

41

FIELD NOTES

Of the Subdivisional Lines of

T. 27 South R. 9 West FILED

Willamette Meridian, Oregon,

Date: 6-16-97 By: SC

This survey consists of:

Map: _____

Narrative: _____

Corner Rpt: 64/76-3

BY

Samuel W. Lackland

DOUGLAS COUNTY
SURVEYOR

Deputy Surveyor.

UNDER

their Contract No. 660 dated May 20, 1896

Survey commenced June 22. d., 1897

Survey completed August 9. do, 1897

Platted _____

Copied for Washington _____

C.S. File No. 64/76-3

S. W. Jackson

447-77

843

INDEX

27 S.

R.

9 W.

Will. Mer.

6	102	5	75	4	50	3	39	2	19	1
100		99		73		55		37		18
7	90	8	71	9	53	10	35	11	15	12
100		94		70		52		34		14
18	82	17	68	16	50	15	32	14	12	13
90		89		67		49		31		10
19	81	20	65	21	47	22	29	23	8	24
80		84		63		46		27		7
30	82	29	61	28	44	27	23	26	5	25
81		79		60		43		24		3
31	7	32	59	33	42	34	22	35		36

Leanders of _____ Pages _____ to _____

Leanders of _____ Pages _____ to _____

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C.S. File No. 6476-3

Subdivisions of T. 27 S. R. 9 W. Hill. Mer. Cr

Chavis

Before commencing to subdivide this Township I set my Compass on the meridian established by me from Polaris Aug 1, 1896 at 4 p.m. l. m. t. I set off. 23° 28' n. on the decl arc and test the adjustment of my solar and find it gives the same meridian as before and that the adjustments are correct.

June 21, 1897.

Survey commenced June 22, 1897.
From the Standard Cor. of T. 27 S. R. 8th & 9th W.
heretofore described & run.

North on the East boundary of Sec. 36, and at 40.30 chs intersect the 1/4 Sec. cor; and at 80.56 chs fall 1 1/2 lks N. of cor. to Secs. 25, 30, 31 and 36; therefore the line bears practically north, but my chaining does not agree with the original survey.

Having resurveyed the S. bdy. of Sec 36 under this Contract I do not retrace it.

I begin at the Std. Cor. for Secs. 35th and 36 on the S. bdy. of the Sp. heretofore described in the resurvey of the Std. Cor. and run N. 0° 1' W. bet. Secs. 35 and 36.

- Ascend from cor. 75 ft to
- 3.50 Summit of ascent and descend 50 ft to
- 15.90 Foot of descent and ascend 60 ft to

352

Subdivisions of T. 27 E. R. 9 N. Hill, Mer. Continued

chains 17.00	Summit of ascent and descend.
21.98	Spring flows N. W.
23.25	Brook 2 lks wide flows W. 100ft below Summit
23.70	Spring flows S. E.
35.40	Fir tree 72 ins diam on line. I mark with 2 notches on N. and S. sides.
36.15	Brook 1 lks wide flows W.
40.00	Set a post 3 ft long 3 ins sq. 24 ins in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on W. face from which A yew 14 ins diam bears S. 87° W. 28 lks dist marked $\frac{1}{4}$ S. B. T. A fir 72 ins diam bears N 07° E. 11 lks dist marked $\frac{1}{4}$ S. B. T. June 22. I set off. 23° 27' N on the decl. arc and at 0 ^h 02 ^m h. m. l. m. t. observe the sun on the meridian; resulting lat 43° 11' N.
46.00	Summit of ascent 50ft above brook and descend 25ft to
50.65	Brook 2 lks wide flows W. and ascend 15ft to
56.00	Summit of ascent and descend 175ft to
60.70	Brook 4 lks wide flows W. and ascend 50ft to
75.00	Summit of ridge bears E and W. descend
80.00	Set a sandstone 14x10x10 ins 9 ins in the ground for cor. of sec. 25, 26, 35 and 36 marked with 1 notch on S and E edges from which

Continued
below summit
mark with 2
ins in the ground
from which
28 lks dist
lks dist
deck are and
run on the
to and des=
d. 150ft to
175ft to
nd 500ft to
r. descend
gins in
band 36
nd E edges

Subdivisions of T. 27 S. R. 9 W. Hill Mer. Cor-

- Chains A yew 10 ins diam bears N. 51° E. 34 lks dist marked T. 27 S. R. 9 W. S. 25 B. T.
- A yew 8 ins diam bears S. 65° E. 47 lks dist marked T. 27 S. R. 9 W. S. 36 B. T.
- A hemlock 20 ins diam bears S 53° W. 38 lks dist marked T. 27 S. R. 9 W. S. 35 B. T.
- A hemlock 24 ins diam bears N. 15° W. 15 lks dist marked T. 27 S. R. 9 W. S. 26 B. T.

Land mountainous
Soil sandy 3^d rate
Timber fir, hemlock, some cedar yew and maple.
Dense undergrowth of rhododendron pine maple
sallal huckleberry and other brush.
mountainous and heavily timbered land and
land covered with dense undergrowth 80.00 chs.

