



4-679

FIELD NOTES

OF THE

RETRACEMENT-RESURVEY OF SUBDIVISIONAL LINES,

SUBDIVISION OF SECTION 10

and

SURVEY OF CEMETERIES IN SAID SECTION,

TOWNSHIP NO. 2 NORTH, RANGE NO. 33 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 Aug. 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, Sept. 5, 1917, and Assignment Instructions dated Sept. 13, 1917

Survey commenced November 26, 1917

Survey completed December 6, 1917

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

FIELD NOTES

INDEX DIAGRAM.

Township 2 North, Range 33 East

6	5	4	3	2	1
			4	3	
7	8	9	5	9	10
				7	
			8		
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Survey of Cemetery No. 1, page 10
 " " " No. 2 " 11

Red indicates original surveys.

Green indicates resurveys.

Township No. 2 North, Range No. 33 East

DATE DIAGRAM

of

Retracements, Resurveys and Surveys for Year 1917

6	5	4	3	2	1
		Nov. 26-27	Nov 27	Dec. 2	
7	8	9	4	Dec. 4	11
		Nov. 26	Dec. 2, 5, 6	Dec. 4 1 2 Cemeteries	Dec. 3-6.
18	17	16	15	Nov. 28	Dec. 1
				Dec. 6	Nov. 28
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Cemeteries surveyed on December 5 & 6

Retracement-Resurvey of Subdivisions, T. 2 N., R. 33 E.

Chains

Survey commenced Nov. 26, 1917 and executed with a Young and Sons transit No. 8585 with Smith solar attachment. For description, test and approval of instrument and method of measurements, see Book "B" of this Group.

I commence at the cor. of secs. 9, 10, 15 and 16 and run N.0°25'W. for a flag on the $\frac{1}{4}$ cor. bet. secs. 9 and 10; at 20.00 chs. find no trace of the $\frac{1}{16}$ sec. cor.; at 40.24 chs. intersect the $\frac{1}{4}$ sec. cor.; at 57.91 chs. center of O.W.R.R. and N. Ry. bearing N.85°16'W. and S.85°16'E.; at 60.38 chs. the $\frac{1}{16}$ sec. cor., reestablished by county surveyor; at 80.00 chs. no trace of the cor. of secs. 3, 4, 9 and 10, set temp. cor.; at 92.42 chs. S. edge of orchard, probably the garden mentioned in the field notes; at 94.67 chs. old well, 10 ft. deep, mentioned in old notes; at 99.88 chs. pass about 5 lks. W. of a house; at 101.97 chs. find no trace of $\frac{1}{16}$ sec. cor.; at 109.40 chs. fence bears E. and W., enter road; at 121.59 chs. intersect the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5, as recently reestablished in private survey by Geary Kimbrell, which is a basalt stone, 8x5x4 ins. above ground, marked $\frac{1}{16}$ on W. face, and at 157.61 chs. intersect the cor. of secs. 3 and 4 on N. bdy. of the Tp., previously described.

I return along my random line and move the temp. cor. of secs. 3, 4, 9 and 10, N.0°25'W., 58 lks. to apporportioned point for said cor. From the temp. cor. of secs. 3, 4, 9 and 10, N.89°54'W., retracing the line bet. secs. 4 and 9; at 39.65 chs. fall 31 lks. S. of the $\frac{1}{4}$ sec. cor.

From the temp. cor. of secs. 3, 4, 9 and 10, East retracing the line bet. secs. 3 and 10; at 40.00 chs. find no trace of the $\frac{1}{4}$ sec. cor., set temp. cor., and at 81.18 chs. fall 1 lk. N. of the cor. of secs. 2, 3, 10 and 11.

The cor. of secs. 2, 3, 10 and 11 is a water worn stone, 5x4x5 ins. above ground, firmly set, marked X on top, with 5 notches on S. and 2 notches on E. edge and stands on left bank of a creek, 15 lks. wide, course N.60°W. This stone was set by Geary Kimbrell in agreement with the original cor. and bearing trees as same were pointed out to him by an Indian living near, and agreeing with a fence bearing N. and S.

