



4-679

# FIELD NOTES

of

RESURVEY OF THE ORIGINAL UMATILLA INDIAN RESERVATION

BOUNDARY FROM THE 56½ MILE COR. TO THE SW. COR. THEREOF;

also

RESURVEY PORTION OF NORTH AND EAST BOUNDARIES AND

RETRACEMENT, RESURVEY AND SURVEY OF SUBDIVISIONAL LINES

in

TOWNSHIP NO. 2 SOUTH, RANGE NO. 34 EAST

Of the Willamette Meridian,

In the State of Oregon

EXECUTED BY

L. E. Wilkes.

In the capacity of U. S. Surveyor, under Special Instructions dated Feb. 20, 1917, issued by the United States Surveyor General to govern surveys included in Group No. 29, which were approved by the Commissioner of the General Land Office, Apr. 11, 1917, and Assignment Instructions dated May 3, 1917

Survey commenced September 5, 1917

Survey completed October 31, 1917

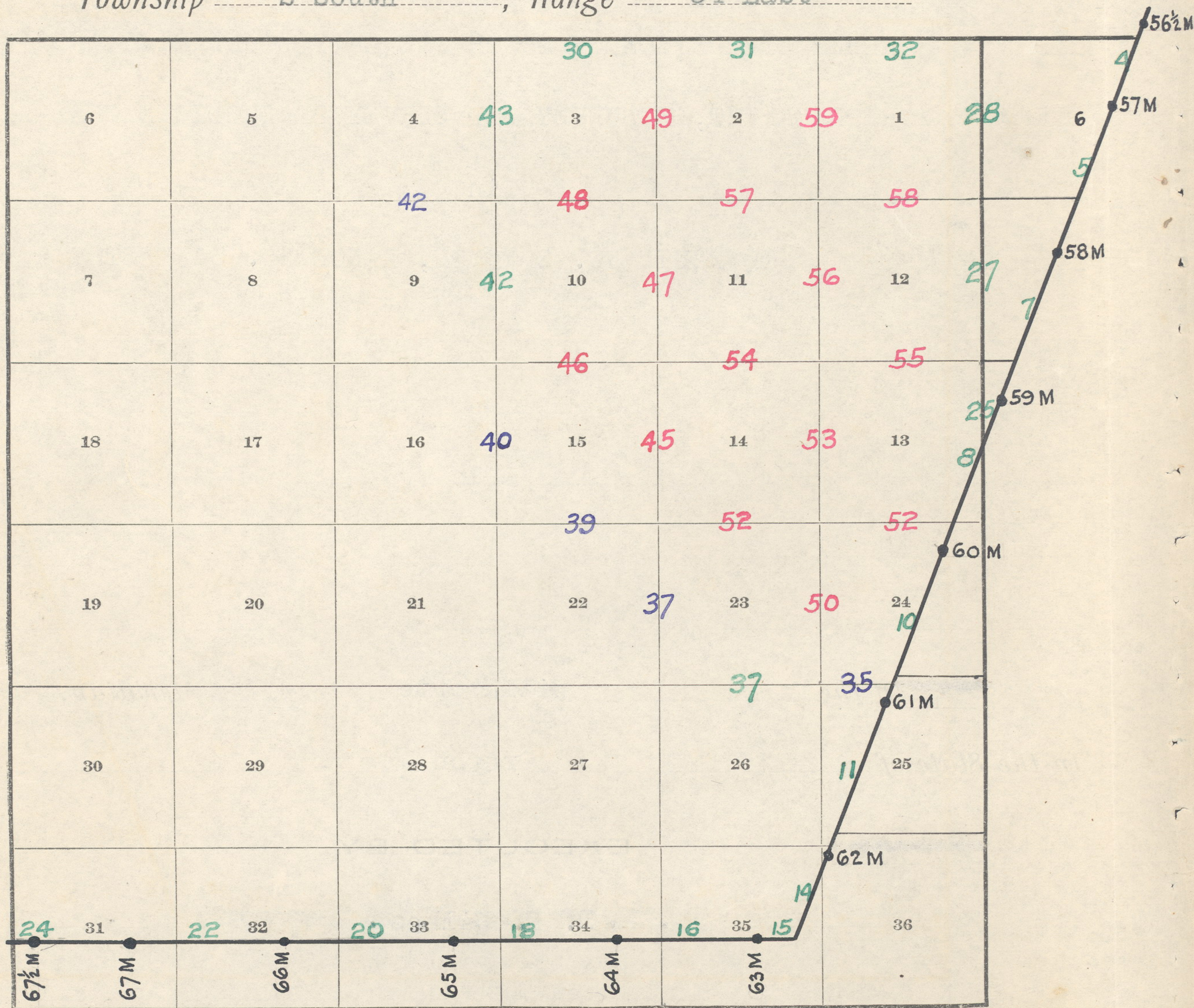
ACCEPTED BY THE HON. COMMISSIONER G. L. O. May 10, 1919



FIELD NOTES

# INDEX DIAGRAM.

Township 2 South, Range 34 East



Red indicates original surveys.