June 22, 1897

June 23. at 7th 00^m a.m. l. m. t. set off 43° 0' N. on
the lat. arc, 23° 27' on the decl arc and determine a true
meridian with the solar at the cor. of secs. 25, 26, 35 and 36.
East on a random line bet secs. 25th and 36th
Set temp 7th sec. cor.
Intersect E. hdy of the Sp. 47 lks S. of cor. to secs 25, 30,
31st and 36. which is a post 12 ins above ground firmly
set and marked
T. 27 S. S. 30 on N. E.

40.00
80.42

Subdivisions of T. 27 S. R. 9 W. Hill Mer. Continued

Chains R. 8 W. S. 31 on S. E.
 R. 9 W. S. 36 on S. W. and
 S. 25 on N. W. faces, with 1 notch on S. and 5 notches
 on N. edges from which
 A fir 36 ins diam bears N. 33 1/2° E. 33 lks dist
 marked J. 27 S. R. 8 W. S. 30 B. J.
 A hemlock 7 ins diam bears S. 28 1/2° E. 42 lks dist
 marked J. 27 S. R. 8 W. S. 31 B. J.
 A cedar 16 ins diam bears S. 81° W. 27 lks dist
 marked J. 27 S. R. 9 W. S. 36 B. J.
 A cedar 24 ins diam bears N. 20° W. 41 lks dist
 marked J. 27 S. R. 9 W. S. 25 B. J.

Thence Run

S. 89° 40' W. on a true line bet sees. 25th and 36,
 Descend from cor. 300ft to

- 22.47 Creek 8 lks wide flows S. and ascend 50ft to
- 25.45 Summit of ascent and descend 70ft to
- 27.66 Brook 6 lks wide flows S. 70° E. and ascend
- 40.21 Set a post 3ft long, 3 ins sq. 24 ins in the ground
 for 1/4 sec cor. marked 1/4 S. on N. face, from which
 A yew 6 ins diam bears N. 47° W. 18 lks. dist.
 marked 1/4 S. B. J.
 A fir 40 ins diam bears S 40° E. 12 lks dist
 marked 1/4 S. B. J.

June 23. at this 1/4 sec. cor. I set off 23° 26' N on
 the decl arc and at 0^h. 2^m p.m. l.m. I observed the sun
 on the meridian; -

Subdivisions

chains
 41.50
 111.50
 20.42
 80.42

4.24
 4.24
 27.65
 30.80
 40.00

Subdivisions of T. 27 S. R. 9 W. Hill. 9th Cont. Continued

chains resulting lat. $43^{\circ}11'N$.
 41.50 ^{11.50} Summit of ascent 350 ft above brook and descend along
 N. slope of ridge to
 80.42 ^{80.42} The cor. of secs. 25, 26, 35 and 36.

Land mountains.

Soil 3rd rate.

Timber fir, hemlock, some cedar yew and maple.

Dense undergrowth of vine maple, rhododendron, small
hemlock, sallow, salmonberry, huckleberry and other brush.

Mountains and heavily timbered land and land covered
with dense undergrowth 80.42 chains.

June. 23. 1897.

June 24. at 7th 10th a.m. l.m.t. Set off. $43^{\circ}11'N$ on the lat arc
 $23^{\circ}26'N$. on the decl arc, and determine a true meridian with the
solar at the cor. of secs. 25, 26, 35 and 36.

$10^{\circ}1'N$. bet. secs. 25 and 26.

Tac. $20^{\circ}E$.

11.24 Descend from cor. 200 ft to
 4.24 level 7.50 wide flows S. $65^{\circ}W$. and ascend 200 ft to
 27.65 ^{27.65} Summit of ridge bears $N. E$ and $S. W$. and descend 75 ft to
 30.80 ^{30.80} Foot of descent and ascend 50 ft to
 40.00 ^{40.00} Set a yew post 3 ft long, 3 ins sq, 2.2 ins in the ground for $\frac{1}{4}$ sec cor.
 marked to S. on N. face from which
 a yew 12 ins diam bears $N. 1^{\circ}W$. 54 lbs dist
 marked to S. B. T.

Subdivisions of T. 27 S. R. 9 E. Hill. 9th Mer. Continued

Chains Ahemlock 13 ins diam bears N. 13° E, 30 lks dist
marked 4 D. B. J.

46.00 Foot of descent 50 ft below summit and ascend 80 ft to

47.00 Summit of ascent and descents 60 ft to

50.20 Foot of descent and ascend 90 ft to

61.25 Summit of ascent and descend 100 ft to

74.35 Brook 1 lks wide flows S. W. and ascend 350 ft to

80.00 Set a sand stone 15 x 12 x 6 ins 10 ins in the ground for cor. of
secs. 23, 24, 25 and 26. marked with 2 notches on S and 1 notch
on E edges from which
a fir 48 ins diam bears N. 22° E. 34 lks dist.
marked T. 27 S. R. 9 E. S. 24 B. J.

A fir 20 ins diam bears S. 65° E. 21 lks dist.
marked T. 27 S. R. 9 E. S. 25 B. J.

