

FIELD NOTES

Of the survey of the *Subdivisional*

Lines of *Sp. 1 & 2, S. R. 33. East*

Willamette Meridian, Oregon,

as surveyed by *James P. Currier* and *James E. Roland*

U. S. Deputy Surveyor, under *his special* Contract No. _____

dated *May 4th*, 188*7*

Survey commenced, *July 10th*, 188*7*

Survey completed, *July 22nd*, 188*7*

NAMES AND DUTIES OF ASSISTANTS.

_____, Compassman.
J. S. Medley, Chainman.
W. H. Medley, Chainman.
Thomas Belshaw, Chainman.
Guy Davis, Chainman.
B. B. Crowner, Axman.
J. R. Hadley, Axman.
 _____, Flagman.

PRELIMINARY OATHS OF ASSISTANTS.

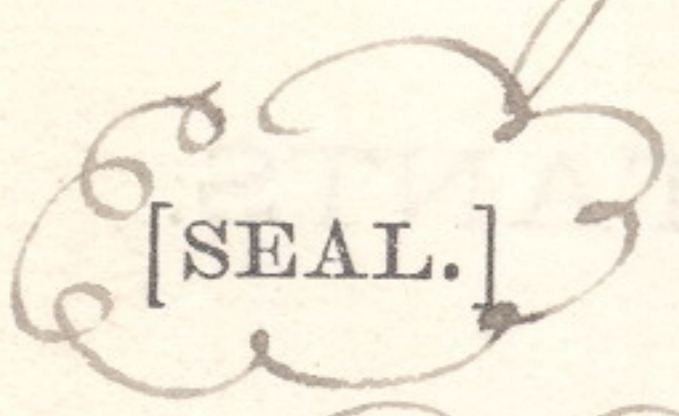
299 We, J. D. Medley, W. H. Medley, Francis Belshaw
and Guy Davis

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we will assist in measuring, to the best of our skill and ability, and in accordance with the instructions given us in the survey

of the Subdivisional lines of R. 33 East, Twp. 12 S., Willamette Meridian, Oregon.

J. D. Medley, Chainman.
W. H. Medley, Chainman.
Francis Belshaw, Chainman.
Guy Davis, Chainman.

Subscribed and sworn to before me this Tenth day of July, 1887



James E. Holand
U. S. Dept. Surveyor

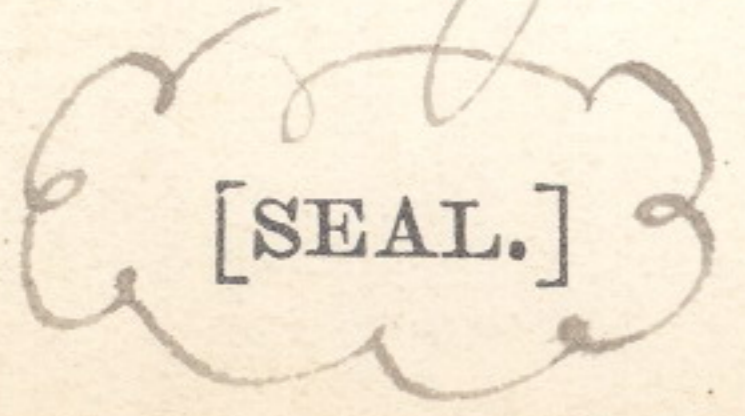
We, B. B. Crowmer and J. R. Hadley

do solemnly swear that we will well and truly perform the duties of Axmen in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the

Subdivisional lines of Twp. 12 S., R. 33 East, Willamette Meridian, Oregon.

