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FIELD NOTES

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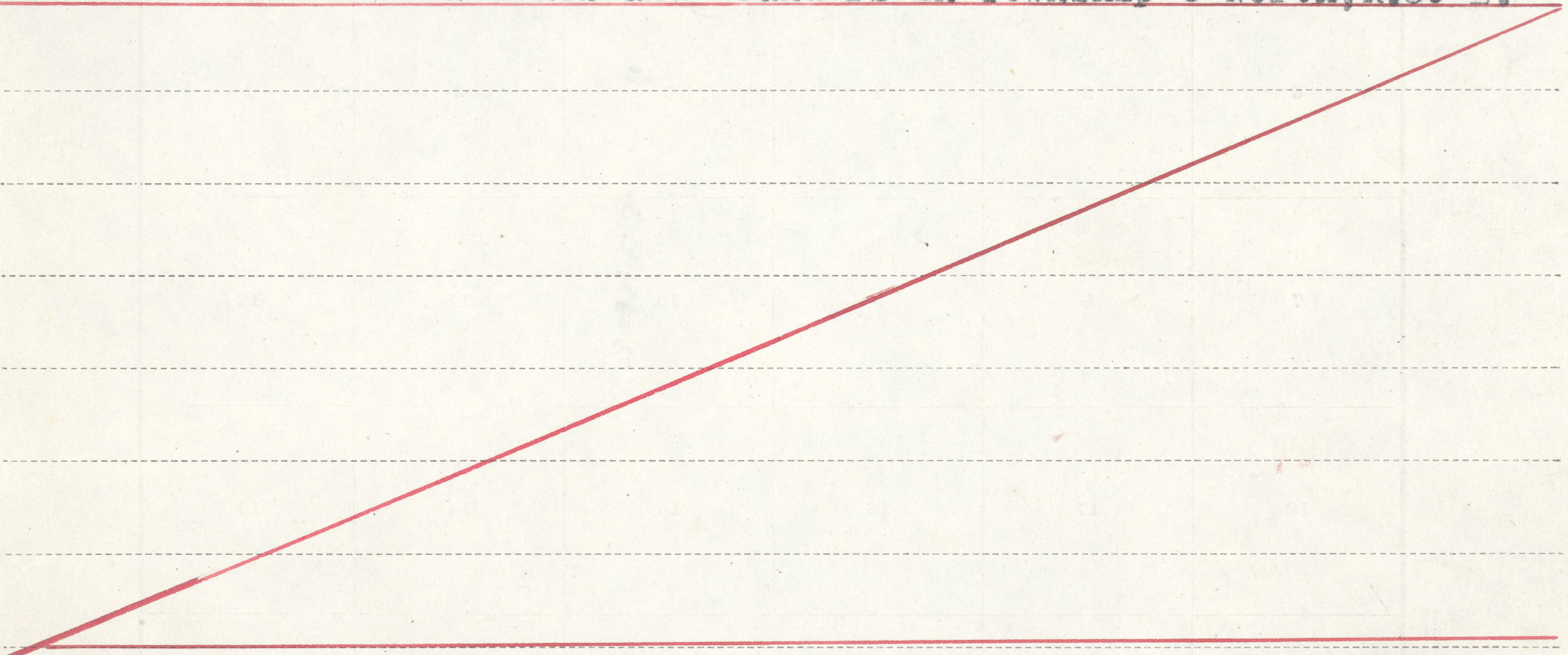
Resurvey of West Boundary of Township 6 North, Range 31 East;

and

Resurvey of South Boundary of Township 6 North, Range 30 East;

also

Subdivisional Section Lines and Meanders in Township 6 North, R. 30 E.



Of the Willamette Meridian,

In the State of Oregon

EXECUTED BY

Charles M. Collier

In the capacity of U. S. Surveyor, under ^{Special} instructions dated August 2, 1911, issued by the United States Surveyor General to govern surveys included in Group No. 7, which were approved by the Commissioner of the General Land Office, August 24, 1911, pursuant to authority contained in the Act of Congress dated June 25, 1910.