A cedar 8 ins diam bears S 16 1/2° W. 41 lks dist,
marked T. 27 S. R. 9 E. S. 26 B. J.

A fir 20 ins diam bears N. 74° W. 5 lks dist.
marked T. 27 S. R. 9 E. S. 23 B. J.

Land mountains,
Soil sandy 3rd rate,
Timber fir, hemlock, cedar, yew and maple.
Dense undergrowth of vine maple, rhododendron, huckleberry,
salmonberry and other brush,
Mountains and heavily timbered land and land covered
with dense undergrowth 8000 chains.
June 22. at the cor. set off 25° 25' N. on the decl arc and

Subdivisions of T. 27 S. R. 9

Chains at 0th. 2nd p
43° 12' 7".

4000
3039. N. 83° 40' E on
Set Temp 4 sec 00

Introduct 6, bdy
a foot 12 ins abt
T. 27 S. R. 9 E. S. 24
R. 9 W. S. 25 on 24
R. 9 W. S. 25 on 24
S. 24 on 25. face

a fir 24 ins diam
" 25 " "
" 38 " "
" 50 " "
This connection
reconnects the
rechain the 6 and
The correct trees
referring to a
Set a sand stone
24 and 25. m
N. face from
A fir 30 ins
marked
A fir 36 ins
marked
Hence I do
1 S. 57° 40' N. 0
random for
Descend for
30.54 Brook 1 lks
37.59 Summit of
40.20 Set a sand
4 lks. cor.
a few 90

Subdivisions of T. 27 S. R. 9 W. Hill, near Oregon Continued

Chains	marked $\frac{1}{4}$ D. B. T.	Subdivisions chains
	A yew 12 ins diam bears N. 19° E. 9 lks dist marked $\frac{1}{4}$ D. B. T.	36.50 40.00
42.64	Brook 1 lks wide flows south 90 ft below summit and ascend 50 ft to	
43.19.	Summit of ascent and descend 75 ft to	
54.06	Brook 1 lks wide flows over shelving rock, south, and ascend 50 ft to	
73.49	Summit of ascent and descend 200 ft to	
80.39	The cor. of secs. 23, 24, 25 and 26, Land mountains, Soil sandy and rocky $\frac{1}{4}$ the rate, Timber fir, hemlock with some yew and maple Dense undergrowth of rhododendron, vine maple, small small hemlock and other brush.	45.07 45.40 52.57 64.00 70.40 73.90
	Mountains land and land covered with dense undergrowth	80.39
	June 25, at this cor. set off 23° 23' N. on the decl. arc and 0° 27' h. on. l. on. t. observe the sun on the meridian; resulting lat. 43° 12' N.	80.00
	N. 0° 1' W. bet. secs. 23 and 24 Var. 20° E. Ascend from cor. 150 ft to	
6.80	Summit of ascent and descend 60 ft to	
12.00.	Foot of descent and ascend 90 ft to	
21.90	Summit of ascent and descend 100 ft to	
27.30	Brook 2 lks wide flows N. W. and ascend	
27.79.	Fir 48 ins diam. I mark with 2 notches on N. and S. sides	
32.20 100 ft	Summit of ascent 80 ft above brook and descend 90 ft to	

Continued

Subdivisions of S. 27th R. 9th T. 11th mer. Oregon Continued

- 36.50 Brook 1 1/2 m wide flows N.W. and ascend
- 40.00 Set a new post 3 ft. long, 3 ins sq. 22 ins in the ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ S. on N. face from which
A new 10 ins diam bears S. 82° E. 19 lbs dist marked $\frac{1}{4}$ S. B. T.
- A new 22 ins diam bears S. 70° W. 17 lbs dist marked $\frac{1}{4}$ S. B. T.
- 45.07 Fir 60 ins diam on line. 1 mark with 2 notches on N and S. sides.
- 45.40 Summit of ascent 75 ft above brook and descend 50 ft to
- 52.57 brook 2 1/2 m wide flows N. and ascend 150 ft to
- 64.00 Summit of ascent and descend 100 ft to
- 70.40 Dry gulch course N. and ascend 100 ft to
- 73.90 Summit of ascent and descend 60 ft to
- 76.60 Brook 1 1/2 m wide flows S. and ascend 75 ft to
- 80.00 Set a new post 3 ft long, 4 ins sq. 24 ins in the ground for cor of sec 13, 14, 23 and 24, marked
T. 27th S. 13th W. N. E.
R. 9th S. 24th on S. E.
S. 23rd on S. W. and
S. 14th on N. W. face, with 2 notches on S. and 1 notch on E. edges from which
A fir 36 ins diam bears N. 47° E. 5 lbs dist marked T. 27th S. R. 9th T. S. 18 B. T.
A hemlock 20 ins diam bears S. 25° E. 7 lbs dist marked T. 27th S. R. 9th S. 24 B. T.
A new 9 ins diam bears S. 81° W. 25 lbs dist marked T. 27th S. R. 9th S. 23 B. T.

60

Subdivisions of T.27 S. R.9 E. 5th mer. Oregon. Continued

chains

After 30 ins diam base N.57°40'.15 chs dist
marked T.27. S. R.9 E. S.14 B.3.