Blue indicates retracements

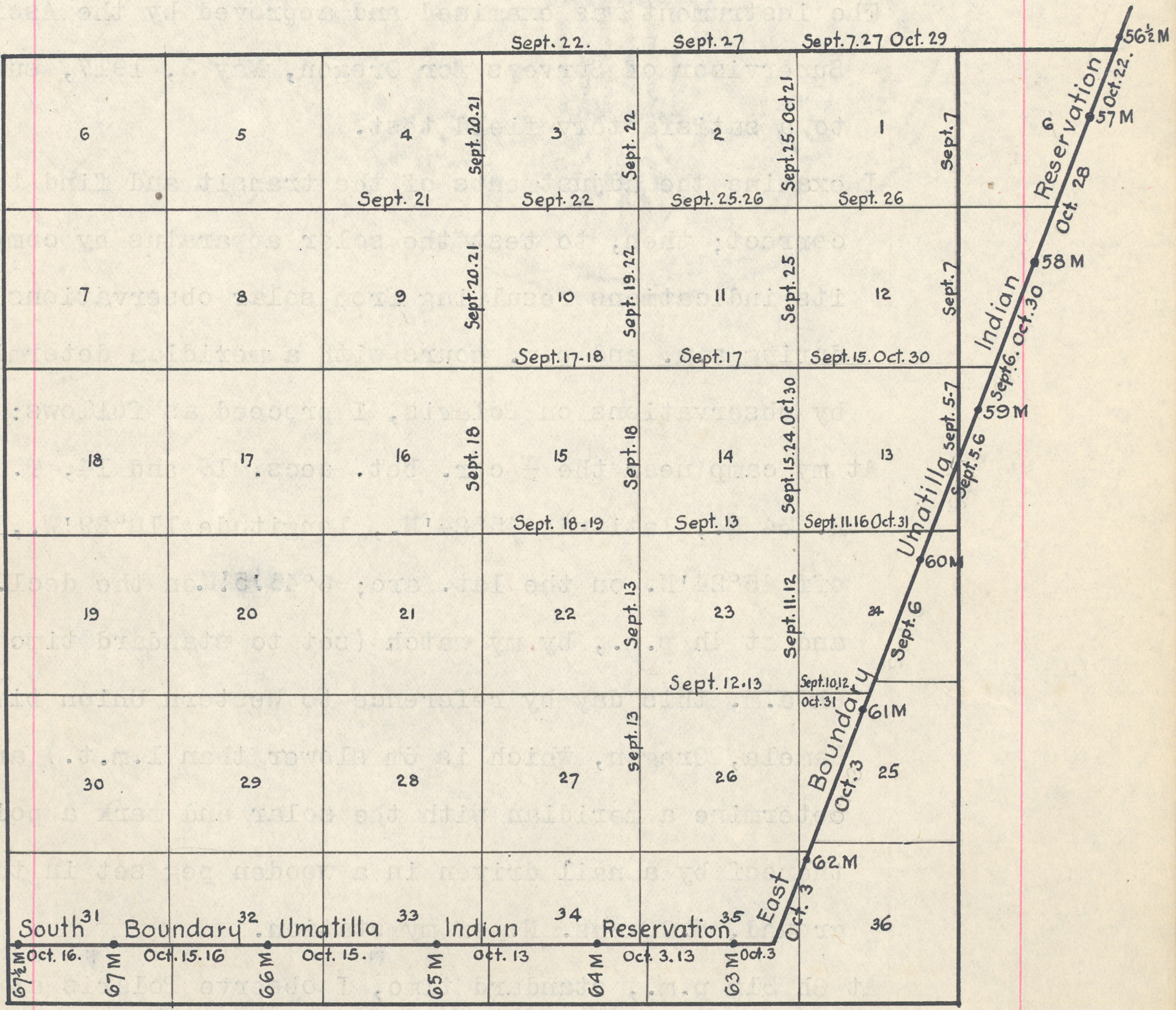
Green indicates resurveys



Township No. 2 South, Range No. 34 East

DATE DIAGRAM

Retracements, Resurveys and Surveys for Year 1917





Retracement-Resurvey of the East Boundary

15771

Original Umatilla Indian Reservation

Chains

set an iron post at this point.

Thence

N.19°31'E., on a true line, resurveying the south half of 60th Mile.

Over mountainous land, through heavy timber.

3.00 Dry gulch, course NW., 60 ft. below cor.

18.00 Brink of canyon, bears N.60°E. and S.60°W.; descend 220 ft. to

27.00 Bottom of canyon, course S.80°W.; ascend 210 ft. to

33.60 Leave canyon, bears N.60°E. and S.60°W.

37.11 Intersect range line, 23.15 chs. S.0°11'W. of the 1/4 cor.

bet. secs. 13 and 18, T. 2 S., Rs. 34 and 35 E. and set closing cor. for secs. 13 and 18, hereinafter described.

40.23 The 59 1/2 Mile Cor., heretofore described.

Land, rolling and mountainous.

