

"B" ORIGINAL

FIELD NOTES

OF THE SURVEY OF THE

STATE

and

INDEX DIAGRAM.

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY;

RESURVEY OF PART OF WEST BOUNDARY;

SURVEY OF PART OF EAST BOUNDARY;

AND

SURVEY OF PART OF SUBDIVISION

OF

TOWNSHIP 6 NORTH, RANGE 39 EAST

Of the WILLAMETTE Meridian,

In the State of WASHINGTON

EXECUTED BY

ROY T. CAMPBELL, U. S. Cadastral Engineer

In the capacity of U. S. Surveyor, under Special Instructions dated April 17, 1929, issued by the United States Surveyor General to govern surveys included in Group No. 130, which were approved by the Commissioner of the General Land Office, May 11, 1929, and Assignment Instructions dated June 1, 1931.

R. T. C.

Survey commenced July 5, 1931

Survey completed August 13, 1931

FIELD NOTES

OF THE SURVEY OF THE

DATE

and

INDEX DIAGRAM.

Township 6 North, Range 39 East

13 ⁶ 7-18-31 7-18-31	43 ⁵ 7-15-31 7-15-31	37 ⁴ 7-11-31 7-11-31	33 ³ 7-9-31 7-9-31	28 ² 7-8-31 7-8-31	22 ¹ 7-6-31 7-6-31	19
45	44	39	34	29	24	
16 ⁷ 8-11-31 8-11-31	46 ⁸ 8-8-31 8-8-31	40 ⁹ 8-6-31 8-6-31	35 ¹⁰ 8-4-31 8-4-31	30 ¹¹ 7-29-31 7-29-31	25 ¹² 7-28-31 7-28-31	20 D.V.T. e
48	47	41	36	32	26	
18 ¹⁸ 8-11-31 8-10-31	50 ¹⁷ 8-9-31 8-7-31	42 ¹⁶ 8-6-31 8-6-31	37 ¹⁵ 8-4-31 8-3-31	33 ¹⁴ 7-29-31 7-26-31	27 ¹³ 7-28-31 7-26-31	22
11	8	7	5	4	2	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

in the capacity of U.S. Surveyor, under special instructions dated April 17, 1931.

issued by the United States Surveyor General to govern surveys included in Group No. 130, which were approved by the Commissioners of the General Land Office, May 11, 1931, and assignment instructions dated June 1, 1931.

Survey commenced July 5, 1931.

Survey completed August 13, 1931.

Chains

The survey of the exterior and subdivisional lines of this part of township 6 north, range 39 east, was executed with a light mountain solar transit made by Young & Sons, Serial No. 8527, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of $4\frac{3}{4}$ ins., with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 5 ins., with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132, with a focal constant of 1.5 lks. The instrument is equipped with the Smith solar attachment; radius of latitude arc $3\frac{1}{4}$ ins., and of declination arc 4 ins., each with verniers reading to single minutes. The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer on June 1, 1931. I examined all instrumental adjustments before making the field tests hereinafter recorded.

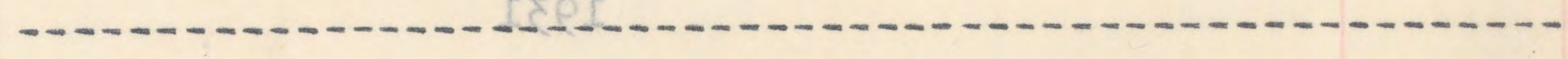
The directions of the exterior and subdivisional lines were determined by solar transit method. The measurements were made with a Lallie steel tape, 5 chs. in length, graduated every link for the first 100 lks. and the balance at intervals of 10 lks. The tape was tested by comparison with a standard and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position for the SE. cor. of this part of the Tp., as follows: latitude $46^{\circ}00'N.$, and longitude $117^{\circ}52'W.$

July 5, 1931, at the meridian established June 12, 1931, in the SW. $\frac{1}{4}$ of sec. 13, T. 7 N., R. 39 E., as described in Book "A", this group, every 30 min. from 6 to 10.30 a.m. and from 1.30 to 6 p.m., I make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1'30''$.

I repeat the tests of the arcs daily by noon observation, weather permitting, and verify the meridional indications at frequent intervals throughout the survey.

The observed magnetic declination is $22^{\circ}30'E.$



Resurvey of part of Oregon and Washington boundary.

Dependent resurvey, superseding the survey executed by Daniel G. Major, Astronomer and Surveyor, in 1864.

Random Line

From the $5\frac{1}{4}$ mile 20 chain monument, on Oregon and Washington boundary,

West, along Oregon and Washington boundary.

213.64 The 51 mile 48 chain monument bears N., 37 lks. dist.

This line is N. $89^{\circ}54'W.$, 213.64 chs.

From the monument,

West, along Oregon and Washington boundary.

Chains The survey of the exterior and subdivisions of this part of township 6 north, range 39 east, was executed by Daniel G. Taylor, Surveyor, in 1864. The line is N. 88° 56' W. 78.91 chs. dist. 78.90

The 50 mile 52 chain monument bears N., 146 lks. dist. This line is N. 88° 56' W. 78.91 chs. From the monument, West, along Oregon and Washington boundary.