At a point 2 lks. S. of the cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the cor. of secs. 2, 3, 10 and 11, with brass cap marked

Retracement-Resurvey of Subdivisions, T. 2 N., R. 33 E.

Chains

WC	
T2N	R33E
S3	S2
S10	S11
1917	

from which

A cherry, 4 ins. diam., bears N.65°E., 17 lks. dist., marked W C T 2 N R 33 E S 2 B T.

An alder, 8 ins. diam., bears S.43°30'E., 38 lks. dist., marked W C T 2 N R 33 E S 11 B T.

An alder, 7 ins. diam., bears S.39°W., 32 lks. dist., marked W C T 2 N R 33 E S 10 B T.

An alder, 10 ins. diam., bears N.41°30'W., 51 lks. dist., marked W C T 2 N R 33 E S 3 B T.

Thence

West, resurveying the line bet. secs. 3 and 10.

Over bottom land, through small timber and dense undergrowth.

- 5.00 Brook, 25 lks. wide, course SW.
- 30.00 Enter gravel bar, abandoned channel of Umatilla River, bears N.75°W. and S.75°E.
- 40.26 Apportioned distance, point for 1/4 sec. cor. falls on gravel bar subject to overflow.

At a point S.0°10'W., 3.00 chs.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked

WC	
1/4	S3
S10	
1917	

from which

A cottonwood, 20 ins. diam., bears S.50°W., 26 lks. dist., marked W C 1/4 S 10 B T.

A cottonwood, 18 ins. diam., bears S.65°E., 84 lks. dist., marked W C 1/4 S 10 B T.

- 50.00 Umatilla River, 2.00 chs. wide, course N.75°W.
- 60.00 Umatilla River, 2.50 chs. wide, course S.75°W.
- 75.00 Umatilla River, 1.00 ch. wide, course N.80°W.

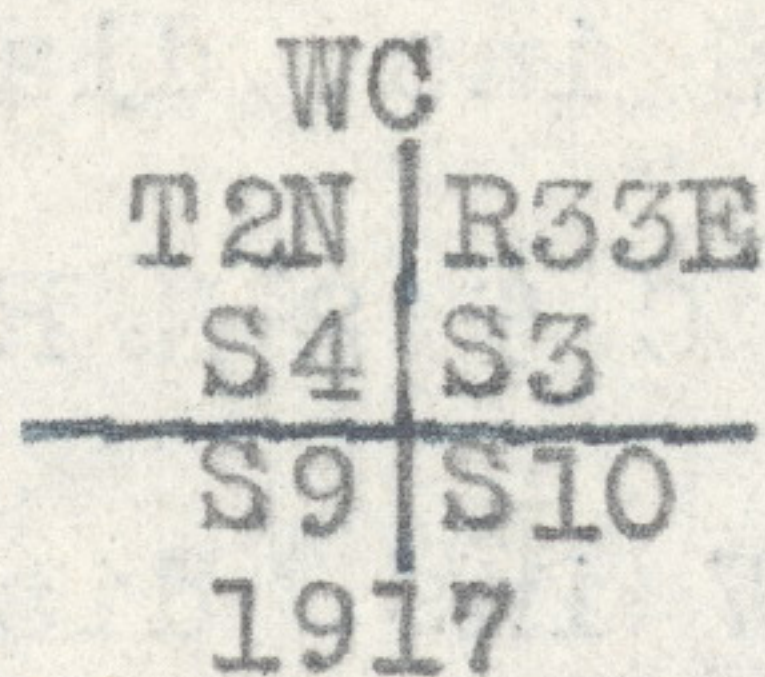
Retracement-Resurvey of Subdivisions, T. 2 N., R. 33 E.

Chains
80.52

Apportioned distance, point for cor. of secs. 3, 4, 9 and 10 on gravel bar, subject to overflow.

At a point S.6°36'W., 5.21 chs.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the cor. of secs. 3, 4, 9 and 10, with brass cap marked



from which

A cottonwood, 10 ins. diam., bears N.76°W., 20½ lks. dist., marked W C T 2 N R 33 E S 9 B T.