B. B. Crowmer, Axman.
J. R. Hadley, Axman.

Subscribed and sworn to before me this Tenth day of July, 1887

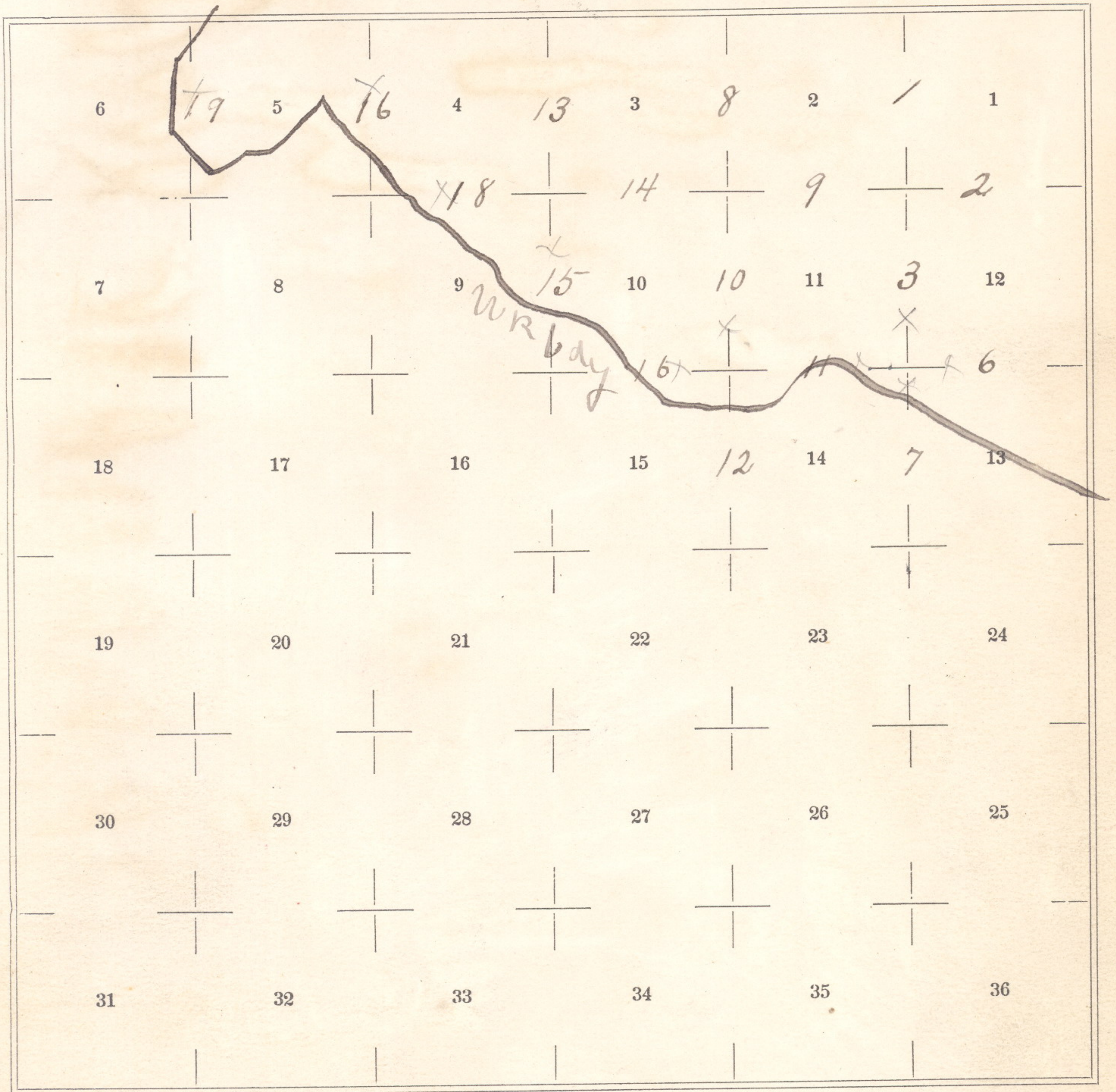


James E. Holand
U. S. Dept. Surveyor

INDEX

Referring the Lines to the Pages of the Field Notes.

T. 2 South R. 33 East Will. Mer.



Meanders of _____, Pages _____ to _____

Meanders of _____, Pages _____ to _____

Subdivision of T. 2 South R. 33 East.

Willamette Meridian, Oregon.

From cor to Secs 12, 35 & 36 on N. bdy.
of the Township Iron

South on true line bet Secs. 1 & 2
Va. 22° East.