Soil, light volcanic ash, rocky; 1st and 3rd rate.

Timber, yellow pine, fir and tamarack.

Undergrowth, yellow pine, fir and tamarack.

From the 60 Mile Cor. S.20°00'W., retracing the north half of 61st Mile.

39.74 Fall 52 lks. S.70°E. of the 60 1/2 Mile Cor., hereinafter described.

From the 60 1/2 Mile Cor. S.20°00'W., retracing south half of 61st Mile, continuing my measurements.

79.12 Fall 53 lks. N.70°W. of the 61 Mile Cor., which is a fir tree, 6 ins. diam., marked U R on W. and 61 M on N. side; from which

A fir, 7 ins. diam., bears N.62°E., 10 lks. dist.,

blazes healed over.

A tamarack, 8 ins. diam., bears S.17°E., 19 lks. dist.,

blazes healed over.

A pine, 30 ins. diam., bears N.62°W., 20 lks. dist.,

marked in bark U R 61 M B T. I remark in the wood,



772

Retracement-Resurvey of the East Boundary

Original Umatilla Indian Reservation

Chains

61 M U R B T.

At a point 1 lk. N.20°E. of true cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to 61 Mile Cor., with brass cap marked

T2S  
R34E  
UIR / 61M  
WC  
1917

Thence

N.19°14'E., on a true line, resurveying 61st Mile.

Over mountainous land; bench land, heavily timbered.

12.89 Intersect line bet. secs. 24 and 25, 45 lks. N.89°20'E. of old closing cor., hereinafter described.

18.53 Leave bench land, bears E. and W.; descend 860 ft. to

39.38 The 60½ Mile Cor. Cor. tree not being found position of cor. is determined from the original bearing tree. At exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 60½ Mile Cor., with brass cap marked

UIR / 60½M  
1917

from which

A fir, 12 ins. diam., bears S.86°E., 30 lks. dist., marked ½ M U R B T (old B.T.)

A white fir, 14 ins. diam., bears N.10°W., 68 lks. dist., marked 60½ M U R B T. (new B.T.)

Thence

N.20°45'E., on a true line, resurveying north half of 61st Mile.

39.50 Brook, 10 lks. wide, course N.60°W.; ascend 800 ft. to

60.40 Top of ascent; enter bench land, bears N.70°W. and S.70°E.

75.37 Dry gulch, course NW.; ascend 50 ft. to

79.12 The 60 Mile Cor., heretofore described.

Land, mountainous.



Retracement-Resurvey of the East Boundary  
Original Umatilla Indian Reservation

Chains

Soil, light loam and rocky, scant on steep ground; 2nd and 3rd rate.

Timber, pine, fir and tamarack.

Undergrowth, fir, tamarack and willow.

From the 61 Mile Cor.

S.20°00'W., retracing north half of 62nd Mile

40.19 Fall 30 lks. N.70°W. of the 61½ Mile Cor., hereinafter described.

From 61½ Mile Cor.

S.20°00'W., retracing south half of 62nd Mile, continuing my measurements

80.05 Fall 23 lks. S.70°E. of the 62 Mile Cor., which is a post, now rotted off at the ground, marked as described by the surveyor general. At exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 62 Mile Cor., with brass cap marked

T2S R34E

UIR / 62M.

1917.

from which:

A fir, 6 ins. diam., bears N.23°W., 13 lks. dist., marked U R 62 M B T (old B.T.)

A fir, 18 ins. diam., bears S.65°30'W., 21 lks. dist., marked U R 62 M B T (old B.T.)

Thence

N.20°20'E., on a true line, resurveying south half of 62nd Mile.

Over mountainous land, through heavy timber and dense undergrowth.

Descend 50 ft. to

2.60 Brook, 2 lks. wide, course NW.; ascend 70 ft. to

6.06 Intersect line bet. secs. 25 and 36, 72 lks. E. of the original closing cor., the position of which is determined by the original bearing trees, as follows:



774

Retracement-Resurvey of the East Boundary

Original Umatilla Indian Reservation

Chains

A fir, 12 ins. diam., bears N.46°E., 27 lks. dist.,  
marked C C U R B T.

A fir, 18 ins. diam., bears S.25°W., 3 lks. dist.,  
marked C C U R B T.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in  
the ground, for closing cor. of secs. 25 and 36, with  
brass cap marked

T2S R34E  
S25  
CC—S36  
UIR  
1917

from which

A fir, 18 ins. diam., bears N.68°15'W., 41 lks. dist.,  
marked T 2 S R 34 E S 25 C C B T.

A fir, 10 ins. diam., bears S.35°45'W., 78 lks. dist.,  
marked T 2 S R 34 E S 36 C C B T.

32.50 Top of ridge, bears NW. and SE., 310 ft. above closing cor.  
Descend 115 ft. to

39.86 The 61½ Mile Cor., which is a basalt rock, 10x10x10 ins.,  
marked illegibly, set in small mound of stone.

At a point 1 lk. S.20°W. of true cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for witness cor. to 61½ Mile Cor., with brass  
cap marked

WC  
T2S  
R34E  
UIR / 61½M  
1917

from which

A pine, 14 ins. diam., bears N.40°15'E., 123 lks.  
dist., marked 61½ M U R B T.

