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U.S. SURVEYOR GENERALS OFFICE
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PORTLAND, OREGON

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U.S. SURVEYOR GENERALS OFFICE
OCT 5 1916
PORTLAND, OREGON

FIELD NOTES

of

RESURVEYS AND ADDITIONAL SURVEYS in

T. 5 N., R. 26 E.

Of the Willamette Meridian,

In the State of Oregon

EXECUTED BY

Joseph A. Ganong

In the capacity of U. S. Surveyor, under instructions dated March 8, 1915,
issued by the United States Surveyor General to govern surveys included in
Group No. 9, which were approved by the Commissioner of the General Land
Office, April 30, 1915

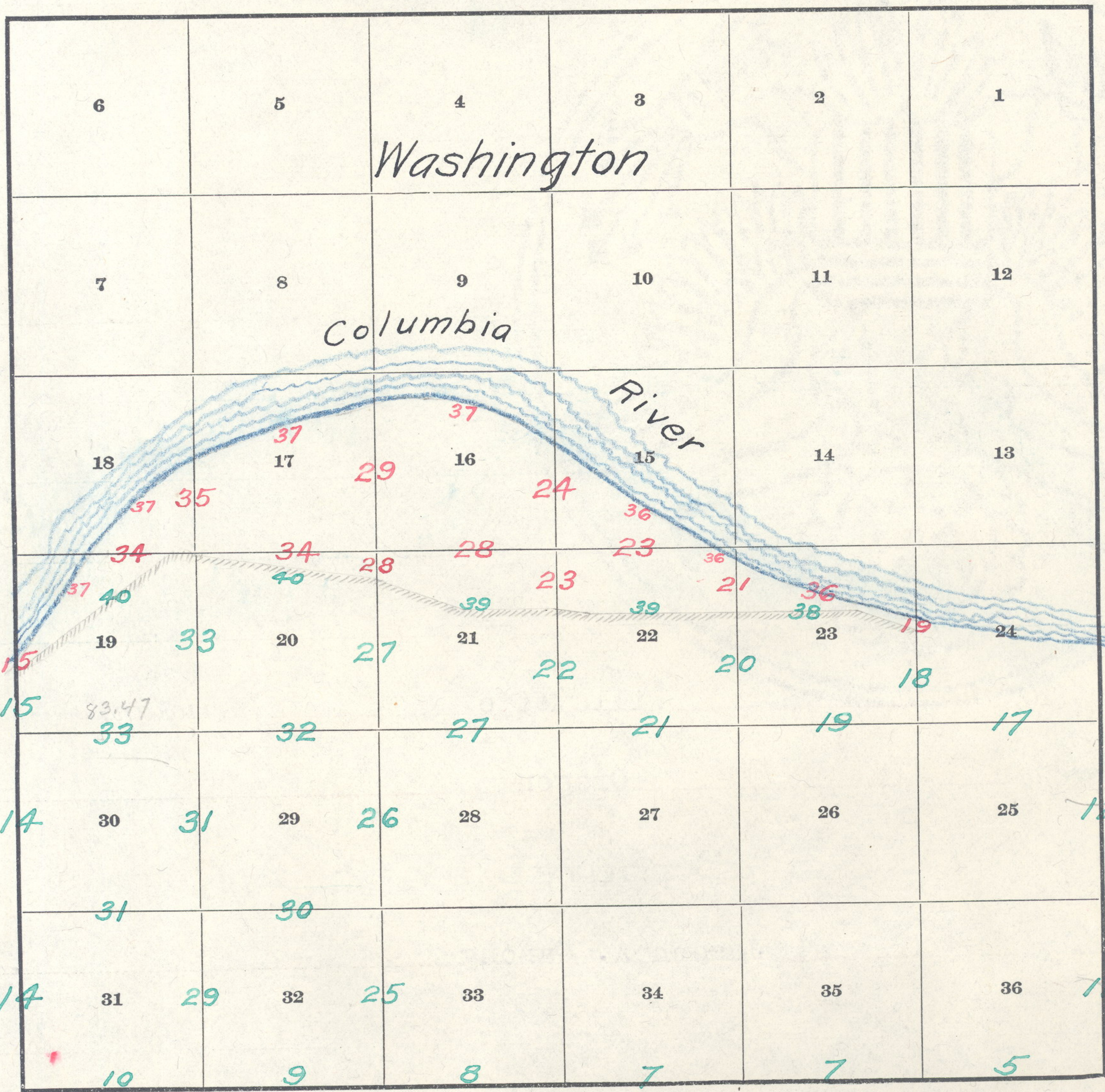
Survey commenced Oct. 6, 1915

Survey completed Oct. 20, 1915

ACCEPTED BY THE HON. COMMISSIONER G. L. O. Oct. 16, 1916

INDEX DIAGRAM.

Township 5 N., Range 26 E.