155.17 The 48 mile 40 chain monument bears N., 50 lks. dist.

199.67 The 47 mile 60 chain monument bears N., 64 lks. dist.

302.33 The closing cor. of Tps. 6 N., Rs. 38 and 39 E. bears N., 97 lks. dist.

334.53 The 46 mile monument bears N., 107 lks. dist.

This line is N. 89° 49' W., 155.17 chs. to the 48 mile 40 chain monument, 199.67 chs. to the 47 mile 60 chain monument, 302.33 chs. to the closing cor. of Tps. 6 N., Rs. 38 and 39 E., and 334.53 chs. to the 46 mile monument.

True Line

The 54 mile 20 chain monument, on Oregon and Washington boundary, is a fir post, 8 ins. sq., 3 ft. high, firmly set in durable mound of stone, 4 ft. base, 3 ft. high, and marked W on N., O on S., and 46° L 1864 on E. and W. faces.

At point for monument,

Set an iron post, 3 ft. long, 3 ins. diam., 36 ins. in the original mound of stone to top, for 54 mile 20 chain monument, with brass cap mkd.

54 M 20 C
W
0

1931

from which

A fir, 14 ins. diam., bears N. 58° E., 340 lks. dist., mkd. 54 M 20 C W B T.

A fir, 24 ins. diam., bears S. 48½° E., 299 lks. dist., mkd. 54 M 20 C O B T.

A fir, 18 ins. diam., bears S. 57¼° W., 215 lks. dist., mkd. 54 M 20 C O B T.

A stunted fir, 20 ins. diam., bears N. 26¼° W., 282 lks. dist., mkd. 54 M 20 C W B T.

Thence; retrace,

N. 89° 54' W., on Oregon and Washington boundary.

94.77 Point for closing cor. of Tps. 6 N., Rs. 39 and 40 E.; South, 0.32 ch. dist. from the witness cor., determined as hereinafter described.

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

Chains Thence, resurvey on S. bdy. of sec. 13. Ascend 550 ft. over rugged southeasterly slope, through scattering timber and undergrowth. 16.70 Ridge; enter dense undergrowth, bears N. 50° E. and S. 50° W.; descend 245 ft. over broken northwesterly slope.

23.00 Enter heavy timber, bears N. and S.

28.11 Spring branch, 2 lks. wide, course N.; ascend 215 ft. over northeasterly slope.

34.55 Spur, slopes N.; descend 120 ft. to 1/4 sec. cor. of sec. 13, over broken northwesterly slope.

39.24 Spring branch, 1 lk. wide, course N.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor. of sec. 13 only, with brass cap mkd.

The 51 mile 1/8 chain monument, which is a durable mound of stone, 4 ft. high, and witnessed as described in the original record, except the bearing tree bears S. 13° E. 1/4 S 13. In addition to the original marks on this tree, No trace can be found of the original post.

1931

from which

A fir, 36 ins. diam., bears N. 78 1/2° W., 143 lks. dist., mkd. 1/4 S 13 B T.

A fir, 72 ins. diam., bears N. 59 1/2° W., 132 lks. dist., mkd. 1/4 S 13 B T.

No suitable accessory in NE. quadrant available.

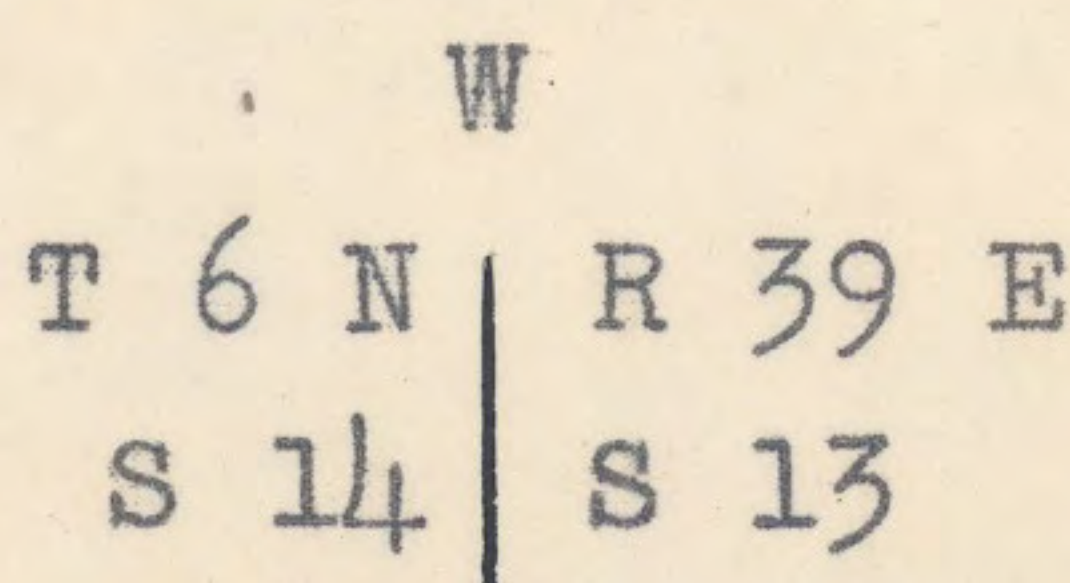
Ascend 40 ft. over broken northeasterly slope.