A pine, 18 ins. diam., bears N.25°W., 141 lks. dist.,  
marked 61½ M U R B T.

Thence

N.19°34'E., on a true line, resurveying north half of  
62nd Mile.



Retracement-Resurvey of the East Boundary

Original Umatilla Indian Reservation

Chains

- Descend 90 ft. to
- 46.10 Dry gulch, course NW.; ascend 40 ft. to
- 50.66 Pass 40 lks. N.70°W. of old cabin on top of ridge, descending NW.
- 54.64 Dry gulch, course W.; ascend 200 ft. to
- 68.78 Top of ascent; enter bench land, bears NW. and SE.
- 80.05 The 61 Mile Cor., heretofore described.

Land, mountainous.  
 Soil, light loam, gravelly, shallow, over basalt bedrock;  
 2nd rate.  
 Timber, pine, fir and tamarack.  
 Undergrowth, pine, fir, tamarack and willow.

- From the 62 Mile Cor.
- S.20°00'W., retracing the 63rd Mile
- 39.81 Pass 10 lks. S.70°E. of the 62½ Mile Cor., hereinafter described.
- 47.86 Fall 16 lks. S.70°E. of Angle Cor. of Umatilla Indian Reservation, which is a post, now rotted off, marked as described by the surveyor general, the markings being nearly illegible. At exact cor. point  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for angle cor., with brass cap marked

T2S R34E  
 UIR  
 1917

- from which
- A fir, 18 ins. diam., bears N.13°30'E., 43 lks. dist., marked > U R B T (new B.T.)
- A lodgepole pine, 5 ins. diam., bears S.40°45'E., 26 lks. dist., marked > U R B T (new B.T.)
- A fir, 8 ins. diam., bears S.25°W., 13½ lks. dist., marked U R B T (old B.T.)

Thence  
 N.20°25'E., on a true line, resurveying the 63rd Mile.

- 6.85 Intersect line bet. secs. 35 and 36, at the closing cor.



776

Retracement-Resurvey of the East Boundary

Original Umatilla Indian Reservation

Chains

of secs. 25 and 36, the position of which is determined from original bearing tree, as follows:

A fir, 10 ins. diam., bears S.70°E., 9 lks. dist., marked U I R B T.

The 1/4 cor. bet. secs. 35 and 36 bears N.2°10'E., 3.92 chs. dist.

8.05 The 62 1/2 Mile Cor., which is a decayed post. In its place Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 62 1/2 Mile Cor., with brass cap marked

T2S R34E

UIR / 62 1/2 M

1917

from which

A pine, 22 ins. diam., bears S.17°E., 24 1/2 lks. dist., blazes healed over and unopened.

A fir, 20 ins. diam., bears N.31°W., 34 lks. dist., blazes healed over and unopened.

I remark these trees U R 62 1/2 M B T.

Thence

N.20°08'E., continuing my measurements.

15.65 "Daly" wagon road, bears NW. and SE.

23.05 Leave rolling land and descend 400 ft., closely following summit of low ridge.

47.86 The 62 Mile Cor., heretofore described.

Land, mountainous and bench.

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

Timber, pine, fir and balsam.

Undergrowth, fir, balsam and willow.

Retracement-Resurvey of the South Boundary  
Original Umatilla Indian Reservation

From the SE. angle cor. of the Umatilla Indian Reservation West, retracing the 63rd Mile.

32.30 Fall 17 lks. N. of the 63 Mile Cor., the position of which being determined from the original bearing trees.



777

Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

At exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for 63 Mile Cor., with brass cap marked

T2SR34E

UIR

63M

1917

from which

A pine, 48 ins. diam., bears N.44°30'W., 53 lks.

dist., marked in bark 63 M U R B T (old B.T.)

A pine, 42 ins. diam., bears S.83°30'E., 28 lks. dist.,

marked in bark 63 M U R B T (old B.T.)

I remove these marks and cut the marks in the wood.

Thence

N.89°42'E., resurveying 63rd Mile

Over mountainous land, through heavy timber and medium undergrowth.

Ascend 250 ft. to

24.00 Top of ascent, bears N. and SE.; enter rolling land.

32.30 The SE. angle cor. of Umatilla Indian Reservation.

Land, mountainous and bench.

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

Timber, pine, fir and balsam.

Undergrowth, fir, balsam and willow.

From the 63 Mile Cor.

West, retracing the 64th Mile

40.26 Pass 5 lks. S. of the 63½ Mile Cor., hereinafter described.

80.39 Fall 18 lks. S. of the 64 Mile Cor., which is a basalt

stone, 16x14x6 ins., marked 64 M on W. face, set in a small mound of stone.