First Standard Parallel North

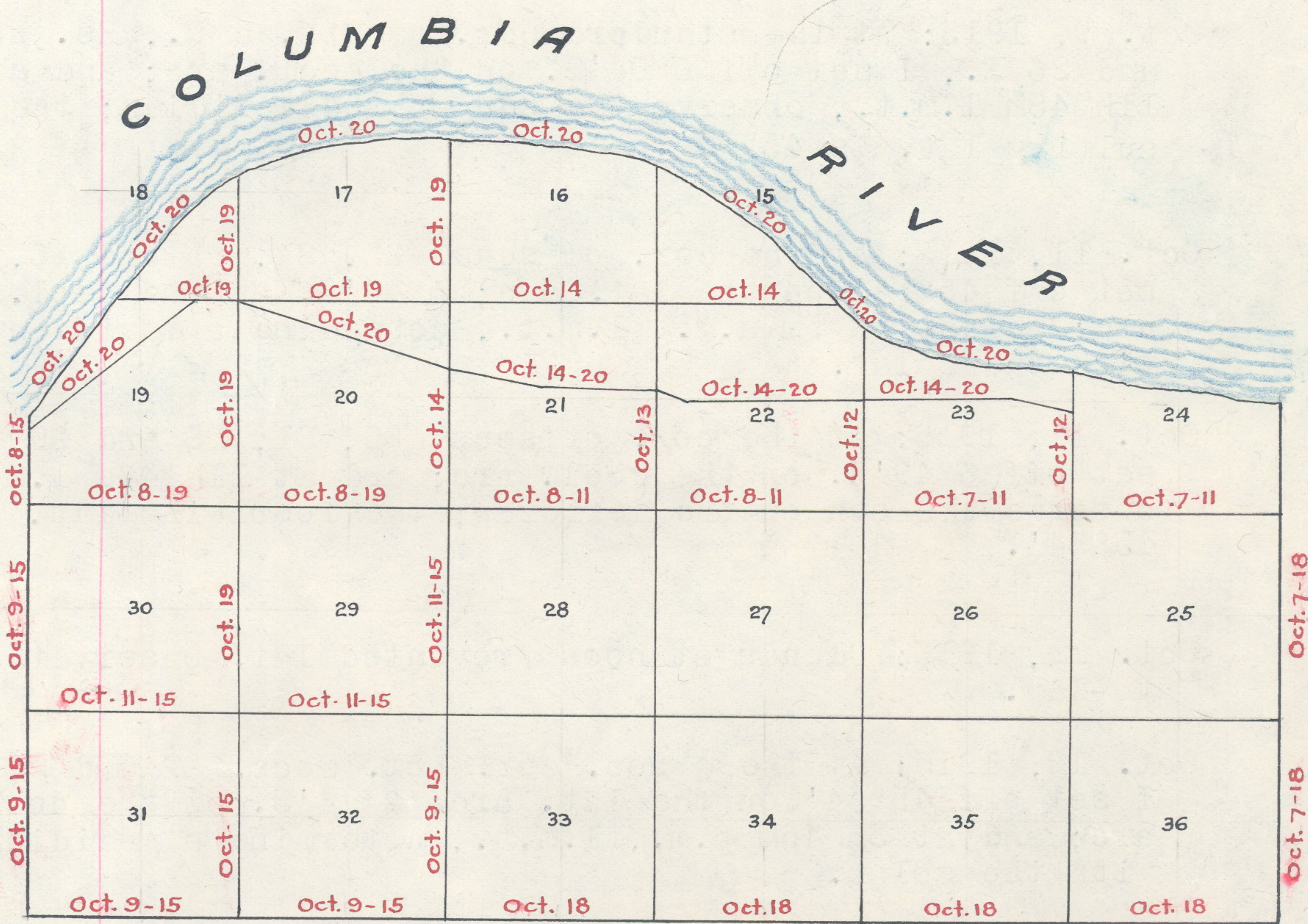
- Original Surveys
- Resurveys

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DATE DIAGRAM

Dates of Survey for year 1915

T.5 N.R.26 E.



Observations, T. 5 N., R. 26 E.

Chains

- Oct. 7, 1915: At the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., I set off $45^{\circ}54'$ on the lat. arc; $5^{\circ}14'S$ on the decl. arc; and at 9h 4m a.m., l.m.t., determine a meridian with the solar.
- Oct. 7, 1915: At the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., I set off $5^{\circ}18'S$ on the decl. arc; and at 11h 48m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}53'$.
- Oct. 8, 1915: At the cor. of secs. 22, 23, 26 and 27, I set off $45^{\circ}54'$ on the lat. arc; $5^{\circ}36'S$ on the decl. arc; and at 8h 15m a.m., l.m.t., determine a meridian with the solar.
- Oct. 8, 1915: At the cor. of secs. 19, 20, 29 and 30, I set off $5^{\circ}41'S$ on the decl. arc; and at 11h 48m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}54'$.
- Oct. 9, 1915: At the cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the Tp., I set off $45^{\circ}54'$ on the lat. arc; $6^{\circ}0'S$ on the decl. arc; and at 9h 0m a.m., l.m.t., determine a meridian with the solar.
- Oct. 9, 1915: At the standard cor. of Tps. 5 N., Rs. 25 and 26 E., I set off $6^{\circ}04'S$ on the decl. arc; and at 11h 48m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}52'$.