A cottonwood, 10 ins. diam., bears S.49°E., 77 lks. dist., marked W C T 2 N R 33 E S 10 B T.

No other trees available; raise a mound of stone, 3 ft. base, 1½ ft. high, W. of post.

The 1/16 sec. cor. set by County Surveyor bears S.0°25'E., 15.01 chs. dist.

Land, level bottom.

Soil, rich loam, underlaid with gravel and gravel bars, 1st and 3rd rate.

Timber, cottonwood.

Undergrowth, willow, thorn, clematis and cottonwood.

N.89°28'W., resurveying the line bet. secs. 4 and 9.

Over gravel bar adjacent to Umatilla River.

5.00 Edge of water, 5.00 chs. wide, course S.80°W.

Thence over bottom land, through scattering timber and dense undergrowth.

40.31 Intersect the ¼ cor. bet. secs. 4 and 9, which is a basalt stone, 5x5x4 ins. above ground, firmly set, marked X on top. I raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

I am advised by Geary Kimbrell of Pendleton that this stone is a reestablishment of the original ¼ sec. cor. and

Retracement-Resurvey of Subdivisions, T. 2 N., R. 33 E.

Chains

entitled to be accepted as such. I find no trace of the original bearing tree or other evidence of the old cor.

Land, level bottom.

Soil, rich loam and gravel bar underlaid with gravel, 1st and 3rd rate.

Timber, cottonwood.

Undergrowth, willow, thorn, clematis and cottonwood.

From the point for cor. of secs. 3, 4, 9 and 10

S.0°31'W., resurveying line bet. secs. 9 and 10.

Over gravel bar.

4.94 Leave bar; over bottom land, bears E. and W.

22.69 Center of O.W.R.R. and N. Ry., bears N.85°16'W. and S.85°16'E.

40.58 Intersect the 1/4 sec. cor. as reestablished by the county surveyor, which is a water worn basalt stone, firmly set below the surface of the ground at intersection of roads extending in cardinal directions, marked X on top and 1/4 on W. face.

At a point S.66°E., 110 lks.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked

WC 1/4
S9 | S10
1917

from which

A cottonwood, 22 ins. diam., bears N.40°15'E., 105

lks. dist., marked W C 1/4 S 10 B T.

A cottonwood, 18 ins. diam., bears S.41°45'W., 170 1/2

lks. dist., marked W C 1/4 S 9 B T.

Thence

S.0°25'E., continuing my measurements

46.19 Brook, 4 lks. wide, course N.75°W.

80.82 Intersect the cor. of secs. 9, 10, 15 and 16, which is a

840

Retracement-Resurvey of Subdivisions, T. 2 N., R. 33 E.

Chains

basalt stone, 6x4x4 ins. above ground, firmly set, marked with 4 notches on S. and 3 notches on E. edge.

This cor. was set by the county surveyor at the point where he claims to have found the original cor.

As the cor. is in road; at a point 45 1/2 lks. east

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. to the cor. of secs. 9, 10, 15 and 16, with brass cap marked

T2N	R33E
S9	S10
WC	S16
	S15
1917	

Fences extend E. and W. from edges of road opposite this cor.

Land, level and rolling.

Soil, light loam, 1st rate.

Timber, scattering cottonwood.

Undergrowth, none.

From the cor. of secs. 9, 10, 15 and 16, S.89°51'E. retracing the line bet. secs. 10 and 15; at 40.07 chs. fall 40 lks. S. of the 1/4 sec. cor. From the 1/4 sec. cor. I continue my retracement N.89°51'E., bet. secs. 10 and 15; at 19.95 chs. no trace of the 1/16 sec. cor., and at 39.90 chs. no trace of the cor. of secs. 10, 11, 14 and 15, set temp. cor.