Survey commenced August 11, 1911.

Survey completed August 19, 1911.

6-151

ACCEPTED BY THE HON. COMMISSIONER G. L. O. November 9, 1914

SUBDIVISIONS OF TOWNSHIP 6 N., R. 30 EAST.

Chains

I begin at the corner of Secs. 1, 2, 35 and 36 on the south bdy. of the Tp. heretofore described.

Thence I run on a Sectional Guide Meridian North bet. secs. 35 and 36

Gradually descending

2.00 Top of steep descent bears E. and W.

15.68 Enter flat bottom of Juniper Canyon, 460 ft. below the section corner, bears E. and W.

21.48 Leave canyon and ascend over steep slide rock

40.00 Set a basalt stone 18 x 10 x 10 ins., 12 ins. in the ground for 1/4 sec cor. mkd. 1/4 on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of Cor.

41.50 Top of ascent 580 ft. above canyon bears E. and W. Thence over table land

59.20 Descend

68.17 Road bears NE and SW

74.26 Descend rock bluff bears NE and SW

80.00 Set a basalt stone 20 x 12 x 8 ins., 15 ins. in the ground for cor of secs. 25, 26, 35 and 36, mkd. with 1 notch on S. and E. edges; raise a mound of stone 2 ft base, 1 1/2 ft. high W. of corner; pits impracticable Land, level, rolling and Mtns.

Soil, deep, volcanic ash, clay and rocky, 1st to 4th rate No timber.

Undergrowth, sage and greasewood and good growth of bunchgrass

East, on a random line (for measurement only) bet. Secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

80.30 Intersect the East bdy. of the Tp. 104 lks. N. 0 deg. 52' E. from the corner of Secs. 30 and 31, T. 6 N., R. 31 E., heretofore described.

SUBDIVISIONS OF TOWNSHIP 6 N., R. 30 E.

Chains

At the point of intersection set a basalt stone 20 x 14 x 12 ins. 15 ins. in the ground for closing corner of Secs. 25 and 36 mkd. C C on W. face with 1 groove on south and 5 grooves on N. faces; dig pits 24 x 18 x 12 ins. crosswise on each line N. and S. 3 ft. and W. of stone 7 ft. dist. and raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of corner

Thence I run

West on a true line bet. Secs. 25 and 36

Ascend over rolling land

40.15 Set a basalt stone 14 x 12 x 10 ins., 9 ins. in the ground for 1/4 sec. cor. mkd. 1/4 on N. face; dig pits 18 x 18 x 12 ins. E. and W. of corner 3 ft. dist., and raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of Cor.

61.00 Descend over irregular rock bluffs bears NE and SW about 600 ft. to

80.30 The corner of Secs. 25, 26, 35 and 36.

Land, rolling, broken and Mtns.

Soil, deep volcanic ash and rocky, 2nd to 4th rates

No timber

Undergrowth, sage with good growth of bunchgrass

North bet. Secs. 25 and 26

Descend over steep slide rock

5.00 Edge of flat bears NE and SW, enter dense sage

6.10 Railroad right-of-way fence bears N. 65 deg. 40' E. and S. 65 deg. 40' W.

7.44 South rail of the main line of the O.W.R. & N. R.R., bears N. 65 deg. 39' E. and S. 65 deg. 39' W.

8.75 Right-of-way fence parallel to railroad

21.84 To left bank of the Columbia River; set a basalt stone 16 x 12 x 8 ins. 10 ins. in the ground for meander cor. of fracl. secs. 25 and 26, mkd. M C on N. face with 1 groove on E. face; dig pits 36 x 36 x 12 ins., 8 ft. South of stone and raise a mound of earth 4 ft. base, 2 ft. high S. of corner, from the corner

SUBDIVISIONS OF TOWNSHIP 6 N., R. 30 EAST.