- Oct. 11, 1915: At the cor. of secs. 23, 24, 25 and 26, I set off $45^{\circ}54'$ on the lat. arc; $6^{\circ}44'S$ on the decl. arc; and at 8h 5m a.m., l.m.t., determine a meridian with the solar.
- Oct. 11, 1915: At the cor. of secs. 20, 21, 28 and 29, I set off $6^{\circ}49'S$ on the decl. arc; and at 11h 47m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}54'$.
- Oct. 12, 1915: Clouds at noon prevented lat. observation to-day.
- Oct. 12, 1915: At the $\frac{1}{4}$ sec. cor. bet. secs. 22 and 23, I set off $45^{\circ}54'$ on the lat. arc; $7^{\circ}14'S$ on the decl. arc; and at 3h 45m p.m., l.m.t., determine a meridian with the solar.
- Oct. 13, 1915: Sun obscured by clouds at noon to-day, observation for latitude not possible.
- Oct. 13, 1915: At the $\frac{1}{4}$ sec. cor. bet. secs. 21 and 22, I set off $45^{\circ}54'$ on the lat. arc; $7^{\circ}37'S$ on the decl. arc; and at 3h 0m p.m., l.m.t., determine a meridian with the solar.
- Oct. 14, 1915: At the angle point bet. secs. 23 and 24, I set off $45^{\circ}54'$ on the lat. arc; $7^{\circ}52'S$ on the decl. arc; and at 8h 15m a.m., l.m.t., determine a meridian with the solar.
- Oct. 14, 1915: At the cor. of secs. 15, 16, 21 and 22, I set off $45^{\circ}55'$ on the lat. arc; $7^{\circ}57'S$ on the decl. arc; and at 11h 46m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}55'$.

Observations, T. 5 N., R. 26 E.

Chains

Oct. 15, 1915: At the standard cor. of secs. 32 and 33, on the S. bdy. of the Tp., I set off $45^{\circ}52'$ on the lat. arc; $8^{\circ}16'S.$ on the decl. arc; and at 8h 50m a.m., l.m.t., determine a meridian with the solar.