From the temp. cor. of secs. 10, 11, 14 and 15, S.89°54'E. retracing line bet. secs. 11 and 14, counting distance from the 1/4 cor. bet. secs. 10 and 15; at 80.56 chs. no trace of the 1/4 sec. cor.; at 100.53 chs. no trace of the 1/16 sec. cor.; at 120.25 chs. middle of road bearing N. and S. Make special search, but find no trace of the cor. of secs. 11, 12, 13 and 14; find a stone, loose, at side of road, probably the original cor. stone but no marks identified; at 123.53 chs. a spring branch, course N.; at 160.57 chs. fall 9 lks. N. of the 1/4 sec. cor. where I find an old post, below the surface of the ground in middle of road extending E. and W. and in line with a fence extending S.

At the point occupied by old stake, set an iron plowshare, vertical 20 ins. below surface, above which set a basalt stone, 20x12x10 ins., 18 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face.

At a point 43 lks. S. of cor. Set a basalt stone, 14x12x12 ins., 24 ins. in the ground, for witness cor. to the 1/4 sec. cor., marked WC 1/4 on N. face.

Returning to the temp. cor. of secs. 10, 11, 14 and 15, I move it N.89°51'E., 26 lks. to the apportioned longitudinal position for said sec. cor.

Thence

Retracement-Resurvey of Subdivisions, T. 2 N., R. 33 E.

Chains

South, retracing line bet. secs. 14 and 15; at each 20.00 chs. make search for 1/16 sec. cors. and 1/4 sec. cor., but find no trace of same, and at 80.60 chs. fall 2 lks. W. of cor. of secs. 14, 15, 22 and 23, which is the butt of an old post, below the surface of the ground, agreeing very well with physical evidences of the cor. In place of the old post set a water worn basalt stone, 18x12x12 ins., 16 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked with 3 notches on S. and 2 notches on E. edge.

From the temp. cor. of secs. 10, 11, 14 and 15, North retracing the line bet. secs. 10 and 11; at 20.00 chs. find no trace of the 1/16 sec. cor.; at 40.00 chs. find no trace of the 1/4 sec. cor.; at 50.69 chs. center of O.W.R.R. and N. Ry., bears N.85°16'W. and S.85°16'E.; at 60.00 chs. find no trace of the 1/16 sec. cor., and at 80.28 chs. fall 30 lks. W. of cor. of secs. 2, 3, 10 and 11, previously described.

From the cor. of secs. 2, 3, 10 and 11

S.0°13'W., resurveying the line bet. secs. 10 and 11.

Over bottom land, through medium undergrowth.

- 10.00 Enter gravel bar, bears E. and W.
- 21.10 Umatilla River, 1.50 chs. wide, course NW.
- 22.60 Enter cultivated field, bears NW. and SE.
- 29.61 Center of O.W.R.R. and N. Ry., bears N.85°16'W. and S.85°16'E.
- 39.69 Fence, bears E. and W.; enter road.
- 40.22 Apportioned distance, point for 1/4 sec. cor. in road.
Set a basalt stone, 18x15x12 ins., 16 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face.
- 40.49 Fence, bears E. and W.; leave road; enter field.
- 40.53 As the point for 1/4 sec. cor. falls in road.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked

WC
45
1/4
S10 | S11
1917

- 65.15 Brook, 6 lks. wide, course N.60°W.
- 80.44 Apportioned distance
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass

842

Retracement-Resurvey of Subdivisions, T. 2 N., R. 33 E.

Chains

cap marked

T2N	R33E
S10	S11
S15	S14
1917	

This cor. is in grain field and all accessories are impracticable.

The cor. of secs. 14, 15, 22 and 23 bears S.0°01'E., 80.44 chs. dist.

Land, bottom and rolling.

Soil, light loam, 1st rate.

Timber, none.

Undergrowth, willow, thorn and cottonwood to N. of river.

N.89°55'W., resurveying the line bet. secs. 10 and 15.

Over-rolling wheat field.

40.16 Intersect the old 1/4 sec. cor., which is the point of an old post, 12 ins. below surface of the ground under a fence, bearing N. and S.