45.00 Spur, slopes N.; descend 270 ft. over broken northwesterly slope.

54.05 Spring branch, 1 lk. wide, course N.; enter scattering timber, bears N. and S.; ascend 10 ft. over broken northeasterly slope.

63.25 Creek, 15 lks. wide, course NE.; ascend 535 ft. over rugged southeasterly slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 13 and 14 only, with brass cap mkd.



1931

from which

A fir, 24 ins. diam., bears N. 45 1/2° E., 110 lks. dist., mkd. T 6 N R 39 E S 13 B T.

A fir, 12 ins. diam., bears N. 27° W., 49 lks. dist., mkd. T 6 N R 39 E S 14 B T.

Chains Land, mountainous. Soil, sandy loam, stony; 3d and 4th rate. Timber, fir, larch, yellow pine, yew, and spruce; undergrowth, 2d growth fir, larch, pine, and spruce, vine maple, huckleberry, small yew and willow, mountain ash, mountain laurel, rose, Oregon grape, and fern.

23.00 Enter heavy timber, bears N. and S.

28.11 N. 89° 54' W., on S. bdy. of sec. 14.

Ascend 880 ft. over rugged southeasterly slope, through scattering timber and dense undergrowth.

2.00 Enter scattering undergrowth, bears NW. and SE.

32.66 Spring branch, 1 lk. wide, course SE.

38.75 Ridge, bears N. and S.; over rolling land.

38.87 The 51 mile 48 chain monument, which is a durable mound of stone, 4 ft. base, 3 ft. high, and witnessed as described in the official record, except the bearing tree bears S. 13° E., 1 1/4 lks. dist. I mark 51 M 48 C in addition to the original marks on this tree. No trace can be found of the original post.

At point for monument,

Set an iron post, 3 ft. long, 3 ins. diam., 36 ins. in the original mound of stone to top, for 51 mile 48 chain monument, with brass cap mkd.

51 M 48 C
W
O

1931

from which

new bearing trees,

A fir, 8 ins. diam., bears S. 81 1/2° W., 23 lks. dist., mkd. 51 M 48 C O B T.

A lodgepole pine, 10 ins. diam., bears N. 42 1/2° W., 59 lks. dist., mkd. 51 M 48 C W B T.

A fir, 15 ins. diam., bears N. 21 1/2° W., 32 lks. dist., mkd. 51 M 48 C W B T.

No accessory in NE. quadrant available.

Thence

N. 88° 56' W.

Descend 15 ft. to 1/4 sec. cor. of sec. 14, over southwesterly slope.

0.10 Trail, bears N. and S.

0.65 Enter opening, bears N. and S.

1.13 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 14 only, with brass cap mkd.

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

Chains	W	Chains
	$\frac{1}{4}$ S 14	
	0	
	1931	
		from which
	A lodgepole pine, 9 ins. diam., bears N. $59\frac{1}{4}^\circ$ E., 182 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.	
	A lodgepole pine, 10 ins. diam., bears N. 75° W., 64 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.	
	Descend 185 ft. over general W. slope.	
1.65	Enter heavy timber, bears N. and S.	
6.90	Round Butte Trail, bears N. 35° W. and SE.	
14.68	Milk Creek, 2 lks. wide, course S. from NE.; ascend 215 ft. to cor. of secs. 14 and 15, over rolling southeasterly slope.	
27.75	Trail, bears NE. and SW.	
28.25	Enter opening, bears N. and S.	
34.55	Enter scattering timber, bears N. and S.	
41.14	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 14 and 15 only, with brass cap mkd.	
	W	
	T 6 N R 39 E	
	S 15 S 14	
	0	
	1931	
		from which
	A fir, 8 ins. diam., bears N. $24\frac{1}{2}^\circ$ E., 106 lks. dist., mkd. T 6 N R 39 E S 14 B T.	
	A fir, 8 ins. diam., bears N. $36\frac{3}{4}^\circ$ W., 65 lks. dist., mkd. T 6 N R 39 E S 15 B T.	
	Land, rolling, mountainous.	
	Soil, sandy loam, stony; 2d and 3d rate.	
	Timber, lodgepole pine and fir; undergrowth, 2d growth pine and fir, mountain laurel, greasewood, small cherry, mountain ash, small willow, bunch grass, small alder, and huckleberry.	

	N. $88^\circ 56'$ W., on S. bdy. of sec. 15.	
	Ascend 155 ft. over rolling southeasterly slope, through scattering timber and undergrowth.	
5.87	Skyline Road, bears N. 15° E. and S. 15° W.	
15.25	Ridge, bears NW. and SE.; descend 155 ft. over broken southwesterly slope.	

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

303

Chains

W

Chains

30.30 Forest Service telephone line, bears N. 55° E. and S. 55° W.

34.55 Trail, bears NE. and SW.

37.00 Ridge between North Fork of Wenaha River and Mill Creek, bears N. and S.; along S. slope.

37.45 Enter rocky opening, bears NW. and SE.

37.77 The 50 mile 52 chain monument, which is a durable mound of stone, 4 ft. base, 3 ft. high, and witnessed as described in the official record, except the stump of the bearing tree in Washington is 55 lks. dist. and no trace can be found of the original bearing tree in Oregon. No trace can be found of the original post.