Land mountains,

Soil sandy & stony,

Timber fr. hemlock and aspen.

Dense undergrowth vine maple, rhododendron, salal, small hemlock
and other brush.

Mountainous land and land covered with dense undergrowth 80.00 chains.

At 4^h 00^m P. M. l. on. t. set off. 45°15' N. on the lat arc. and 23°23' N.

on the decl arc and determine a True meridian with the solar at the
cor. of sec. 18, 14, 23 and 24.

June 25, 1897.

June 26. at 8^h 00^m A. M. l. on. t. set off. 45°13' N on the l. arc
23°22' N. on the decl arc. and determine a True meridian.

the solar at the cor. of sec. 13, 14, 23 and 24.

N. 87°40' E on a random line bet sec. 13 and 24.

40.00 set temp to sec. cor.

79.94 Intersect E. ldy of Sp. 301 chains S of the cor. of sec. 13, 18, 19 and

24, which is a post 12 inches above ground firmly set, marked T.27 S. R.9 E. on
N.E. R.37. S. 13. on S.E. R. SW. S 24 on S.W. and S 13 on N.W. with 3 holes on N. and S edges from a hole
a hemlock 12 ins dia bears N 57° E to the dist marked T.27 S. R.9 E. S.14 B.3.

This filling apparently places me out the limit of allowable error, but
in view of the result, my remeasurement of the East boundary of
sec. 25 and 36. which is ^{sharp} irregular but long chaining, I deem
any further remeasurements unnecessary. Therefore I destroy
the markings on this cor. referring to sec. in R. 9 or.

Subdivisions of

chains

and

ins

mas

fun

Any

A

Then

S.87°40' True

line

asc

13.94

Sum

16.74

Brook

24.29

Spring

32.94

Sum

34.96

Same

39.97

Set a

cor. on

them

A then

59.44

Sum

deser

75.24

Spring

Subdivisions of T. 27 S. R. 9 W. Mill. Mer. Or. Continued.

chains and at point of intersection I set a sand stone 16x14x4 ins 11 ins in the ground for closing cor. of sec. 13 and 24 make e.c on N. with 3 grooves on N and S faces from which

100377
T27-8

A yew 7 ins diam bears N. 36° W. 30 lbs dist marked T. 27 S. R. 9 W. S. 13 B. T.

A hemlock 40 ins diam bears S. 64° W. 11 lbs dist marked T. 27 S. R. 9 W. S. 24 B. T.

Shance Drum

S. 89° 40' West bet sec. 13 and 24 establishing the random for a true line.

Ascend from cor.

13.94 Summit of ascent and descend 40 ft to

16.74 Brook 2 lbs wide flows N.E. and ascend.

24.29 Spring flows South

32.94 Summit of ascent 40 ft above brook, and descend 20 ft to

34.96 same brook flows S. 75° E. and ascend.

39.97 Set a yew post 3 ft long, 3 ins sq. 24 ins in the ground for 4 sec cor. marked 1/4 S. on N. face from which

A hemlock 20 ins diam bears S. 52° W. 9 lbs dist marked 1/4 S. B. T.

A hemlock 30 ins diam bears N. 19° W. 26 lbs dist marked 1/4 S. B. T.

59.44 Summit of a ridge bears N and S. 250 ft above brook and descend

75.24 Spring flows South.

blab, small hemlock

algrowth on chains.

lat etc. and 23° 23' N.

with the solar at the

97.

0° 13' N on the l. in

10 meridians.

Secs 13, 18, 19 and

marked 3370. 610 on

on N. and S. edges from which

of allowable error, but

East boundary of

Channing Eden

Therefore I identify

in R. 9 W.

Subdivisions of T. 27 S. R. 9 W. Mill. Mer. Cr. continued

chains
79.92
The cor. of secs. 13, 14, 23 and 24.
Land mountains,
Soil 3^d rate.
Timber hemlock, fir and cedar. Some fallen timber
Dense undergrowth of rhododendron, vine maple, sallow,
and other brush.
Mountains land or land covered with dense undergrowth
June 26. at this cor. Set off 25° 22' N. on the decl arc and
at 3^h 3^m. P. M. 1. m. observe the sun on the meridian; re-
sulting latitude 43° 13' N.

N. 0° 1' N. bet secs. 13 and 14

Tan. 20° E.

Ascend from cor. 60 ft to

7.50 Summit of ascent and descend.
9.19 Fir 40 ins diam on line. 2 marks with 2 notches on N and S sides,
16.54 Hemlock 36 ins diam on line. 2 marks with 2 notches on N and S sides.
20.25 Brook 2 lks wide flows N. 250 ft below summit and ascend 50 ft to
22.10 Summit of ascent and descend 40 ft to
23.60 Gulch course N. and ascend 150 ft to
36.00 Summit of ascent and descend
40.00 Set chincafin post 3 ft long, 3 ins sq, 2 1/2 ins in the ground for 1/4
sec. cor. marked 1/4 S on N. face, from which
Achincafin 10 ins diam bears N. 45° N. 17 lks dist
marked 1/4 S. B. S.
Achincafin 12 ins diam bears S 31° E. 41 lks dist

Subdivisions

chains
40.26 Fir
52.50 Berm
60.05 Foot
61.24 Brook
62.60 Sum
74.25 Broo
74.80 Sum
74.96 Broo
80.00 Set a
cor of
arc. ec
Afe
Afi
Afu
A O
Lanu
Soil 3
Tim
fallen
Dense
Mint

Subdivisions of T. 27 S. R. 9 W. Hill, Mer. Or. Continued

chains

marked $\frac{1}{4}$ S. B. T.