At a point 1 lk. W. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, 1½ ft. high, for witness cor. to the 64 Mile Cor., with

brass cap marked



778

Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

T2SR34E  
UIR WC  
64M  
1917

from which

A pine, 24 ins. diam., bears N.49°30'W., 252 lks. dist., marked U I R 64 M B T.

A pine, 6 ins. diam., bears N.21°45'E., 133 lks. dist., marked U I R 64 M B T.

Thence

S.89°49'E., resurveying the 64th Mile

Over mountainous land, not very rough, through heavy timber and medium undergrowth.

Descend 210 ft. to

16.25 Road, bears N. and S., in gulch, course S.; ascend 175 ft. to

28.80 Top of ascent, descends NW.

Descend on NE. and E. slope, 125 ft. to

34.87 The closing cor. of secs. 34 and 35, which is an old post, much decayed, marked C C U R on N. face. In its place Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 34 and 35, with brass cap marked

T2SR34E  
C | C  
S34 | S35

1917

from which

A fir, 16 ins. diam., bears S.19°30'W., 25 lks. dist., blazes grown over and unopened.

Other tree dead and fallen.

A lodgepole pine, 8 ins. diam., bears N.15°E., 39 lks. dist., marked C C T 2 S R 34 E S 35 U I R B T. (new B.T.)

A lodgepole pine, 6 ins. diam., bears N.44°W., 33 lks. dist., marked C C T 2 S R 34 E S 34 U I R B T (new B.T.)

40.13 The 63½ Mile Cor., the position of which is determined



Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

from the original bearing trees. At exact cor. point  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for 63½ Mile Cor., with brass cap marked

UIR  
63½M  
1917

from which

A tamarack, 20 ins. diam., bears S.45°E., 62 lks.

dist., marked in bark. I remark in the wood, 63½

M U R B T (old B.T.)

A lodgepole pine, 12 ins. diam., bears N.46°W., 36

lks. dist., marked ½ M U R B T. (old B.T.)

Thence

S.89°56'E., on a true line, resurveying east half of 64th  
Mile.

41.90 Dry gulch, course SE.; ascend gradually on SW. slope, 100  
ft. to

51.79 Top of ridge, descends S.; descend 130 ft. to

65.68 Dry gulch, 3 lks. wide, course S.20°W.; ascend 180 ft. to

80.39 The 63 Mile Cor., heretofore described.

Land, mountainous, not very rough.

Soil, light loam, shallow, on basalt bedrock; 2nd and 3rd  
rate.

Timber, yellow pine, lodgepole pine and fir.

Undergrowth, lodgepole pine, balsam and willow.

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From the 64 Mile Cor.

West, retracing the 65th Mile

40.36 Pass 10 lks. N. of the 64½ Mile Cor., hereinafter described.

80.37 Fall 28 lks. S. of the 65 Mile Cor., the position of which  
is determined from the original bearing trees. At the  
exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for 65 Mile Cor., with brass cap marked

T2SR34E  
UIR  
65M  
1917



780

Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

from which

A lodgepole pine, 8 ins. diam., bears S.69°E., 9 lks. dist., marked U R 65 M B T (old B.T., now fallen)

A lodgepole pine, 8 ins. diam., bears S.52°W., 24 lks. dist., marked U R 65 M B T (old B.T.)

A lodgepole pine, 8 ins. diam., bears S.85°W., 27 lks. dist., marked U R 65 M B T (old B.T., now dead)

A lodgepole pine, 8 ins. diam., bears S.79°E., 27 lks. dist., marked U I R 65 M B T (new B.T.)

A lodgepole pine, 9 ins. diam., bears N.51°W., 44 lks. dist., marked U I R 65 M B T (new B.T.)

A lodgepole pine, 7 ins. diam., bears N.87°E., 54 lks. dist., marked U I R 65 M B T (new B.T.)

Thence

S.89°27'E., on a true line, resurveying 65th Mile.

Over mountainous land, through dense small timber.

A fence follows close to line.

Descend 100 ft. to

15.32 Jennings Creek bed, 30 lks. wide, course SSE., water in holes.

Leave dense small timber; enter scattering large timber.

Ascend 340 ft. to

34.87 Intersect line bet. secs. 33 and 34, at the closing cor., which is a basalt stone, 14x9x4 ins., marked U R on N. and C C on E. faces, in mound of stone, 6 ins. high.

At a point 1 lk. N. of old closing cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the closing cor. of secs. 33 and 34, with brass cap marked

C C  
T2S R34E  
UIR  
S33 | S34  
WC  
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.



Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

40.01

Intersect 64½ Mile Cor., which is a basalt stone, 16x14x4 ins., set 12 ins. in the ground, marked ½ M on E. and U R on W. face; from which

A pine, 48 ins. diam., bears S.43°W., 44 lks. dist., marked U I R 64½ M B T.

A pine, 20 ins. diam., bears N.48°W., 102 lks. dist., blazes healed over, not opened.

At a point 1 lk. W. of cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the 64½ Mile Cor., with brass cap marked

T2S R34E  
UIR  
64½ WC  
1917

Thence

N.89°51'E., resurveying east half of 65th Mile.