At point for monument,

Set an iron post, 3 ft. long, 3 ins. diam., 36 ins. in the original mound of stone to top, for 50 mile 52 chain monument, with brass cap mkd.

50 M 52 C

W

0

1931

from which

new bearing trees,

A lodgepole pine, 12 ins. diam., bears N. 84 3/4° E., 74 lks. dist., mkd. 50 M 52 C W B T.

A lodgepole pine, 8 ins. diam., bears S. 48 1/2° E., 91 lks. dist., mkd. 50 M 52 C O B T.

A fir, 10 ins. diam., bears S. 86 3/4° W., 274 lks. dist., mkd. 50 M 52 C O B T.

A fir, 12 ins. diam., bears N. 46 3/4° W., 91 lks. dist., mkd. 50 M 52 C W B T.

Thence

N. 89° 49' W.

Descend 20 ft. over rolling southwesterly slope.

2.23 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a mound of stone to top, for 1/4 sec. cor. of sec. 15 only, with brass cap mkd.

W

1/4 S 15

0

1931

from which

A fir, 9 ins. diam., bears N. 15 3/4° E., 106 lks. dist., mkd. 1/4 S 15 B T.

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

Chains A yellow pine, 12 ins. diam., bears N. 29 3/4° W., 277 lks. dist., mkd. 1/4 S 15 B T.

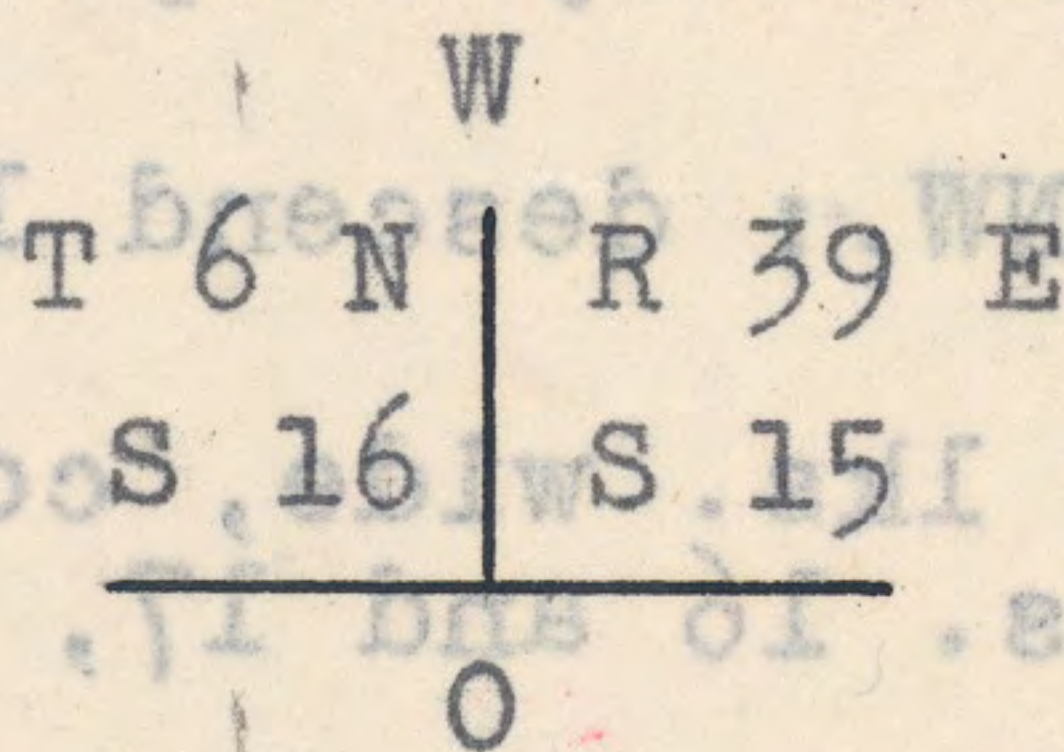
Descend 855 ft. over broken southwesterly slope.

7.25 Leave rocky opening, bears N. and S.

30.85 Dry bed of stream, 3 lks. wide, course N. 55° W.; enter dense undergrowth, bears N. 55° W. and S. 55° E.; descend 95 ft. over broken northwesterly slope.

39.29 Spring branch, 2 lks. wide, course NW.; ascend 30 ft. over broken northeasterly slope.

42.23 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 15 and 16 only, with brass cap mkd. T 6 N R 39 E S 15 B T.



1931

from which

A fir, 30 ins. diam., bears N. 87° E., 30 lks. dist., mkd. T 6 N R 39 E S 15 B T.

A fir, 24 ins. diam., bears N. 24° W., 29 lks. dist., mkd. T 6 N R 39 E S 16 B T.

Land, rolling, mountainous.

Soil, sandy loam, stony; 3d and 4th rate.

Timber, fir, lodgepole pine, and yellow pine; undergrowth, 2d growth fir and pine, mountain laurel, mountain ash, small cherry, bunch grass, small willow, vine maple, pine grass, sumac, service, small yew, elder, small alder, currant, thimbleberry, huckleberry, and fern.