Chains

A cottonwood 10 ins. diam. bears S. 56 deg. E. 160
lks. dist. mkd. T 6 N R 30 E S 25 M C B T

A willow 8 ins. diam. bears S. 72 deg. 15' W. 322
lks. dist. mkd. T 6 N R 30 E S 26 M C B T

Land, level valley

Soil, deep alluvial, 1st rate

Timber, willow, cottonwood, cherry and haw skirting river
bank.

Undergrowth, sage; good bunchgrass

I begin at the corner of Secs. 19, 24, 25 and 30 on the
E. bdy. of the Tp. heretofore described

Thence I run

West bet. Secs. 24 and 25

Over level land

2.59 A fence bears N. and S.

3.35 An irrigation ditch 3 lks. wide, course S.W.

6.13 An irrigation ditch, 8 lks. wide, course NW, enter field.

13.68 A fence bears NE and SW and enter roadway

15.59 Center line of the main track of the O.W.R. & N. R.R.
bears N. 34 deg. 38' E. and S. 34 deg. 38' W.

22.99 To the left bank of the Columbia River.

Set a basalt stone 12 x 10 x 8 ins. 8 ins. in the ground
for meander corner of fracl. Secs. 24 and 25, mkd. M C
on W. face with 2 grooves on S. face; dig a pit 36 x 36
x 12 ins. 8 ft. East of stone and raise a mound of earth
4 ft. base, 2 ft high E. of corner.

S.D. Tucker's engine house bears N. 43 deg. 26' E.

Land, level valley

Soil, volcanic ash, 1st rate

No timber

No undergrowth.

SUBDIVISIONS OF TOWNSHIP 6 N., R. 30 EAST, W.M. OREGON.

Chains

From the corner of Secs. 2, 3, 34 and 35, on the south bdy. of the Tp. heretofore described

Thence I run

N. 0 deg. 01' W. bet. secs. 34 and 35

Descend over loose, sandy soil

5.00 Enter bench, bears NE and SW

9.00 Descend from bench

14.31 A road bears NE and SW

17.06 The same road bears NW and SE

20.00 Bottom of ravine, course NE; leave loose sand

28.50 Top of a small spur sloping NE; begin very steep descent

34.50 Enter flat bottom of Juniper canyon at foot of rimrock 12 ft. high, course NW

40.00 Set a basalt stone 18 x 12 x 10 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face; dig pits 18 x 18 x 12 ins. N. and S. of stone 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of corner

43.31 Leave canyon and ascend

44.88 Center line of the main track of the O.W.R. & N. R.R. bears N. 65 deg. 48' E. and S. 65 deg. 48' W.

53.00 Wagon road bears NW and SE

55.72 To the left bank of the Columbia river

Set a basalt stone 14 x 10 x 8 ins., 9 ins. in the ground for meander corner for fracl. secs. 34 and 35, mkd. M C on N. face with 2 grooves on E. face, from which

A juniper 9 ins. diam. bears N. 72 deg. E. 144 lks. dist. mkd. T 6 N R 30 E S 35 M C B T

No other trees available; dig a pit 36 x 36 x 12 ins 8 ft. south of stone and raise a mound of earth 4 ft. base 2 ft. high S. of corner.

Land, first 40 chs. mountain slopes and benches; remainder level valley

Soil, loose, sandy ash, 1st to 4th rate

No timber except a few scattering juniper along the river bank

Undergrowth, sage; good bunchgrass.