Oct. 15, 1915: At the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., I set off $8^{\circ}19'S.$ on the decl. arc; and at 11h 46m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}53'$.

Oct. 18, 1915: At the standard cor. of Tps. 5 N., Rs. 26 and 27 E., I set off $45^{\circ}52'$ on the lat. arc; $9^{\circ}20'S.$ on the decl. arc; and at 8h 10m a.m., l.m.t., determine a meridian with the solar.

Oct. 18, 1915: At the standard cor. of secs. 33 and 34, on the S. bdy. of the Tp., I set off $9^{\circ}25'S.$ on the decl. arc; and at 11h 45m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}52'$.

Oct. 19, 1915: At the cor. of secs. 29, 30, 31 and 32, I set off $45^{\circ}53'$ on the lat. arc; $9^{\circ}44'S.$ on the decl. arc; and at 9h 5m a.m., l.m.t., determine a meridian with the solar.

Oct. 19, 1915: At the cor. of secs. 17, 18, 19 and 20, I set off $9^{\circ}47'S.$ on the decl. arc; and at 11h 45m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}55'$.

Oct. 20, 1915: At the meander cor. bet. frac. secs. 23 and 24, I set off $45^{\circ}54'$ on the lat. arc; $10^{\circ}05'S.$ on the decl. arc; and at 8h 50m a.m., l.m.t., determine a meridian with the solar.

Oct. 20, 1915: At the meander cor. of frac. secs. 17 and 18, I set off $10^{\circ}09'S.$ on the decl. arc; and at 11h 45m l.m.t., observe the sun on the meridian; the resulting lat. is $45^{\circ}55'$.

Resurvey, First Standard Parallel North, through Range 26 E.

Survey commenced Oct. 6, 1915 and executed with a Buff and Buff light mountain solar transit No. 9987. The horizontal limb is provided with 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 Mr. E. P. Rands, Ass't. Supervisor of Surveys for Oregon and Washington, Sept. 1, 1915.

I examine the adjustments of the transit and find no

Resurvey, First Standard Parallel North, through Range 26 E.

Chains

zontal, which alone appear in these notes.

Note:

In resurveying the First Standard Parallel North, the distances are rechainned by the same set of chainmen and the mean of the two measurements alone recorded in these notes.

I commence at the standard cor. of Tps. 5 N., Rs. 26 and 27 E., which is a granite stone, 16x8x6 ins., firmly set, badly crumbling and not marked; this has been set by the County or local surveyor to re-establish the original standard Tp. cor. and is the recognized and accepted cor., from which I run

West, retracing the S. bdy. of sec. 36; at 40.00 chs. am unable to find the standard $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ cor., and at 81.04 chs. fall 54 lks. N. of the standard cor. of secs. 35. and 36.

West, retracing the S. bdy. of sec. 35; at 40.00 chs. am unable to find the standard $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ cor., and at 84.26 chs. fall 52 lks. N. of the standard cor. of secs. 34 and 35.

West, retracing the S. bdy. of sec. 34; at 41.07 chs. fall 23 lks. N. of the standard $\frac{1}{4}$ sec. cor., and at 82.71 chs. fall 46 lks. N. of the standard cor. of secs. 33 and 34.

West, retracing the S. bdy. of sec. 33; at 41.68 chs. fall 26 lks. N. of the standard $\frac{1}{4}$ sec. cor., and at 83.37 chs. fall 46 lks. N. of the standard cor. of secs. 32 and 33.

West, retracing the S. bdy. of sec. 32; at 41.73 chs. fall 30 lks. N. of the standard $\frac{1}{4}$ sec. cor., and at 83.36 chs. fall 53 lks. N. of the standard cor. of secs. 31 and 32.

West, retracing the S. bdy. of sec. 31; at 41.63 chs. fall 23 lks. N. of the standard $\frac{1}{4}$ sec. cor., and at 83.40 chs. fall 45 lks. N. of the standard cor. of Tps. 5 N., Rs. 25 and 26 E.

Note:

The closing cors. established along this standard line for secs. in T. 4 N., R. 26 E. were not found, and owing to the ambiguity existing in the notes of the survey of said Tp., it is deemed advisable not to attempt a restoration of said closing cors. in this survey.