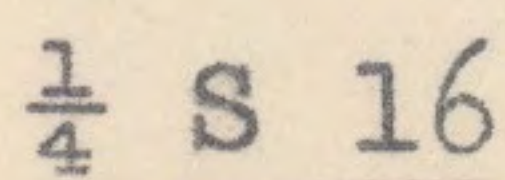
A fir, 18 ins. diam., bears N. 89° W., 168 lks. dist., mkd. T 6 N R 39 E S 16 B T.

Ascend 130 ft. over broken northeasterly slope, through scattering timber and dense undergrowth.

15.40 Spur, slopes NW.; descend 220 ft. over broken northwesterly slope.

22.46 Spring branch, 1 lk. wide, course N. 30° W.; enter heavy timber, bears N. 30° W. and S. 30° E.; ascend 275 ft. over broken northeasterly slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor. of sec. 16 only, with brass cap mkd. T 6 N R 39 E S 16 B T.



1931

from which

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

305

Chains. W. A fir, 10 ins. diam., bears N. 60° E., 12 lks. dist., mkd. 1/4 S 16 B T.

A fir, 12 ins. diam., bears N. 77° E., 87 lks. dist., mkd. 1/4 S 16 B T.

No accessory in NW. quadrant available.

Ascend 10 ft. over northeasterly slope.

40.60 Ridge; enter scattering timber and undergrowth, bears NW. and SE.; descend 605 ft. over rugged southwesterly slope.

53.20 Enter heavy timber, bears N. and S.

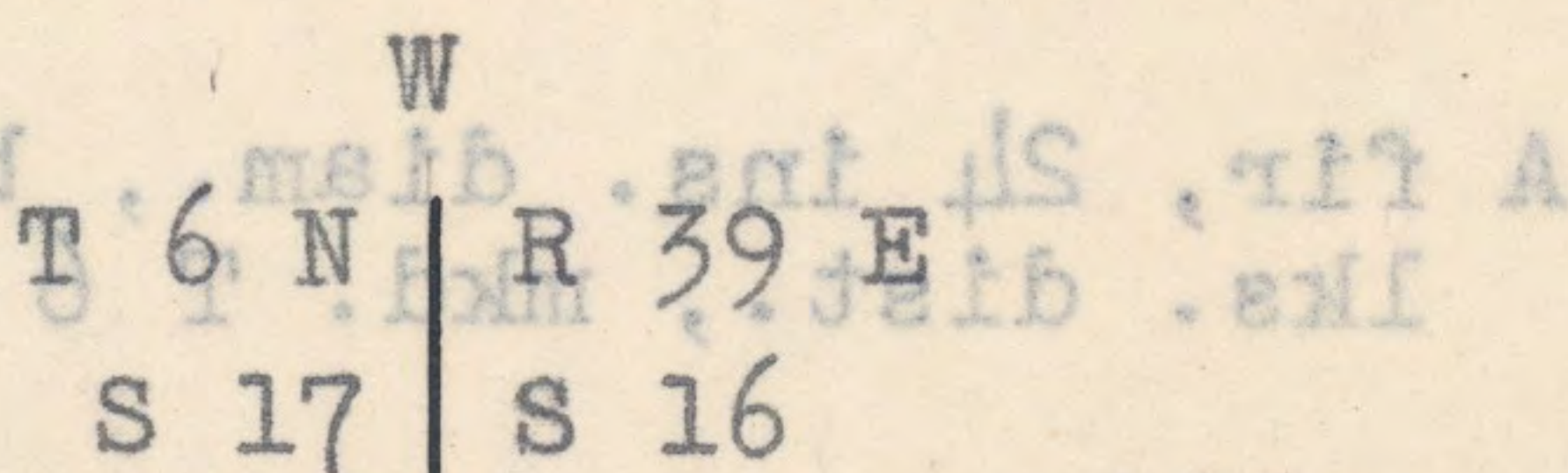
62.94 Spring branch, 4 lks. wide, course NW.; ascend 35 ft. over northeasterly slope.

64.75 Spur, slopes NW.; descend 15 ft. over northwesterly slope.

65.88 Mill Creek, 5 lks. wide, course NE.; ascend 505 ft. to cor. of secs. 16 and 17, over rugged E. slope.

73.00 Enter scattering timber and dense undergrowth, bears N. and S.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 16 and 17 only, with brass cap mkd.



A fir, 13 ins. diam., bears N. 3 1/2° E., 304 lks. dist., mkd. T-6-N-R-39-E-S-16-B-T.

A fir, 18 ins. diam., bears N. 38 1/2° W., 168 lks. dist., mkd. T-6-N-R-39-E-S-17-B-T.

Land, mountainous. Ascend 130 ft. over broken northwesterly slope. Soil, sandy loam, stony; 2d and 3d rate. Timber, fir, spruce, larch, and yellow pine; undergrowth, 2d growth fir, spruce, larch, and pine, vine maple, small willow, alder, and yew, currant, elder, thimbleberry, mountain ash, service, Oregon grape, bunch grass, fern, greasewood, sumac, rose, mountain laurel, pine grass, and huckleberry.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. of sec. 16 only, with brass cap mkd. N. 89° 49' W., on S. bdy. of sec. 17.