Over heavily rolling land, following a fence.

Cross a draw, course SE. (exact distance not noted, about 45.00 chs.)

56.66 Cor. of fences, extending N. and W.

80.37 The 64 Mile Cor., heretofore described.

Land, high, rolling and mountainous.

Soil, shallow; 2nd rate.

Timber, yellow and lodgepole pine and fir.

Undergrowth, lodgepole pine and fir.

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From the 65 Mile Cor.

West, retracing the 66th Mile.

39.86 Pass 10 lks. N. of the 65½ Mile Cor., hereinafter described.

79.45 Fall 20 lks. S. of the 66 Mile Cor., which is an old post, much decayed, in place of which I

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground with mound of stone, 3 ft. base, 1 ft. high, raised around post, with brass cap marked

T2SR34E  
UIR  
66M  
1917



782

Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

from which the original bearing trees

A fir, 12 ins. diam., bears N.3°30'W., 34 lks. dist.,  
marked U R 66 M B T.

A fir, 15 ins. diam., bears N.33°W., 31 lks. dist.,  
marked U R 66 M B T.

A pine, 7 ins. diam., bears S.73°E., 66 lks. dist.,  
blazes healed over, not opened.

Thence

S.89°34'E., resurveying 66th Mile

Over mountainous land, through heavy timber.

Descend 380 ft. to

13.70 South fork of Jennings Creek, 15 lks. wide (now dry),  
course N.25°E.

Ascend 360 ft. to 65½ Mile Cor.

35.73 Intersect the line bet. secs. 32 and 33, 9 lks. N. of the  
original closing cor., which is a tamarack tree, 8 ins.  
diam., blazed on N., S. E. and W. faces, marked C C on  
N. face and witnessed as described by the surveyor  
general.

At the point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in  
the ground, for closing cor. of secs. 32 and 33, with  
brass cap marked

C C  
T2S R34E  
UIR  
S32 | S33

1917

from which

A tamarack, 15 ins. diam., bears N.48°30'E., 43 lks.  
dist., marked C C T 2 S R 34 E S 33 B T.

A tamarack, 16 ins. diam., bears N.20°30'W., 97 lks.  
dist., marked C C T 2 S R 34 E S 32 B T.

I obliterate marks on old closing cor. and bearing trees.

39.59 The 65½ Mile Cor., the position of which is determined  
by the original bearing trees. At exact cor. point  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in



Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

the ground, for 65½ Mile Cor., with brass cap marked

T2SR34E  
UIR  
65½M  
1917

from which

A tamarack, 6 ins. diam., bears N.43°E., 18 lks. dist.,  
blazes healed over. (old B.T.)

A tamarack, 8 ins. diam., bears S.57°E., 9 lks. dist.,  
blazes healed over (old B.T.)

Thence

N.89°52'E., on a true line, on 66th Mile

Along gradual N. slope.

55.00 Top of steep descent, bears NW. and SE.; an irregular  
fence extends N. and E.

Descend 400 ft. to

76.65 Dry gulch, course NE.

79.45 The 65 Mile Cor., heretofore described.

Land, mountainous.

Soil, light loam, shallow, 2nd rate.

Timber, pine and fir.

Undergrowth, fir, pine and willow.

From the 66 Mile Cor.

West, retracing the 67th Mile

39.99 Pass 9 lks. S. of the 66½ Mile Cor., hereinafter described.

80.26 Fall 15 lks. S. of the 67 Mile Cor., the position of  
which is determined by the original bearing trees. at  
exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the  
ground, in mound of stone, 3 ft. base, 1 ft. high, with  
brass cap marked

T2SR34E  
UIR  
67M  
1917

from which

A fir, 16 ins. diam., bears N.61°15'E., 118 lks.



784

Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

dist., marked U I R 67 M B T (old B.T.)

A fir, 24 ins. diam., bears S.61°E., 21 lks. dist.,  
marked U I R 67 M B T (old B.T.)

A fir, 20 ins. diam., bears N.23°W., 58 lks. dist.,  
blazes healed over (old B.T.)

A pine, 22 ins. diam., bears N.45°30'W., 86 lks.  
dist., marked U I R 67 M B T (old B.T.)

Thence

S.89°55'E., resurveying the 67th Mile

Over heavily rolling land, through scattering timber.

34.13 Intersect the closing cor. of secs. 31 and 32, which is  
an old post in place, marks illegible. At exact cor.  
point

Set a basalt stone, 18x12x10 ins., 12 ins. in the ground,  
marked C C U R on N., 31 on W., 32 on E., in a ring of  
stone; from which

A pine, 40 ins. diam., bears N.42°E., 120 lks. dist.,  
marked U R C C B T. I mark additionally, T 2 S R  
34 E S 32 (Lower blaze healed over and not opened).

A pine, 24 ins. diam., bears N.56°45'W., 77 lks. dist.,  
marked U R C C B T. I mark additionally, T 2 S R  
34 E S 31 (Lower blaze healed over and not opened).