At the exact cor. point

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

S10
1/4 S15
1917

Set an iron can, 24 ins. long, 12 ins. diam., filled with earth, 15 ins. in the ground, 2 ft. N. and another 2 ft. S. of cor.

Thence

S.89°35'W., continuing my measurements

48.20 Fence, bears W. and SE.

60.00 Fence, bears S.

79.77 1/2 Witness cor. to the cor. of secs. 9, 10, 15 and 16.

Enter road.

80.23 The cor. of secs. 9, 10, 15 and 16.

Land, rolling.

Soil, light loam, 1st rate.

Timber, none.

Undergrowth, none.

Subdivision of Sec. 10, T. 2 N., R. 33 E.

Chains

From the 1/4 cor. bet. secs. 9 and 10, a flag on the 1/4 cor. bet. secs. 10 and 11 is plainly visible; therefore, I run N.89°48'E. for said cor., on random latitudinal center line of sec. 10 for distance only; at 40.00 chs. set temp. center 1/4 cor. of sec. 10 and at 80.71 chs. intersect the 1/4 cor. bet. secs. 10 and 11.

From the 1/4 cor. bet. secs. 10 and 15.

N.0°10'E., on random meridional center line of sec. 10;

at 40.06 chs. intersect latitudinal center line, 50 lks.

N.89°48'E. of temp. center 1/4 cor., and at 80.46 chs.

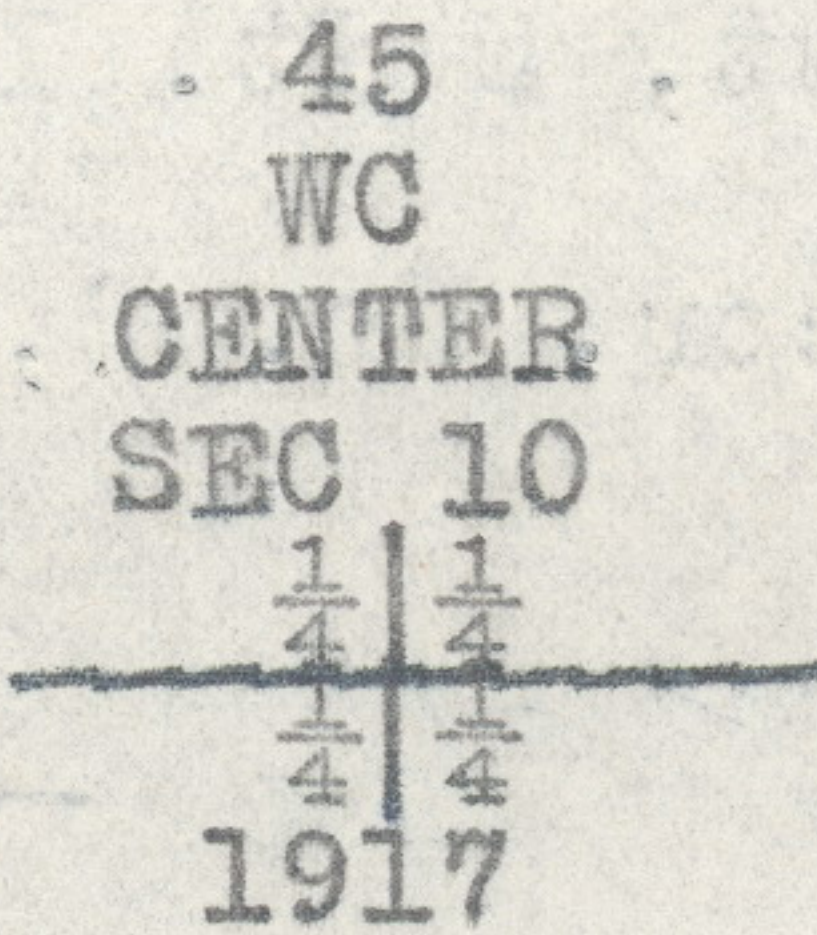
intersect point for 1/4 cor. bet. secs. 3 and 10.

Thence

S.0°10'W., on true meridional center line of sec. 10.