40.26

Fir 40 ins diam on line, mark with 2 notches on N and S sides

52.50

Bank of irregular cliff

60.05

Foot of same,

61.24

Brook 1 lks wide flows N. W. 800ft below summit, ascend 25ft to

62.60

Summit of rise and descend 20ft to

74.25

Brook 7 lks wide flows N. E. and ascend 10ft to

74.80

Summit of rise and descend 6ft to

74.96

Brook 6 lks wide flows N 10° E. and ascend 15ft to

80.00

Set a sandstone 10x10x6 ins 11 ins in the ground for
 cor of sec. 11, 12, 13 and 14. marked with 4 notches on S and 1 notch
 on E. edges from which

A fir 40 ins diam bears N. 28° E. 20 lks dist.

marked T. 27 S. R. 9 W. S. 12 B. T.

A fir 24 ins diam bears S 20° E. 63 lks dist

marked T. 27 S. R. 9 W. S. 13. B. T.

A fir 60 ins diam bears S 46° W. 21 lks dist

marked T. 27 S. R. 9 W. S. 14 B. T.

A vine maple 5 ins diam bears N 71 1/2° W. 39 lks dist

marked T. 27 S. R. 9 W. 11 B. T.

Land mountains.

Soil 3d rate.

Timber hemlock, fir, cedar, yellow pine, some
 fallen timber

Dense undergrowth of rhododendron vine maple, sallow and other trees.

Mountains and heavily timbered land covered with dense undergrowth of trees.
 June 26 1897.

Subdivisions of T. 27 S., R. 9 W., Hill, Mer. Oregon Continued

Chains June 27. at 7th a.m. on t. set off. 43° 14' 7" on the let arc 23° 20' on the decl arc and determine a true meridian with solar at cor. of sec. 11, 12, 13 & 14
 N. 89° 40' E. on a random line bet sec. 12 & 13.
 40.00 det temp 1/4 sec. cor.
 77.81 Intersect E. ldy of the Sp. 3.15 chains A. of cor. to sec. 7, 12, 13 & 18
 which is a post 12 ins above ground firmly set marked
 T. 27 S. R. 9 W. S. E.
 R. 9 W. S. 12 " S. E.
 sec 12 on N. W. faces with 4 notches on S. and 2 notches N. edges from which
 A fir 36 ins diam bears N. 35° E. 16 lks dist marked T. 27 S. R. 9 W. S. 12
 " 30 " " " 5. 20° E. 6. 45 " " " T. 27 S. R. 9 W. S. 12
 " hemlock 5 " " " S 64° W. 40 " " " T. 27 S. R. 9 W. S. 12
 " 8 " " " N. 31° W. 36 " " " T. 27 S. R. 9 W. S. 12
 Efface the markings then on referring to the sec. in R. 9 W.
 and at point of intersection set a sandstone 18 x 12 x 7 ins 12 ins
 in the ground for closing cor. of sec. 12 and 13 marked C.C.
 on W. with 4 grooves on S. and 2 grooves on N. face from which
 A yew 12 ins diam bears N. 5° W. 10 lks dist
 marked T. 27 S. R. 9 W. S. 12 B. T.
 A hemlock 28 ins diam bears S 20° W. 33 lks dist
 marked T. 27 S. R. 9 W. S. 13 B. T.
 Hence I ran S
 S. 89° 40' W. on a true line bet sec. 12 & 13. establishing the random for
 Ascend from cor 40ft to
 6.31 Summit of ascent and descend 100ft to
 8.05 Brook 100 wide flows S. 76° E. and ascends 100ft to
 14.5 Summit of sharp ridge bears N 90° S. and descend
 29.81 Bank of cliffs bears N. and S.
 36.51 Brook 1.5k wide flows N. W. over cliff 90ft below ridge
 39.90 Set a sand stone 18 x 14 x 4 ins. 12 ins in the ground for 1/4 sec
 cor. marked 1/4 on N. face, from which

100477
T27-8

Subdivisions of T. 27 S.
 Chains Acedar
 A maple
 Ridge
 Corpend
 Brook 5.
 Summit
 Creek 12.
 Summit
 Brook 1.
 The cor.
 Land
 bit 3d
 Timber,
 Dense
 and
 Mountain
 dense
 June
 P. on
 43° 14'
 70° 1'
 Ascend
 harvest

Subdivisions of T. 27 S. R. 9 W. Mill. Mer. Oregon Continued

at an angle 23° 20' in the
water cor. of sec. 11, 12, 13 & 14

Chains A cedar 24 ins diam bears N. 34° E. 16 lks dist
marked $\frac{1}{4}$ S. B. T.