36.20 Wood road, bears N. and S.

40.27 Intersect the 66½ Mile Cor., which is an old post, much  
decayed, marks illegible. At the exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for 66½ Mile Cor., with brass cap marked

T2SR34E

UIR

66½M

1917

from which

A fir, 16 ins. diam., bears S.47°30'E., 42 lks.  
dist., marked U R ½ M B T (old B.T.)

A fir, 10 ins. diam., bears N.74°30'E., 16 lks.  
dist., marked U R ½ M B T (old B.T.)



Retracement-Resurvey-of the South Boundary

Original Umatilla Indian Reservation

Chains

A tamarack, 5 ins. diam., bears N.47°E., 27 lks. dist., marked U I R 66½ M B T (new B.T.)

Thence

S.89°52'E., continuing my measurements

Descend gradually.

54.89 A spring, flowing SE., bears South, .25 lks. dist. Ascend gradually.

80.26 The 66 Mile Cor., heretofore described. Land, mountainous, near top of high ridge, not very rough. Soil, shallow; 2nd rate. Timber, yellow pine, tamarack, fir and lodgepole pine. Undergrowth, lodgepole pine on N. slope and balsam and willow.

From the 67 Mile Cor. West, retracing the 68th Mile.

40.37 Pass 15 lks. N. of the 67½ Mile Cor., hereinafter described.

45.40 Fall 20 lks. N. of angle cor., which is an old post, 3x3 ins. sq., 30 ins. above ground, marked U R on E., ¼ on S. face; no stone or mound of stone near the post. At exact cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for angle cor. of Umatilla Indian Reservation, with brass cap marked

T2S  
R33E | R34E  
SW COR  
UIR

1917

from which

A fir, 6 ins. diam., bears N.35°W., 13 lks. dist., marked  $\wedge$  U I R B.T (new B.T.)

A fir, 8 ins. diam., bears N.46°E., 45 lks. dist., marked  $\wedge$  U I R B.T (new B.T.)

A pine, 36 ins. diam., bears S.25°W., 54 lks. dist., marked U R  $\wedge$  B.T. (old B.T., not mentioned in



786

Retracement-Resurvey of the South Boundary

Original Umatilla Indian Reservation

Chains

(field notes)  
Thence  
N.89°25'E., on a true line, resurveying the 68th Mile.

Over rolling land, through scattering timber.  
5.03 Intersect the 67½ Mile Cor., which is a basalt stone,  
16x12x6 ins., marked but not legible, in a mound of  
stone.

Reset above stone, 12 ins. in the ground and mark it 67½  
M on W. and U R on N. face; from which

A pine, 24 ins. diam., bears N.45°30'E., 175 lks.

dist., marked U R ½ M B T (old B.T.)

A fir, 10 ins. diam., bears N.82°30'W., 330 lks.

dist., marked U I R 67½ M B T (new B.T.)

Thence

N.89°47'E., continuing my measurements

45.40 The 67 Mile Cor., heretofore described.

Land, rolling.

Soil, light loam, scant, on basalt bedrock; 2nd rate.

Timber, scattering pine.

Undergrowth, none.

Resurvey Portion East Bdy., T. 2 S., R. 34 E.

Retracements

From the cor. of secs. 13, 18, 19 and 24, on the E. bdy.  
of the Tp., North retracing the line bet. secs. 13 and  
18; at 40.23 chs. pass 13 lks. W. of the ¼ sec. cor.,  
and at 80.40 chs. fall 13 lks. W. of the cor. of secs.  
7, 12, 13 and 18.

North retracing the line bet. secs. 7 and 12; at 40.29  
chs. fall 19 lks. W. of the ¼ sec. cor.

This half mile being out of limits and the line subject  
to rectification, I continue my measurements, setting  
temp. cors., and at 2 miles, 82 lks. fall 19 lks. W. of  
the cor. of Tps. 1 and 2 S., Rs. 34 and 35 E.

I commence at the cor. of secs. 13, 18, 19 and 24, on the

E. bdy. of the Tp., which is a volcanic stone, 5x3x1 ft.

above ground, not marked. At the exact cor. point as

determined by the original bearing trees, cut a cross

(x) for cor. of secs. 13, 18, 19 and 24, marked with 3



Resurvey Portion East Bdy., T. 2 S., R. 34 E.

Chains

notches N. and S. of cross; from which

A tamarack, 12 ins. diam., bears N.85°E., 13 lks.

dist., marked S 18 (lower blaze healed over, not

opened) (Old B.T.) I additionally mark T 2 S R

35 E.

A tamarack stump, 10 ins. diam., bears S.41°E., 33 lks.

dist., marked T 2 S R 35 E S 19 B T (Old B.T.)

A tamarack, 16 ins. diam., bears S.61°15'W., 16 lks.

dist., marks not legible; remarked T 2 S R 34 E S

24 B T. (Old B.T.)

A fir, 10 ins. diam., bears N.37°45'W., 33 lks. dist.,

marks illegible (Old B.T.).

A tamarack, 15 ins. diam., bears N.15°W., 29 lks. dist.,

marked T 2 S R 34 E S 13 B T (New B.T.)