3000 Draw N.W.

4000 Set Basalt Stone $10 \times 10 \times 16$ ins.

10 ins. in the ground for
 $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on W.
face from which
a pine 36 ins. diam. bears.
S. 72° East 3.65 chs. dist. marked
 $\frac{1}{4}$ S. B.D. No other trees within
limits. Raised a mound of
stone over cor. 18. ins. high
with $3\frac{1}{2}$ ft. base.

8000 Set Basalt Stone $7 \times 8 \times 12$ ins.

8 ins. in the ground for
cor. to Secs. 1-2-11 & 12
marked with 5 notches on
S. and 1 on E. edges. Over
which I raised a mound
of stone 2 ft. high with

Subdivisions of T. 2 South R. 33 East.

Willamette Meridian, Oregon.

(8093—10 M.)

4½ ft. base
 Land gently sloping
 toward the north
 Pine mostly on top of ridge
 Scattering pine & fir timber.
 Good bunch grass.
 Soil 7 rate.

East on Random bet Secs.

4 & 12

Var. 21° 45' East.

44.00 Set temp. ¼ Sec. Cor.

80.30 Intersect line at cor to Secs.

1 & 12 on East bay.

Thence W. on true line

10.15

Canyon Var. 25° 50' E. N. - 200

20.00

Summit of ridge N. + 200

40.15

Set Stone 8x8x18 ins. 12 ins.

in the ground for ¼.

Sec. Cor. marked ¼ S. on

Subdivisions of T. 2 South R. 33 East
Willamette Meridian, Oregon.

N. face from which
A pine 12 ins. diam bears.
N. 35° E. 82 lks dist marked
1/4 S. B. D.

A pine 12 ins. diam bears.
N. 20° W. 34 lks. dist marked
1/4 S. B. D.

48.25	Canon	N.	-	400
70.00	Summit of ridge	N.	+	400
80.30	Do Cor. to Secs. 1-2-11 & 12			

Land broken by mountains ^{80.30 ch}
Pine timber on W. side of
Canons.
Good Birch grass.
Soil 4th rate.

South bet Secs. 11 & 12
N. 21° 45' East.

28.00	Ravine	N.	-	50
-------	--------	----	---	----

Subdivisions of T. 2 South R. 33 East

Willamette Meridian, Oregon.

(8093-10 M.)

- 37.50 Canon N. W. - 400
- 40.00 Set Stone 12x14x20 ins. 14 ins.
in the ground for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ on W.
face from which
A pine 20 ins. diam. bears.
N. 50° E. 29 lks. dist marked
 $\frac{1}{4}$ S. B. D. And
A pine 18 ins. diam. bears.
S. 50° W. 29 lks. dist marked
 $\frac{1}{4}$ S. B. D. And raised a
mound of Stone 18 ins. high
with 3 $\frac{1}{2}$ ft. base Alongside
- 65.00 Summit of ridge N. W. + 300
- 80.00 Set a post 4 ft. long 4 ins.
Square 24 ins. in the ground
for Cor. to Secs. 11-12 13 & 14
marked
D. 2. S. 12 on N. E.
R. 33. E. S. 13 on S. E.
S. 14 on S. W. and

Subdivisions of T. 2 South R. 33 East
Willamette Meridian, Oregon.

S. 17 on N. W. face. from which
A fir 4 ins. diam bears N. 45° E.
20 lks. dist marked.

D. 2. S. S. 12. B. D.

A pine 4 ins. diam. bears
S. 45° W. 23 lks. dist marked
R. 33. E. S. 14. B. D. and

A fir 10 ins. diam. bears.

N. 30° W. 69 lks. dist marked

S. 11. B. D. No other trees within
limits. Raised a mound of
stone 2 ft. high with 4½ base

along side

Land broken. Scattered pine
and fir timber.

Brunch grass on open ridges

Soil 3 pat.

Subdivisions of T. 2 South R. 33 East

Willamette Meridian, Oregon.

(8093-10 M.)