A maple 6 ins diam bears S. 41° E. 40 lks dist
marked $\frac{1}{4}$ S. B. T.

To sec. 7, 12, 13 & 14
marked

45.61 Ridge bears N. and S. and descend

49.30 Perpendicular cliff 20 ft high bears N and S.

61.41 Brook 5 lks wide flows N. 600 ft below ridge and ascend 40 ft to

64.81 Summit of ascent and descend 90 ft to

The N. edge from which
marked T. 27 S. R. 9 W. S. 18 N.
T 27 S. R. 9 W. S. 18 N.
T 27 S. R. 9 W. S. 18 N.
T 27 S. R. 9 W. S. 12 N.
in sec. 11, R. 9 W.

70.36 Creek 12 lks wide flows N. 55° E. and ascend 80 to

76.01 Summit of ascent and descend 50 ft to

18 x 12 x 7 in 12 in
and 13 marked C.C.

77.31 Brook 1 lks wide flows S. E. and ascend 75 ft to

79.81 The cor. of sec. 11, 12, 13 and 14.

N face from which

Land mountains.

Soil 3d rate.

Timber, fir, hemlock, cedar, yew and maple. Some fallen timber.
Dense undergrowth of vine maple, salmon berry, rhododendron, salal
and huckleberry.

3 lks dist
S. B. T.

Mountainous and heavily timbered land and land covered with
dense undergrowth. 79.81 chains

Following the road for

June 27. at this cor. I set off. 23° 19' N. on the decl arc and 8^h 23^m
P. M. L. M. I observe the sun on the meridian, resulting lat
43° 14' N.

100 ft to
and descend

N 0° 1' W. bet sec. 11 and 12.

1/2 below ridge
to ground for 1/4 sec

Ascend from cor. along N. E. slope of steep mountain through
heavily burned timber 1000 ft to

Subdivisions of T. 27 S. R. 9 E. Hill. mer. Oregon Continued

chains
27.50

Point on E. slope of mountain and descend

31.69

Tr. 96 ins diam on line. Mark with 2 notches on N and S. sides

38.00

Foot of descent 200 ft below point and ascend

40.00

Set a sand stone 14x10x3 ins 9 ins in the ground for 4 sec. cor. marked 1/4 on N. face from which

A fir 30 ins diam bears N. 31° E. 34 lbs dist.

marked 1/4 S. B. T.

A dogwood 7 ins diam bears N. 35° W. 44 lbs dist.

marked 1/4 S. B. T.

43.56

Tr 48 ins diam on line. Mark with 2 notches on N and S. sides.

44.00

Summit of ascent. 40 ft above foot of descent and descend

49.57

Prink of irregular cliffs N. W. and S. E.

55.00

Foot of same

65.02.

Prink of cliff bears E and W. about 40 ft high

65.60

Foot of same.

70.80

Creek 12 lbs wide flows East in basin 1200 ft deep and ascend steep S. E. slope of rocky ridge

76.55

Foot of cliffs to have same offset

West 1.64 chains. Thence

N. 1° W. 3.45 " through opening in cliffs

East 1.64 " To

79.00

Regain line above cliffs and continue to ascend

80.00

At a point 600 ft above creek set a sand stone 16x10x8 ins. 11 ins in the ground for cor of secs. 1, 2, 11 and 12 marked with 5 notches on S. and 1 notch on E edges from which

A fir 30 ins diam bears N. 3° E. 25 lbs dist.

Subdivisions of

chains

A fir 24

A fir 20

A chinca

Land m

Soil sandy

Timber l

new and

Dense and

berry, fuc

Mountains

June 28, a

arc, 23° 17'

dian with

N. 89° 40' E on a

40.00 Set Temp

79.87 Intersect

which is a

7.27 S. 0.60 m

R 8 W. 10 7 on

R 9 W. 12 0

A. 1 on N. W. a madama, 16 l a bit 40 ins d a 7 18

Efface all m of interest

Subdivisions of T. 27 S. R. 9 W. Hill Mer. Or. Continued

charis

marked T. 27 S. R. 9 W. S. 1 B. T.

A fir 24 ins diam bears S. 45° E. 66 lbs dist

marked T. 27 S. R. 9 W. S. 12 B. T.

A fir 20 ins diam bears S 1 1/2° W. 94 lbs dist

marked T. 27 S. R. 9 W. S. 11 B. T.

A chincoapin 24 ins diam bears N. 71° W. 132 lbs dist

marked T. 27 S. R. 9 W. S. 2 B. T.

Land mountainous.

Soil sandy and rocky 4th rate

Timber live and burnt fir, hemlock, cedar, maple, a few and chincoapin. Fallen timber throughout.

Dense undergrowth of vine maple, salmuberry, black berry, huckleberry and other brush and vines.

Mountainous land and land covered with dense undergrowth sochs.