Ascend 285 ft. over rugged E. slope, through scattering undergrowth.

5.90 Spur, slopes SE.; enter scattering timber, bears NW. and SE.; ascend 215 ft. over rugged southeasterly slope.

9.80 Enter grassy opening, bears N. and S.

16.45 Spur, slopes S. 55° E.; descend 75 ft. over broken south-

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

Chains westerly slope. Chains Descend 525 ft. over broken southerly slope.

19.50 Leave grassy opening, bears N. and S. Ravine, course, bears N. and S. southeasterly slope.

24.00 Ascend 325 ft. over rugged southeasterly slope. Enter rocky opening, bears N. and S.

30.25 Enter grassy opening, bears NW. and SE. Spur, slopes S.; descend 185 ft. over broken southeasterly slope.

32.94 The 48 mile 40 chain monument, which is a durable mound of stone, 4 ft. base and 3 ft. high. No trace can be found of the original post.

At point for monument, found of the original post. No trace can be found of the original post.

Set an iron post, 3 ft. long, 3 ins. diam., 36 ins. in the original mound of stone to top, for 48 mile 40 chain monument, with brass cap mkd.

48 M 40 C

W

0

1931

from which

A fir, 20 ins. diam., bears N. 79 1/2° E., 310 lks. dist., mkd. 48 M 40 C W B T.

A fir, 24 ins. diam., bears S. 62 3/4° E., 244 lks. dist., mkd. 48 M 40 C O B T.

A fir, 16 ins. diam., bears S. 89 1/4° W., 173 lks. dist., mkd. 48 M 40 C O B T.

A fir, 16 ins. diam., bears N. 41 1/4° W., 365 lks. dist., mkd. 48 M 40 C W B T.

This monument stands on summit of Paradise Ridge, which bears N. and S. 5° W.

From this point the Forest Service lookout station on summit of Paradise Ridge bears S. 4 1/4° E., 32.25 chs. dist.; elevation, plus 205 ft.

Descend 260 ft. to 1/4 sec. cor. of sec. 17, over broken southwesterly slope.

33.82 Paradise Ridge Trail, bears N. and S. Leave rocky opening, bears N. and S.

34.65 Enter heavy timber, bears N. and S. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor. of sec. 17 only, with brass cap mkd.

W

1/4 S 17

0

1931

from which

A spruce, 14 ins. diam., bears N. 29° E., 17 lks. dist., mkd. 1/4 S 17 B T.

A fir, 8 ins. diam., bears N. 74° W., 37 lks. dist., mkd. 1/4 S 17 B T.

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

307

Chains Descend 325 ft. over broken southwesterly slope.

51.25 Ravine, course S. 30° W.; ascend 195 ft. over broken southeasterly slope.

62.05 Enter rocky opening, bears N. and S.

62.85 Spur, slopes S.; descend 185 ft. over broken southwesterly slope.

77.44 The 47 mile 60 chain monument, which is a durable mound of stone, 4 ft. base and 3 ft. high. No trace can be found of the original post and the marked "W" and "O" pine trees.

At point for monument, Set an iron post, 3 ft. long, 3 ins. diam., 36 ins. in the original mound of stone to top, for 47 mile 60 chain monument, with brass cap mkd.

0 47 M 60 C

1931 W 0

from which

1931

A fir, 20 ins. diam., bears N. 79 1/2° E., 310 lks. dist., mkd. 47 M 60 C W B T. from which

A stunted fir, 12 ins. diam., bears N. 35 1/2° E., 79 lks. dist., mkd. 47 M 60 C W B T.

A fir, 8 ins. diam., bears S. 19° E., 120 lks. dist., mkd. 47 M 60 C O B T.

A fir, 10 ins. diam., bears S. 66 3/4° W., 200 lks. dist., mkd. 47 M 60 C O B T.

A fir, 12 ins. diam., bears N. 45 1/2° W., 137 lks. dist., mkd. 47 M 60 C W B T. which

This monument stands on summit of ridge, which bears N. 60° E. and S. 60° W.

Descend 80 ft. to cor. of secs. 17 and 18, over broken northwesterly slope.

79.40 Leave rocky opening, bears N. and S.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 17 and 18 only, with brass cap mkd.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. of sec. 17 only, with

T 6 N | R 39 E
W S 18 | S 17
0 1/4 17

0 1931

1931

from which

A fir, 12 ins. diam., bears N. 62° E., 42 lks. dist., mkd. T 6 N R 39 E S 17 B T. from which

A fir, 16 ins. diam., bears N. 50° W., 15 lks. dist., mkd. T 6 N R 39 E S 18 B T.

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

308

308

Chains Land, mountainous.
 Soil, sandy loam, stony; 3d and 4th rate.
 Timber, fir, yellow pine, spruce, and lodgepole pine;
 undergrowth, 2d growth fir, pine, and spruce, mountain
 laurel, mountain ash, service, greasewood, kinikinik,
 bunch grass, vine maple, currant, and thimbleberry.

 Descend 105 ft. over broken southwesterly slope.