A pine, 14 ins. diam., bears S.62°45'E., 65 lks. dist.,

marked T 2 S R 35 E S 19 B T (New B.T.)

Thence

N.0°11'E., resurveying line bet. secs. 13 and 18.

Descend 200 ft. to

8.04 Dry gulch, course W.; ascend steep S. slope, 200 ft. to

13.43 Top of ascent, bears E. and W.; thence over rolling land.

17.08 Intersect the E. bdy. of the Umatilla Indian Reservation,

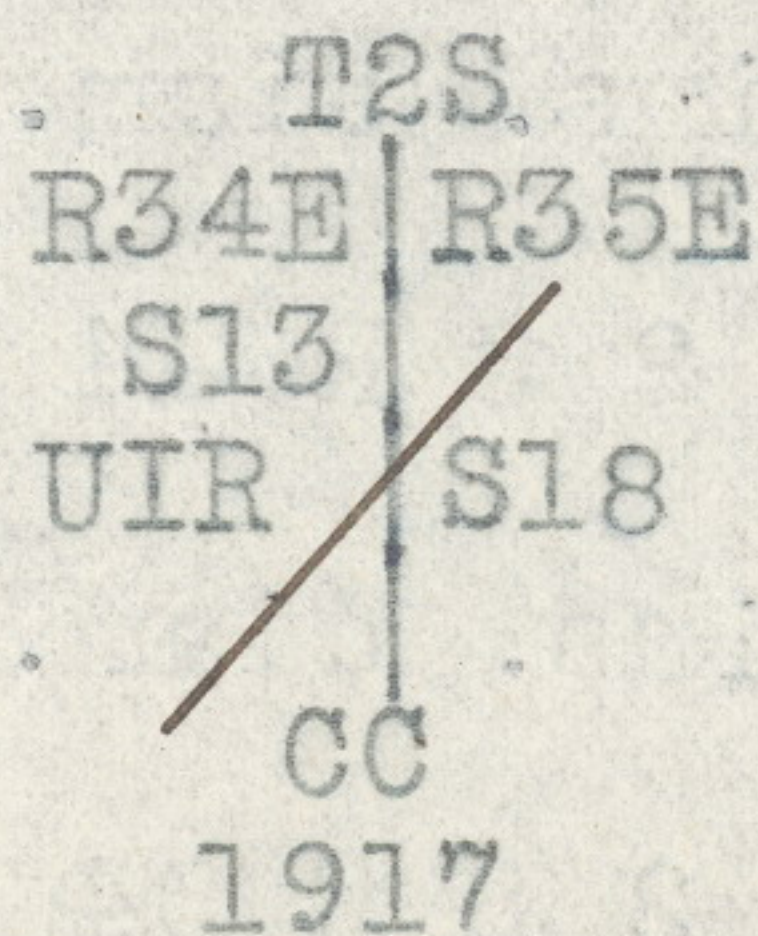
3.12 chs. S.19°31'W. from the 59½ Mile Cor.

At the point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the

ground, for closing cor. of secs. 13 and 18, with brass

cap marked



from which

A fir, 22 ins. diam., bears S.59°15'E., 77 lks. dist.,

marked C C T 2 S R 35 E S 18 B T.

A fir, 16 ins. diam., bears S.48°30'W., 64 lks. dist.,

marked C C T 2 S R 34 E S 13 B T.



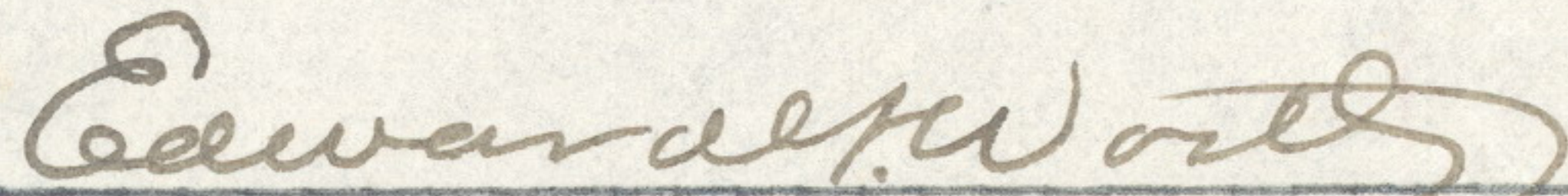
For Final Certificate of U. S. Surveyor, see Book "E"

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Approval

Office of U. S. Surveyor General,  
Portland, Oregon, August 26, 1918

The foregoing field notes of the Resurvey of the Original Umatilla Indian Reservation Boundary from the 56½ Mile Cor. to the SW. Cor. thereof; Resurvey Portion of N. and E. Bdrs. and Retracement, Resurvey and Survey of Subdivisional Lines in Township No. 2 South, Range No. 34 East of the Willamette Meridian, Oregon, executed by L. E. Wilkes, U. S. Surveyor, under his special instructions dated February 20, 1917, 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. Surveyor General