I now return to the standard cor. of Tps. 5 N., Rs. 26 and 27 E., in latitude $45^{\circ}52'N.$, longitude $119^{\circ}30'W.$, mean magnetic declination $20^{\circ}30'E.$, and re-establish the cor. as follows:

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of Tps. 5 N., Rs. 26 and 27 E., with brass cap marked

Resurvey, First Standard Parallel North, through Range 26 E.

Chains

SC	
T5N	
R26E	R27E
S36	S31
<hr/>	
1915	

dig pits, 30x24x12 ins., crosswise on each line E. and W. 4 ft. and N. of post, 8 ft. dist.; and raise a mound of earth, 5 ft. base, 2½ ft. high, N. of cor.

Thence I run

S.89°37'W., on a true line along the S. bdy. of sec. 36. Over level land, through dense undergrowth.

28.15 Barbed wire fence, bears NE. and SW.

30.05 U. S. Reclamation Service canal, course S.75°W., 50 lks. wide (West Umatilla Project).

36.10 Barbed wire fence, bears NE. and SW.

39.85 Road, bears NE. and SW.

40.52 Apportioned distance. After careful search, I am unable to find any evidence of the old standard ¼ sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard ¼ sec. cor., with brass cap marked

SC	
¼S36	
<hr/>	
1915	

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

81.04 Intersect a granite stone, 20x12x5 ins., firmly set, not marked but undoubtedly set to re-establish the standard sec. cor. I remove this stone and at the same place Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for standard cor. of secs. 35 and 36, with brass cap marked

SC	
T5N	R26E
S35	S36
<hr/>	
1915	

dig pits, 24x18x12 ins., crosswise on each line, E. and W. 3 ft. and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Land, nearly level; soil, dry sandy loam, deep and warm, no stone; no timber; undergrowth, dense sagebrush.

Resurvey, First Standard Parallel North, through Range 26 E.
Chains

W. 4 ft. and N. of post, 8 ft. dist.; and raise a mound of earth, 5 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
Land, level; soil, dry warm deep sandy loam, no stones; no timber; undergrowth, sagebrush and cactus.

Resurvey, Portion of E. Bdy. of T. 5 N., R. 26 E.

From the standard cor. of Tps. 5 N., Rs. 26 and 27 E., I run

North, retracing the line bet. secs. 31 and 36; at 40.00 chs. find no trace of the $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ sec. cor., and at 80.06 chs., fall 65 lks. E. of the cor. of secs. 25, 30, 31 and 36.

North, retracing the line bet. secs. 25 and 30; at 40.03 chs. fall 31 lks. E. of the $\frac{1}{4}$ sec. cor., and at 80.06 chs. fall 62 lks. E. of the cor. of secs. 19, 24, 25 and 30.

I now return to the standard cor. of Tps. 5 N., Rs. 26 and 27 E., and run

N. $0^{\circ}28'W.$, on a true line bet. secs. 31 and 36.

Descend very gradual N. slope, through sagebrush and cactus.

- 18.00 Barbed wire fence, bears NE. and SW.
- 20.05 U. S. Reclamation Service canal, 50 lks. wide, course SW. (West Umatille Project).
- 22.55 Barbed wire fence, bears NE. and SW.
- 27.35 Road, bears N. $75^{\circ}E.$ and S. $75^{\circ}W.$
- 40.03 Apportioned distance. After careful search, I am unable to find any evidence of the $\frac{1}{4}$ sec. cor.

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

$\frac{1}{4}$
S36 | S31
1915

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

- 54.95 Road, bears NE. and SW.
- 80.06 Intersect a post, 3 ft. long, 4 ins. sq., badly decayed at

Resurvey, Portion of E. Bdy. of T. 5 N., R. 26 E.

Chains

the surface of the ground, marked 30 on NE., 31 on SE. and 25 C S on NW. face; marks on SW. face have become obliterated. This post has evidently been set by the County Surveyor to re-establish the cor. of secs. 25, 30, 31 and 36. I remove the old post and at the same place Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T5N	
R26E	R27E
S25	S30
S36	S31
1915	

dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, nearly level; soil, dry warm deep sandy loam, no stones; no timber; undergrowth, sagebrush and cactus.

