

From the cor. of secs. 5, 6, 7 and 8 West, bet. secs. 6 and 7.

Over rolling land, through heavy timber and medium undergrowth.



4-680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Fred R. Laird	Head Chainman
Bert H. Rose	Rear Chainman
Miles W. Mathis	Axman



CERTIFICATE OF UNITED STATES SURVEYOR.

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I, L. E. Wilkes, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Oregon bearing date of the 18th day of April, 191 7, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Townships No. 2 South, Ranges No. 34 and 35 East

of the Willamette Meridian, in the State of Oregon, which are represented in and date diagrams on pages 1 of same and on the dates shown on said diagrams the foregoing field notes, as having been executed by me, and under my direction, and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Oregon and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

L. E. Wilkes.  
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Portland, Oregon, August 26, 191 8

The foregoing field notes of the Resurvey Portion North Bdy. and Resurvey, Retracement and Survey Portion Subdivisional Lines in Township No. 2 South, Range No. 35 East of the Willamette Meridian, Oregon,

executed by L. E. Wilkes, U. S. Surveyor under his special instructions dated April 18, 191 7, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward W. Worth  
U. S. Surveyor General.

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