SUBDIVISIONS OF TOWNSHIP 6 NORTH, RANGE 30 EAST

Chains

I now begin at the corner of Secs. 25, 26, 35 and 36 heretofore described

Thence I run

West, on a true line bet. Secs. 26 and 35

Descend over loose slide rock

6.00 Enter level valley, course NE and SW

10.14 Center line of the main track of the O.W.R. & N. R.R. bears N. 53 deg. 31' E. and S. 53 deg. 31' W.

12.00 Right-of-way fence parallel to railroad and enter field

24.24 To the left bank of the Columbia River.

Set a basalt stone 18 x 12 x 6 ins., 12 ins. in the ground for meander corner for fracl. secs. 26 and 35 mkd. M C on W. face with 1 groove on S. face, from which

A willow 6 ins. diam. bears S. 24 deg. E. 20 lks. dist. mkd. T 6 N R 30 E S 35 M C B T

A willow 8 ins. diam. bears N. 76 deg. 30' E. 46 lks. dist. mkd. T 6 N R 30 E S 26 M C B T

Land, level valley, except first 6 chs. Mountainous Soil, deep sandy loam, 1st and 2nd rates

No timber except a few willows skirting river bank

No undergrowth

From the corner of Secs. 3, 4, 33 and 34 on the south bdy. of the Tp. heretofore described

Thence I run

N. 0 deg. 02' W. bet. secs. 33 and 34

Descend over rock bluffs

3.28 Foot of bluff in railroad cut 360 ft. below sec. cor. Cut a cross in face of bluff on line

3.81 South rail of the main track of the O.W.R. & N. R.R. bears N. 62 deg. 54' E. and S. 62 deg. 54' W.

4.44 To the left bank of the Columbia River

Set a basalt stone 30 x 18 x 5 ins., 22 ins. in the ground for meander corner of fracl. secs. 33 and 34

SUBDIVISIONS OF TOWNSHIP 6 NORTH, RANGE 30 EAST.

Chains

mkd. M C on N. face with 3 grooves on E. face; deposit a pint of charcoal under stone; dig a pit 36 x 36 x 12 ins. 8 ft. S. of stone and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high S. of corner

Land, mountainous

Soil, rocky, 4th rate

No timber

Undergrowth, willow and service skirting river bank.

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157.32
157.46
157.60
157.74
157.88
158.02
158.16
158.30
158.44
158.58
158.72
158.86
159.00
159.14
159.28
159.42
159.56
159.70
159.84
160.00

MEANDERS, TOWNSHIP 6 N., R. 30 E.

MEANDERS OF LEFT BANK OF COLUMBIA RIVER, DOWN STREAM

I commence at the meander corner of fracl. Secs. 19 & 24 on the East bdy. of the Tp. heretofore described.

Thence I run with meanders in Sec. 24

Along dirt bank 10 ft. high with wide gravel beach

S. 39 deg. 23' W. 36.23 chs. At 18.53 chs. S.D. Tucker's engine house bears S. 45 deg. E. 75 lks. dist.
 At 21.80 chs. mouth of ravine 75 lks. wide course N.W.
 To meander corner of fracl. Secs. 24 and 25

Land, level

Soil, sandy loam, 1st rate

No timber

No undergrowth

Thence in Sec. 25

S. 48 deg. 30' W. 11.20 chs.

S. 34 deg. W. 11.90 chs.

S. 18 deg. W. 7.70 chs. At 2.28 chs. a fence bears East, and a road bears S. 26 deg. 30' E.

S. 26 deg. 30' E. 2.90 chs. Johnson's cabin bears S. 77° E. 10 chs. dist.

S. 8 deg. W. 7.50 chs. At end of course edge of railroad embankment 12 ft high

S. 47 deg. 30' W. 4.70 chs. Along railroad embankment

S. 63 deg. 15' W. 27.80 chs.

S. 37 deg. W. 5.00 chs. At end of course fence bears south

S. 80 deg. W. 10.00 chs. Along fringe of cottonwood and willow timber
 To meander corner of fracl. Secs. 25 and 26

Land, level

Soil, sandy loam, 1st rate

Timber, cottonwood and willow

Undergrowth, sage.

Thence in Sec. 26

S. 70 deg. W. 4.00 chs.

MEANDERS, TOWNSHIP 6 N., R. 30 E.