N.0°27'W., on a true line bet. secs. 25 and 30.

Over level sandy land, through sagebrush and cactus.

- 18.60 Road, bears NW. and SE.
- 25.30 Same road, bears NE. and SW.
- 29.65 Wire fence, bears E. and W.; irrigation ditch, 25 lks. wide, course S.85°W.
- 31.85 Road, bears N.80°E. and S.80°W.
- 40.03 Intersect a post, 3 ft. long, 3 ins. sq., firmly set, marked ¼ S on W. and C S on E. face, evidently set by the County Surveyor to re-establish the ¼ sec. cor. I remove the post and at the same place Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼	
S25	S30
1915	

dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

- 70.05 Wire fence, bears E. and W.

Resurvey, Portion of E. Bdy. of T. 5 N., R. 26 E.

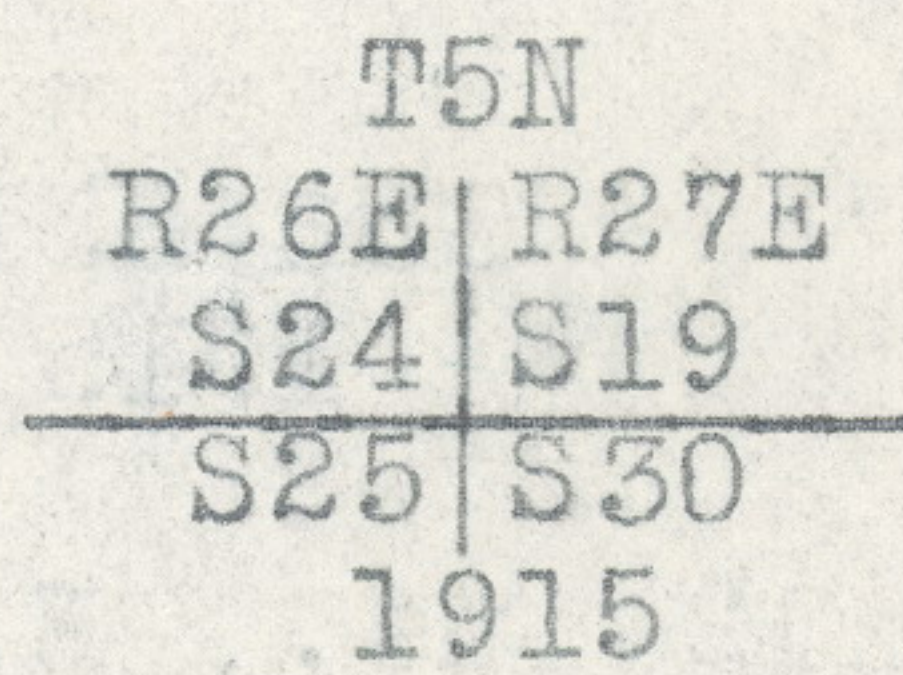
Chains

75.25 Wire fence, bears E. and W.; row of poplar trees (wind break), bears E. and W.; enter alfalfa field.

75.40 Irrigation ditch, course E., now dry.

80.06 Intersect the cor. of secs. 19, 24, 25 and 30, which is a granite stone, 15x8x6 ins., firmly set, marked with 4 notches on N. and 2 notches on S. edge; this is the recognized and accepted sec. cor. I remove the stone and at the same place

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked



dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

Land, level; soil, deep dry warm sandy loam, no stone; no timber; undergrowth, sagebrush and cactus.

Resurvey of W. Bdy. of T. 5 N., R. 26 E.

From the standard cor. of Tps. 5 N., Rs. 25 and 26 E., I run North, retracing the W. bdy. of T. 5 N., R. 26 E., and at each 40 and 80 chs., make careful and diligent search for old cors. and set temp. 1/4 sec. and sec. cors. and at 197.35 chs. intersect mean high water on left bank of the Columbia river.

Note:

I now return along my line and from each temp. sec. cor., run westward on blank lines, examining all subdivision lines in T. 5 N., R. 25 E., Oregon, in search for old cors. and to determine if a restoration of the range line, along the line of temp. points, will impair areas returned in the Oregon survey of T. 5 N., R. 25 E.