85.25 Enter heavy timber on S. bdy. of sec. 18. N. 89° 49' W.

Descend 600 ft. over broken northwesterly slope, through heavy timber and scattering undergrowth.

20.00 Along broken N. slope.

28.70 Spur, slopes N.; enter scattering timber and dense undergrowth, bears N. and S.; descend 470 ft. over broken northwesterly slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor. of sec. 18 only, with brass cap mkd.

 Descend 115 ft. over northwesterly slope.

103.20 Ascend 205 ft. over broken northwesterly slope. 1/4 S 18

0

108.90 Spur, slopes N.; along broken N. slope.

1931

118.20 Spur, slopes N. 20° W.; descend 115 ft. over northwesterly slope. from which

122.15 A fir, 14 ins. diam., bears N. 69° E., 30 lks. dist., mkd. 1/4 S 18 B T.

132.30 A fir, 12 ins. diam., bears N. 32° W., 40 lks. dist., mkd. 1/4 S 18 B T.

Descend 360 ft. over broken northwesterly slope.

48.80 Enter grassy opening, bears N. and S.

55.10 Ridge, bears N. 60° W. and S. 60° E.; descend 455 ft. over broken southwesterly slope.

65.00 Enter heavy timber and scattering undergrowth, bears NW. and SE.; descend 20 ft. over broken southwesterly slope.

76.98 Creek, 10 lks. wide, course S.; ascend 75 ft. over rugged southeasterly slope.

78.00 Enter scattering timber, bears NW. and SE.

79.90 Spur, slopes SW.; descend 5 ft. over rugged southwesterly slope.

80.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. of lots 4 and 5 of sec. 18 only, with brass cap mkd.

W

A fir, 32 ins. diam., bears S. 26° E., 44 lks. dist., mkd. 1/4 S 18 B T.

5 | 4

A fir, 7 ins. diam., bears N. 5° W., 17 lks. dist., mkd. 1/4 S 18 B T.

1931

 This monument stands on summit of spur, which slopes N.

RESURVEY OF PART OF OREGON AND WASHINGTON BOUNDARY.

000

309

Chains

from which

A fir, 14 ins. diam., bears N. 70° E., 56 lks. dist., mkd. L 4 S 18 B T.

A fir, 18 ins. diam., bears N. 53° W., 35 lks. dist., mkd. L 5 S 18 B T.

Descend 105 ft. over broken southwesterly slope.

83.25 Enter heavy timber, bears NW. and SE.; descend 10 ft. over rolling bottom land.

84.39 Paradise Creek, 15 lks. wide, course N. 35° W.; over bottom land.

87.30 Leave bottom land, bears NW. and SE.; ascend 265 ft. over broken northeasterly slope.

100.10 The closing cor. of Tps. 6 N., Rs. 38 and 39 E., hereinafter described; on summit of spur, which slopes N. 15° E.

Thence, retrace on Oregon and Washington boundary.

Descend 115 ft. over northwesterly slope.

103.20 Ascend 205 ft. over broken northeasterly slope.

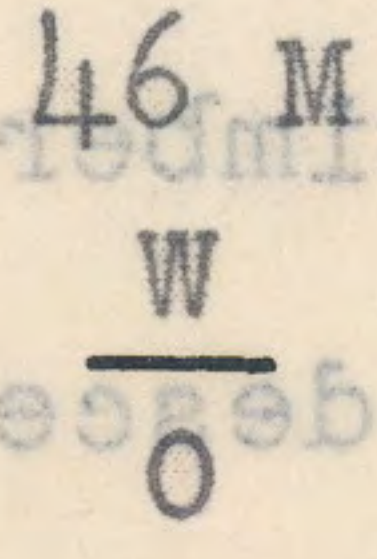
108.90 Spur, slopes N.; along broken N. slope.

118.20 Spur, slopes N. 20° W.; descend 115 ft. over northwesterly slope.

122.15 Ravine, course N.; ascend 210 ft. over broken northeasterly slope.

132.30 The 46 mile monument, which is a partly decayed fir post, 6 ins. sq., 3 ft. high, loosely set in durable mound of stone, 4 ft. base, 3 ft. high, marked W on N., O on S., and 46° L 1864 on E. and W. faces, and witnessed as described in the official record, except the bearing tree in Washington is 20 ins. diam., bears N. 10° E., 56 lks. dist. and the bearing tree in Oregon is 24 ins. diam., bears S. 6° W., 20 lks. dist. I mark 46 M in addition to the original marks on both trees.

At point for monument,
Set an iron post, 3 ft. long, 3 ins. diam., 36 ins. in the original mound of stone to top, for 46 mile monument, with brass cap mkd.



1931

from which;

new bearing trees,

A fir, 32 ins. diam., bears S. 26° E., 44 lks. dist., mkd. 46 M O B T.

A fir, 7 ins. diam., bears N. 5° W., 17 lks. dist., mkd. 46 M W B T.

This monument stands on summit of spur, which slopes N.

318

319

PART OF EAST BOUNDARY OF T. 6 N., R. 39 E.

Chains pine, and spruce, service, vine maple, small cherry, bunch grass, fern, elder, sumac, mesquite, small alder, thimbleberry, and currant.

SI 8 1/2

1931

South, on E. bdy. of sec. 13.