S. 45 deg. W. 29.00 chs. Along edge of field
To meander corner of fractl.
Secs. 26 and 35

Land level

Soil, sandy, 1st rate

Timber, willow

Undergrowth, sage and small willow

Thence in Sec. 35

S. 55 deg. W. 6.80 chs. Along edge of field
At end of course a fence
bears S. 31 deg. E.

S. 70 deg. W. 15.60 chs. At end of course a fence
bears S. 56 deg. E.

S. 83 deg. 30' W. 9.60 chs.

S. 65 deg. W. 10.20 chs. At 2 chs. a fence bears
S. 22 deg. E.
At 5 chs. Pearson and
Johnson's house bears
S. 22 deg. E. 1.50 chs.
At end of course fence
bears south

S. 60 deg. W. 19.30 chs. To meander corner of
fractl. secs. 34 and 35
1.50

Land, level

Soil, sandy, 1st rate

No timber

Undergrowth, willow and sage

Thence in Sec. 34

S. 60 deg. W. 4.00 chs.

S. 5 deg. W. 10.00 chs. At end of course dry bed
of Juniper creek, course
N.W.

S. 65 deg. 45' W. 5.00 chs. At end of course, left
bank of the dry bed of
Juniper creek.

N. 46 deg. 30' W. 13.00 chs. ~~Ed. Riley's cabin bears
S. 50° W. 6 chs. dist.~~

S. 66 deg. W. 8.40 chs. At 6 chs. enter choke
cherry thicket bears
NW and SE

S. 50 deg. W. 20.00 chs. At 1 ch. end of thicket;
Ed. Riley's cabin bears
S. 50 deg. E. 2.80 chs.
Thence along edge of field
60.40

MEANDERS, TOWNSHIP 6 N., R. 30 E.

S. 23 deg. W. 9.50 chs. At 2 chs. leave field; a fence bears S.40 deg.E.

S. 59 deg. W. 41.00 chs. At 22 chs., foot of bluff To meander corner of fracl. Secs. 33 and 34

Land, level except last 20 chs. which is along the foot of rock bluff

Soil, deep, sandy loam, 1st rate

Timber, willow and cottonwood skirting river bank

Undergrowth, sage

Thence in Sec. 33

S. 63 deg. 25' W. 9.92 chs. Along narrow flat at base of mountain occupied by railroad embankment. To meander corner of fracl. Secs. 4 and 33 on the South bdy. of Tp. heretofore described.

Land mountainous

Soil, rocky, 4th rate

No timber

Undergrowth, willow and sage

BOUNDARIES OF TOWNSHIP 6 NORTH, RANGE 30 EAST

LATITUDES, DEPARTURES, AND CLOSING ERRORS

Line Designated	True Bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
East Bdy. of Tp. 6 N., R. 30 E.	N. 0 18' E.	39.28	39.28	21
	N. 0 4' W.	39.68	39.68			.05
	N. 0 52' E.	79.10	79.09		1.20	
Meanders of Columbia River	North	28.00	28.00			
	S. 39 23' W.	36.23		28.00		22.99
	S. 48 30' W.	11.20		7.42		8.39
	S. 34 00' W.	11.90		9.87		6.65
	S. 18 00' W.	7.70		7.32		2.38
	S. 26 30' E.	2.90		2.60	1.29	
	S. 8 00' W.	7.50		7.43		1.04
	S. 47 30' W.	4.70		3.18		3.46
	S. 63 15' W.	27.80		12.51		24.82
	S. 37 00' W.	5.00		3.99		3.01
	S. 80 00' W.	10.00		1.74		9.85
	S. 70 00' W.	4.00		1.37		3.76
	S. 45 00' W.	29.00		20.51		20.51
	S. 55 00' W.	6.80		3.90		5.57
	S. 70 00' W.	15.60		5.34		14.66
	S. 83 30' W.	9.60		1.09		9.54
	S. 65 00' W.	10.20		4.31		9.24
	S. 60 00' W.	19.30		9.65		16.71
	S. 60 00' W.	4.00		2.00		3.46
	S. 5 00' W.	10.00		9.96		.87
	S. 65 45' W.	5.00		2.05		4.56
N. 46 30' W.	13.00	8.95			9.43	
S. 66 00' W.	8.40		3.42		7.67	
S. 50 00' W.	20.00		12.86		15.32	
S. 23 00' W.	9.50		8.74		3.71	
S. 59 00' W.	41.00		21.12		35.14	
S. 63 25' W.	9.92		4.44		8.87	
South Bdy. of T. 6 N., R. 30 E.	East				248.87	
Totals,.....			195.00	194.82	251.57	251.66
			194.82			251.57
Error in lat.....		18	Error in Dep..		.09