I am unable to find any cors. in T. 5 N., R. 25 E. and I find no cors. along the First Standard Parallel North, west of the cor. of Tps. 5 N., Rs. 25 and 26 E. Point for meander cor., 111.99 chs. W. of the standard Tp. cor., is far above mean high water; at 119.20 chs. is center of Oregon-Washington Railroad & Navigation Company's main tract, and at 121.50 chs. is mean high water of the left bank of the Columbia river.

My examination of T. 5 N., R. 25 E. shows that no areas will be impaired by resurveying the range line bet. Rs. 25 and 26 E., north from the standard Tp. cor.

Boundaries of T. 5 N., R. 26 E.

Latitudes, departures and closing errors.

Line Designated	True Bearing	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
			Chs.	Chs.	Chs.	Chs.
<u>E.bdy.T.5N.R.26E.</u>						
E.bdy.sec. 25	S.0°27'E.	80.06	80.06		.63	
E.bdy.sec. 36	S. 0°28'E.	80.06	80.06		.65	
<u>1st.Std.Par.N.</u> <u>through R.26 E.</u>						
S.bdy.sec. 36	S.89°37'W.	81.04		.54		81.04
S.bdy.sec. 35	S.89°39'W.	84.26		.52		84.26
S.bdy.sec. 34	S.89°41'W.	82.71		.46		82.71
S.bdy.sec. 33	S.89°39'W.	41.68		.25		41.68
	S.89°44'W.	41.69		.19		41.69
S.bdy.sec. 32	S.89°35'W.	41.73		.30		41.73
	S.89°41'W.	41.63		.23		41.63
S.bdy.sec. 31	S.89°41'W.	41.63		.23		41.63
	S.89°42'W.	41.77		.22		41.77
<u>W.bdy.T.5N.R.26E</u>						
W.bdy.secs.19,30 & 31	North	197.35	197.35			
<u>Meanders,T5NR26E.</u>						
Sec. 19 - - -	N.42°15'E.	38.79	28.71		26.08	
	N.43°30'E.	20.00	14.51		13.77	
Sec. 18 - - -	N.43°15'E.	28.04	20.42		19.22	
	N.47°30'E.	17.00	11.49		12.53	
	N.52°30'E.	15.00	9.13		11.90	
Sec. 17 - - -	N.66°45'E.	49.73	19.63		45.69	
	N.73°45'E.	25.00	7.00		24.00	
	N.82°15'E.	13.00	1.75		12.88	
Sec. 16 - - -	N.77°15'E.	15.71	3.47		15.32	
	S.86°00'E	9.40		.66	9.40	
	S.79°30'E.	15.00		2.73	14.75	
	S.71°15'E.	13.00		4.18	12.31	
	S.64°15'E.	15.00		6.52	13.51	
	S.59°30'E.	20.00		10.15	17.23	
Sec. 15 - - -	S.59°45'E.	21.52		10.84	18.59	
	S.59°15'E.	71.20		36.40	61.19	
Sec. 22 - - -	S.65°45'E.	4.01		1.64	3.66	
Sec. 23 - - -	S.65°30'E.	14.91		6.19	13.57	
	S.71°00'E.	35.00		11.39	33.09	
	S.75°45'E.	38.00		9.35	36.83	
<u>Subdivisions.</u>						
W.bdy.sec. 24	South	50.46		50.46		
S.bdy.sec. 24	N.89°54'E.	81.08	.14		81.08	
Convergency - - -					.37	
Totals -			313.60	313.57	498.25	498.14
			313.57		498.14	
Error in Lat.			0.03			
Error in Dep.			0.11			

General Description

The land in this fractional township is practically level, and is generally covered with stunted sagebrush, greasewood and cactus.

The soil is deep and sandy and will produce excellent crops of fruits and cereals, when properly irrigated. It is especially adapted to small fruits, such as berries, grapes and melons.

There is no water in the township, except the Columbia river on the North, and that which is supplied by irrigation ditches. The waters of the Columbia are available for irrigation only at a prohibitive cost.