Over gravel bar, along road.

- 1.59 Umatilla River, .1.80 chs. wide, course W.
- 2.49 Enter timber and undergrowth, bears E. and W.
- 3.00 The witness cor. to the 1/4 sec. cor. bet. secs. 3 and 10.
- 11.59 Leave timber and undergrowth, bears E. and W.
- 26.10 Center of O.W.R.R. and N. Ry., bears N.85°16'W. and S.85°16'E.
- 40.40 Intersect latitudinal center line of sec. 10 in road bearing E. and W., point for center 1/4 cor. of sec. 10 from which the 1/4 cor. bet. secs. 10 and 11 bears N.89°48'E., 40.21 chs. and 1/4 cor. bet. secs. 9 and 10 bears S.89°48'W., 40.50 chs. dist.
- 40.58 As point for center of sec. 10 falls in road
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to the center 1/4 cor. of sec. 10, with brass cap marked



- 40.73 Fence, bears E. and W., corners 15 lks. W. of line, from which point it extends S. direct to 1/4 sec. cor.
- 49.59 Brook, 10 lks. wide, course W.
- 55.59 Ascend bluff, 30 ft. high, to

844

Subdivision of Sec. 10, T. 2 N., R. 33 E.

Chains
 57.59 Top of bluff, bears E. and W.; ascend gradually to
 80.46 The $\frac{1}{4}$ cor. bet. secs. 10 and 15.

Boundaries of Sec. 10, T. 2 N., R. 33 E.
 Latitudes, departures and closing errors

Line designated	True bearing	Dist. Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W. bdy. sec. 10	(N.0°25'W.	40.24	40.24			.29
	(N.0°31'E.	40.58	40.58		.37	
N. bdy. sec. 10	East	80.52			80.52	
E. bdy. sec. 10	S.0°13'W.	80.44		80.44		.30
S. bdy. sec. 10	(N.89°55'W.	40.16	.06			40.16
	(S.89°35'W.	40.07		.29		40.07
Convergency.....					.02	

Totals80.88 80.73 80.91 80.82
 80.73 80.82
 Error in Lat.....0.15
 Error in Dep..... 0.09

Survey of Cemeteries in Sec. 10, T. 2 N., R. 33 E.

Chains
 From the center of sec. 10
 S.18°00'E., through SE $\frac{1}{4}$ of sec. 10.
 19.55 To NW. cor. of cemetery No. 1.
 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
 the ground, for cor. No. 1, Cemetery No. 1, with brass
 cap marked

CEM
COR 1
1917

 Thence
 East, on N. bdy. of cemetery.
 2.619 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for cor. No. 2, Cemetery No. 1, with brass cap
 marked

CEM 1
COR 2
1917

 Thence
 S.9°15'W., on E. bdy. of cemetery.
 2.773 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Survey of Cemeteries in Sec. 10, T. 2 N., R. 33 E.

Chains

2.947 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 3, Cemetery No. 2, with brass cap marked

CEM 2
COR 3
1917

The cor. of secs. 10, 11, 14 and 15 bears S.48°49'E., 25.67 chs. dist.

Thence N.82°10'W., on S. bdy. of cemetery.

3.187 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 4, Cemetery No. 2, with brass cap marked

CEM 2
COR 4
1917

Cor. No. 3, Cemetery No. 1 bears N.82°10'W., 9.311 chs. dist.

Thence N.10°49'E., on W. bdy. of cemetery.

4.017 To cor. No. 1, the place of beginning.
Area of Cemetery No. 2, 1.13 acres.

Dec. 6, 1917.

L. E. Wilkes
U. S. Surveyor

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

APPROVAL

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

The foregoing field notes of the Retracement-Resurvey of Subdivisional Lines, Subdivision of Section 10 and Survey of Cemeteries in said Section, Township No. 2 North, Range No. 33 East of the Willamette Meridian, Oregon, executed by L. E. Wilkes, U. S. Surveyor, under his special instructions dated August 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.

Edmund Wells
U. S. Surveyor General