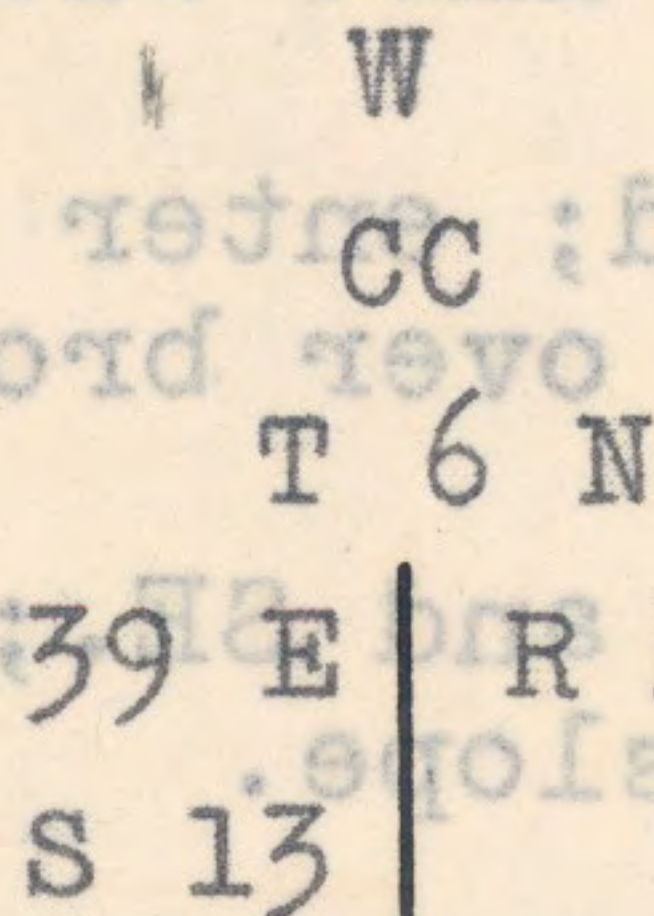
Ascend 345 ft. over broken N slope, through heavy timber and dense undergrowth.

8.55 Ridge; enter scattering timber and undergrowth, bears NE. and SW.; ascend 245 ft. over broken northeasterly slope.

11.00 Enter rocky opening, bears NW. and SE.

19.45 Spur, slopes NE.; descend 160 ft. over broken southeasterly slope.

25.92 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground to bedrock and in a mound of stone to top, for witness cor. to cor. of Tps. 6 N., Rs. 39 and 40 E., with brass cap mkd.



Leave bottom land; enter heavy timber, bears NW. and SE.; ascend 120 ft. over broken northeasterly slope.

Ridge, bears NW. and SE.; ascend 100 ft. over broken southeasterly slope.

Deep Saddle Creek, 8 lks. wide, course S. 80° E.; ascend 340 ft. over broken northeasterly slope.

Enter scattering timber, bears E. and SW.

1931

Trail, bears N. 30° E. and SW.

from which

Ridge, bears N. 70° W. and S. 40° E.; descend 290 ft.

A fir, 24 ins. diam., bears N. 68 1/2° E., 53 lks. dist., mkd. W C T 6 N R 40 E C C B T.

Creek, 5 lks. wide, course E.; enter heavy timber and

A fir, 14 ins. diam., bears N. 22 1/4° W., 124 lks. dist., mkd. W C T 6 N R 39 E S 13 C C B T.

Descend 10 ft. to point for closing cor., over broken southeasterly slope.

26.15 Leave rocky opening, bears E. and W.

26.24 Intersect Oregon and Washington boundary, 94.77 chs. N. 89° 54' W. of 54 mile 20 chain monument, hereinbefore described.

Point of intersection for closing cor. falls on unstable ground, where it is impracticable to perpetuate it.

Land, mountainous. Soil, sandy loam, stony; 3d and 4th rate. Timber, fir and larch; undergrowth, 2d growth fir and larch, small alder and willow, and Oregon grape.

Subdivision of part of T. 6 N., R. 39 E.

From the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp., which is an iron post, 2 ins. diam., 10 ins.

CERTIFICATE OF UNITED STATES SURVEYOR

4-680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
John C. Temple	Chainman
Robert G. Yates	"
William F. McQuilliam	Axman
Ray O. Davis	"
Leonard Sundell	Cornerman
Waldemar B. Campbell	Flagman

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Roy T. Campbell, U. S. Cadastral Engineer, District Cadastral Engineer for Washington

bearing date of the 17th day of April, 1929, 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

Township No. 6 North, Range No. 39 East

of the Willamette

Meridian, in the State of Washington, which are represented in

and preliminary data and on the dates shown 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 District Cadastral Engineer for Washington

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Olympia, Washington, May 25, 1932.

Roy T. Campbell, U. S. Cadastral Engineer

APPROVAL.

Office of U. S. Supervisor of Surveys Denver, Colorado, AUG 2 1932

The foregoing field notes of the survey of Township No. 6 North, Range No. 39 East of the Willamette Meridian, Washington,

executed by Roy T. Campbell, U. S. Cadastral Engineer

under his special instructions dated April 17, 1929, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Supervisor of Surveys

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.