GENERAL DESCRIPTION.

This fractional township contains high, rolling table lands in the southern and eastern parts with rock bluffs and steep slopes toward the Columbia River in the northwestern part. A narrow valley or bottom, having a mean width of about 15 chs. extends along the Columbia River except thru the southern part of Secs. 33 and 34 where the bluffs rise abruptly from the river bank some 700 ft. to the table land. The bank of the river is generally abrupt and ranges from 10 to 12 ft. in height. During periods of low water there is a wide gravel bar extending between the bank and the shore line. Some 15 chs. distant from the shore line and south of the main channel of the river there is a chain of low bars and islands, submerged except during low water extending thru

TOWNSHIP 6 NORTH, RANGE 30 E.
GENERAL DESCRIPTION, CONTINUED

the township. The soil of the bottom land is a deep, rich, sandy loam and volcanic ash and with irrigation is capable of producing excellent crops of fruits and cereals. The soil of the table lands and slopes is a mixture of sand and volcanic ash adapted to grazing and dry farming.

Small cottonwood, willow and cherry are to be found along the immediate bank of the Columbia River as are also scattering trees of juniper in the southeastern part of the township.

The Columbia River flows along and forms the northwestern boundary of this fractional township and supplies the water for irrigation purposes. Alkali Spring is located in Juniper canyon, near the center of Sec. 35. There is no other water in the township except during the early spring and summer months.

S. D. Tucker has settled in Sec. 24. His improvements consist of, a house, barn and engine house, 2 acres in young orchard, 10 acres in cultivation and under irrigation by water, pumped by a gasoline engine thru iron pipes tapped by hydrants. Mr. Tucker also has some 75 acres partially cleared and prepared for irrigation.

Ed. Riley has settled in Sec. 34. His improvements consist of, a cabin and about 6 acres in cultivation.

Mr. Johnson has a cabin and some ten acres in cultivation in Sec. 25.

Pearson and Johnson have a stock farm, a house, out-buildings and corrals located in Sec. 35. These stock men also have sheep corrals and small fenced enclosures in nearly every section of the township.

The O.W.R. & N. R.R. extends along the bank of the Columbia River thru the entire township. Telegraph and telephone lines parallel the railroad.

Charles M. Collins
U.S. Transitman

August 19, 1911.

FINAL OATH OF UNITED STATES SURVEYOR.

I, Charles M. Collier in the capacity of 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 2^d day of August, 1911, 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

T6N R30E

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.

Charles M. Collier
In the capacity of U. S. Surveyor.

Subscribed by said Charles M. Collier, and sworn to before me }
this 27 day of November, 1911 }

Edward A. Worth
U. S. SURVEYOR GENERAL OF OREGON



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Portland, Oregon, March 27, 1914.

The foregoing field notes of the survey of Resurvey of West Boundary of T. 6 N., R. 31 E., and Resurvey of South Boundary of T. 6 N., R. 30 E.; also Subdivisional Section Lines and Meanders in T. 6 N., R. 30 E., of the Willamette Meridian, Oregon, in Book "E",

executed by Charles M. Collier, in the capacity of U. S. Surveyor under his special instructions dated August 2, 1911, 1911, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward A. 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.~~