June 27, 1897

June 28, at 7^h 00^m a. m. l. m. t. I set off 43° 15' N on the lat arc, 23° 17' N on the decl arc and determine a true meridian with the solar at the cor. of secs. 1, 2, 11 and 12

N. 57° 40' E on a random line bet secs. 1 and 12

40.00 Set Temp 1/4 sec. cor.

79.87 Intersect E. ldy of sp. 5.90 chs. S. of cor. to secs. 1, 6, 7 and 12, which is a myrtle post 12 ins above ground firmly set, marked T. 27 S. S. 6 on N. E.

R. 9 W. S. 7 on S. E.
R. 9 W. S. 12 on S. W. and
S. 1 on N. W. faeco with 5 notches on S. and 1 notch on N. edge of iron which
a madrone, 16 ins diam bears N. 83° E. 110 lbs dist marked T. 27 S. R. 9 W. S. 6 B. T.
a pt 40 ins diam bears S. 57° E. 20 lbs dist marked T. 27 S. R. 9 W. S. 7 B. T.
a " 7 " " " 0.15 1/2 W. 45 " " " T. 27 S. R. 9 W. S. 12 B. T.
a " 13 " " " N. 70° W. 50 " " " T. 27 S. R. 9 W. S. 1 B. T.
I efface all marks on cor. and witnesses referring to R. 9 W. and at point of intersection set a sand stone 16 1/2 x 7 1/2 ins. 1.5 ins in the ground for C

C.S. File No. 6476-3

sides
sec. cor.
sides.
d
s and
nd
16x10x8
d 12 marked
which

368

Subdivisions of T. 27 S. R. 9 W. Mill meadow or Continued

Chains	for sec. 1 and 12, marked C.C. on N. with 5 gages on S. and 1 gage on N. face, from which
	A fir 60 ins diam bears N. 29° W. 102 lks dist marked T. 27 S. R. 9 W. S. 1 B. J.
	A fir 20 ins diam bears S. 52° W. 91 lks dist marked T. 27 S. R. 9 W. S. 12 B. J.
	Thence down
	S. 87° 40' W. bet sec 1 and 12, establishing the random for the line
	Descend from cor. over steep S. W. slope.
4.57	Brook 1 1/2 wide flows N. over precipice and ascend N. slope of cliffy ridge 25 ft to
9.97	Summit of cliffy ridge and descend 40 ft to
10.57	Foot of descent and ascend 50 ft to
13.37	Summit of ascent and descend over irregular cliffs
16.07	Foot of cliffs and continue to descend
30.72	Creek 35 lks wide flows N. 20° E. 500 ft below top of cliffs ascend.
39.93	Set a sandstone 18 x 15 x 10 ins, 12 ins in the ground for 1/4 sec cor. marked 1/4 on N. face from which
	A fir 28 ins diam bears N. 3° W. 31 lks dist marked 1/4 S. B. J.
	A maple 12 ins diam bears S 62° 1/2 W. 34 lks dist marked 1/4 S. B. J.
42.87	Foot of bluffs course N. E. and S. W.
49.77	Summit of bluffs and ascent and descend 125 ft to
57.07	Spring flows South and ascend
70.32	Foot of irregular cliffs bearing N. E. and S. W.

Subdivisions
 chains 71.82
 71.82
 75.77
 79.07
 79.87

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 See
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 T. 2
 R. 9

40.00
 83.96

Continued

with 5 gms on S.

eks dist

B.T.

eks dist

B.T.

andom for the true line

cond n. slope of cliffy

40ft to

irregular cliffs

below top of cliffs on the ground for 1/4 mi

eks dist

v. 34 eks dist

second 125 ft to

and, S.W.

Subdivisions of T. 27 S. R. 9 W. Hill Mex. Cr.

chains 71.82
71.82
75.77
75.77
79.07
79.07
79.87
79.87

Top of irregular cliffs, continue to ascend
Summit of ascent 200ft above Spring and descend 20ft
through 1/4 mile wide flows, and ascend 20ft to
The cor. of secs. 1, 2, 11 and 12.
Land mountains and broken.
Soil sandy and rocky 3 drate.
Timber live and dead fir, hemlock, cedar, yew,
maple and chinquapin. Some fallen timber.
Dense undergrowth of vine maple, huckleberry
blackberry, small fir and hemlock and other brush and vines.
Mountains land and land covered with dense undergrowth 7987chs.
My position at noon today was such as to make solar
observations impracticable

June 28, 1897

June 29, at 7^h 10^m a.m. l.m. t. I set off 43° 15' N on
the lat arc, 23° 14' N. on the decl arc and determine
a true meridian with the solar at the cor. of secs.
1, 2, 11 and 12. Thence I run
N 0° 1' W. on a random line bet. secs 1 and 2.
Var. 20° E.

40.00
83.96

Set Temp 1/4 sec. cor.
Intersect North boundary of the Sp 3.55 chs E of cor. to
secs. 1, 2, 35 and 36, which is a myrtle post 12 ins above
ground firmly set and marked.
T. 26 S. S. 36 on NE.
R 9 W. S 1 on SE.