There are no settlers in the portion of this township included in this resurvey.

Oct. 20, 1915.

Joseph A. Gauong
U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

I, Joseph A. Ganong, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Oregon bearing date of the 8th day of March, 1915, 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 ^{and resurveyed} all those parts or portions of the First Standard Parallel North, through Range 26 East; also, the East and West boundaries of T. 5 N., R. 26 E.

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes, observation sheets, and index diagram on page 1 of same as having been executed by me and under my direction, on the dates shown on said diagram; and I do further solemnly swear 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 additional survey.

Joseph A. Ganong
U. S. Surveyor.

Subscribed by said Joseph A. Ganong, and sworn to before me }
this 18th day of January, 1916

Edward J. Worth

U. S. SURVEYOR GENERAL OF OREGON



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Portland, Oregon, Jan. 19, 1916

The foregoing field notes of the survey and resurvey of all those parts or portions of the First Standard Parallel North, through Range 26 East; also the East and West Boundaries of T. 5 N., R. 26 E. of the Willamette Meridian, Oregon, in Book "G"

executed by Joseph A. Ganong, in the capacity of U. S. Surveyor under his special instructions dated March 8th, 1915, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward J. 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.

~~U. S. Surveyor General.~~

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,

Joseph A. Garrow, U. S. Surveyor, during the periods and in the capacities and resurveying the stated opposite our several signatures, in surveying all those parts or portions of the Subdivisions of T. 5 N., R. 26 E.; also, the meanders of T. 5 N., R. 26 E.

of the Willamette Meridian, in the State of Oregon which are represented in the foregoing field notes as having been executed 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 executed.

Table with columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), CAPACITY. Includes entries for Sidney C. Holland (Head chairman), Carl E. Baucom (Rear chairman), and Harry Lester (Flagman) for the period Oct. 7, 1915 to Oct. 20, 1915.

Subscribed and certified to before me on the dates of the final service as shown above.

Signature of Joseph A. Garrow, U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

I, Joseph A. Ganong, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Oregon bearing date of the 8th day of March, 1915, 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 ^{and resurveyed} all those parts or portions of the subdivisions of T. 5 N., R. 26 E., also the meanders of T. 5 N., R. 26 E.

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes, observation sheets, and index diagram on page 1 of same as having been executed by me and under my direction, on the dates shown on said diagram; and I do further solemnly swear 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 additional survey.

Joseph A. Ganong
U. S. Surveyor.

Subscribed by said Joseph A. Ganong and sworn to before me }
this 18th day of January, 1916

Edward DeWorth
U. S. SURVEYOR GENERAL OF OREGON



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Portland, Oregon, Jan. 19, 1916

The foregoing field notes of the survey and resurvey of all those parts or portions of the Subdivisions of T. 5 N., R. 26 E.; also the Meanders of T. 5 N., R. 26 E. of the Willamette Meridian, Oregon, in Book "G"

executed by Joseph A. Ganong, in the capacity of U. S. Surveyor under his special instructions dated March 8th, 1915, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward DeWorth
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.~~

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FINAL OATH OF UNITED STATES SURVEYOR.

I, Joseph A. Ganong, U. S. Surveyor, do solemnly swear that, in pursuance of ~~special~~ instructions received from the ^{Hon. Commissioner to} U. S. Surveyor General for Oregon bearing date of the 23rd day of September, 1916, 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 Amended original work in sec. 19, T. 5 N., R. 26 E.

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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 I do further solemnly swear 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.

Joseph A. Ganong
U. S. Surveyor.

Subscribed by said Joseph A. Ganong and sworn to before me }
this 6th day of October, 1916

Edward Worth
U. S. SURVEYOR GENERAL OF OREGON



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Portland, Oregon, Oct. 7th, 1916

The foregoing field notes of the ~~survey~~ of Amended original work in sec. 19,
T. 5 N., R. 26 E., of the Willamette Meridian, Oregon, in Book "G"

executed by Joseph A. Ganong, in the capacity of U. S. Surveyor under his ~~special~~ instructions dated Sept. 23, 1916, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward 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.~~