Subdivisions of T27 S. R9 W. Hill mer. Continued

chains T27 S. on S. W. and
 S35 on N. W. faces with 1 notch on E and 5 notches
 on W. edges from which
 A maple 15 ins diam bears N. 37° E, 96 lks dist
 marked T26 S. R9 W. S36 B. T.
 A maple 12 ins diam bears S. 33° 15' E 56 lks dist
 marked T. 27 S. R9 W. S1 B. T.
 A fir 48 ins diam bears S 19° W. 98 lks dist
 marked T27 S. R9 W. S. 2 B. T.
 A maple 20 ins diam bears N 7 1/2° W. 77 lks dist
 marked T. 26 S. R9 W. S. 35 B. T.
 As this falling indicates a considerable discrepancy
 somewhere to ascertain cause I go to the cor of secs 6 and
 7 on West bdy of T. 27 S. R8 W. and run thence North
 on blank line and at 78.84 chains intersect N. bdy
 of Sp 2.05 chains E of the established cor. of Sp 26 and 27
 S. R9 S and 9 W.

From the established cor to Sp 26 and 27 S. R9 S and 9 W.
 I run, West retracing S. bdy of sec. 36 T. 26 S. R9 W
 and at 40.90 chains intersect 1/4 sec cor and at
 81.15 chains the cor. of secs. 1, 2, 35 and 36.
 This result showing my line to be in proper position
 I efface the markings on the established cor of secs
 1, 2, 35 and 36 referring to secs. in T27 S. and at
 point of intersection:

I set a post 3 ft long 4 ins sq. 24 ins in the ground

Subdivisions of

chains for clo
 CC. T
 S1 on
 S2 on
 from
 A ma
 A fir
 thence
 S01
 a true
 7.96
 7.96
 7.86
 9.86
 13.14
 13.14
 14.26
 14.26
 43.81
 43.81
 43.96
 43.96
 44.71
 44.71

Subdivisions of T. 27 S. R. 9 W. Hill, Men, Oregon Continued.

chains for closing corner to secs. 1 and 2 marked
 C.C. T. 27 S. R. 9 W. on S.
 S. 1 on E. and
 S. 2 on W. faces with 1 notch on E and 5 notches on W. faces
 from which
 A maple 48 ins diam bears S. 36° W. 3 lks dist
 marked. T. 27 S. R. 9 W. S. 2 B. T.
 A fir 30 ins diam bears S. 60° E. 79 lks dist
 marked T. 27 S. R. 9 W. S. 1 B. T.
 Hence I run
 S. 0° 1' E. bet secs 1 and 2, establishing the random for
 a true line,
 Ascend from cor.
 Summit of ascent and descend 60 ft to
 Brook 1 lks wide flows E. and ascend 50 ft to
 Summit of ascent and descend 50 ft to
 Brook 2 lks wide flows E. and ascend 75 ft to
 Summit of a sharp ridge Course N. E. and S. W.
 and descend
 Set a sand stone 14 x 14 x 10 ins. 9 ins in the ground
 for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on W. face from which
 A fir 26 ins diam bears N. 38° E. 7 lks dist
 marked $\frac{1}{4}$ S. B. T.
 A fir 30 ins diam bears N. 46° W. 29 lks dist
 marked $\frac{1}{4}$ S. B. T.
 Brink of irregular cliff bears E. at W.

5 notches
 3 lks dist
 6 lks dist
 1 lks dist
 S.
 3 lks dist
 S.
 discrepancy
 6 sec 6
 North
 at N. S. dy.
 Tho 26th ad 27
 Ro, 8th ad 9th
 26 S. R. 9 W
 nd at
 her position
 cor of sec
 nd at
 ground

7.96
 7.96
 9.56
 13.14
 14.26
 43.81
 43.96
 44.71
 44.71

Subdivisions of T. 27 S. R. 9 W. Hill. Mer. Continued

Chains
 45.06 Foot of same and ascend perpendicular cliffs
 50.81 Top of irregular cliffs and descend
 50.96 Brook 1/2 k wide flows E. 50ft below summit of ridge and ascend 100ft to
 54.36 Summit of ascent and descend 10ft to
 54.61 Brook 1/2 k wide flows N. E. and ascend
 56.74 Perpendicular cliff 20ft high bears E and W.
 63.93 Foot of cliff bears E and W.
 64.51 Top of same
 65.56 Summit of ridge bears N. W. and S E and descend 70ft to
 83.96 To cor. of Secs 1, 2, 11 and 12.
 Land mountainous and broken,
 Soil sandy 3d rate,
 Timber, Fir, hemlock, cedar, maple, yew and myrtle.
 Dense undergrowth of vine maple, huckleberry, Salmonberry, blackberry and other brush and vines.
 Mountainous land and land covered with dense undergrowth 83.96 chains

June 30, 1897

Through inadvertence no record of solar observation was kept for the above date.

Subdivisions

Chains
 10.25
 10.25
 16.55
 16.55
 23.40
 23.40
 27.90
 27.90
 31.00
 31.00
 39.10
 39.10
 39.80
 39.80
 40.00
 40.00
 48.00
 48.00
 51.40
 51.40
 61.45
 61.45
 65.95
 65.95
 78.30
 78.30
 80.00
 80.00