	East On Randow bet. Secs. 12 + 13	
	Var. 20° East.	
40.00	Set trip. 1/4 Sec. lev.	
80.00	Intersect line at cor. to Secs. 12 + 13 at East bay.	
	Thence N. on true line	
	Var 19° E.	
15.20	Head of canon	S. E. - 100
30.00	Summit of ridge. Trail N. + S + 100	
40.00	Set stone 6 x 8 x 16 ins. 10 ins. in the ground for 1/4 Sec. lev. marked 1/4 on N. face from which	
	A line 12 ins. diam. bears S. 20° W.	
	1.57 chs. dist. marked 1/4 S. B. D. and	
	A line 18 ins. diam. bears N. 68° W.	
	(distance lost) lks. dist. marked 1/4 S. B. D.	
	and over which I raised a mound of stone 18 ins. high with 3 1/2 ft. base	
43.50	Ravine	N. W. - 20
51.10	"	S. W.
60.20	Canon	N. - 300
70.00	Ravine	"

Subdivisions of T. 2 South R. 33 East.
Willamette Meridian, Oregon.

80.00

To cor. to Secs. 11-12-13+14
Land rough and mountainous 80 chs
Soil Rocky. Some grass.
July 20th 1887.

South Bet. Secs. 13+14
Cva. 20° East.

3.83

Ascend
Intersect U.R. bdy. 14.94 chs.
N. 25° W. of 1/2 mile cor. in
7th mile.
Set a Basalt Stone 10x10x10 ins.
7 ins. in the ground for
closing cor. to Secs. 13+14
marked U.R. C.C. on N. face
and over which I raised a
mound of stone 2 ft. high
with 4 1/2 ft. base.
Mountainous 3.83 chs
Land rocky. Soil 4th rate.

Subdivision of T. 2 South R. 33 East
Willamette Meridian, Oregon.

(8093-10 M.)

Iron corner to Secs 2, 3, 34 & 35 on
the North boundary of the Township

Iron
South on true line bet. Secs. 2 & 3
Va. $19^{\circ}30'$ East.

26.75

Cannon

E. — 500

40.00

Set a Basalt Stone $7 \times 8 \times 9$ ins.6 ins. in the ground for $\frac{1}{4}$ Sec.lev. marked $\frac{1}{4}$ on N. face and

around which I raised a

mound of Stone 18 ins. high
with $3\frac{1}{2}$ ft. base

55.00

Gulch

N. — 100

80.00

Set Basalt Stone $8 \times 10 \times 12$ ins.

8 ins. in the ground for lev. to

Secs. 2-3-10 & 11 marked with 2

notches on E. and 5 on South

Edges and dug pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist

and raised a mound of earth

2 ft. high with $4\frac{1}{2}$ ft. base

Alongside. Land broken. Scattering

fine timber Good grass. Soil 1st rate.

Subdivisions of T. 2 South R. 33 East
Willamette Meridian, Oregon.

East On Random bet. Secs. 2 + 11

Va. 20° 15' East

40.00 Set imp. 1/4 Sec. cor.

80.60 Intersect line 18 Mts. S. of cor. to
Secs. 1-2-11+12.

Thence S. 89° 52' W. on true line

Va 21° 45' East.

18.35 Ravine W. - 150

31.00 Canyon N.W. - 350

36.20 Canyon N.E. - 100

40.30 Set Basalt Stone 18x12x8 ins.
12 ins. in the ground for 1/4 Sec.
cor. marked 1/4 on N. face and
Over which I raised a
mound of Stone 18 ins. high
with 3 1/2 ft. base

80.60 To cor. to Secs. 2-3-10+11

Land rolling and mountainous. ^{40.30 chs} 40.30 ^{chs}

Scattering pine timber. Good grass.
Soil 1st and 2nd rate

Subdivisions of T. 2 South R. 33 East
Willamette Meridian, Oregon.

(8093-10 M.)

South Outer line bet. Secs. 10 & 11
Va. 20" 15' East.

- 10.75 Gulch W. - 75
- 35.00 Summit + 150
- 40.00 Set Basalt Stone 10x10x10 ins.
6 ins in the ground for 1/4 sec. lev.
marked 4 on N. face. Around
which I raised a mound of
stone 18 ins. high with 3 1/2 ft. base.
- 47.25 Ravine W. - 50
- 55.40 Canon N. W. - 100
- 80.00 Set Basalt Stone 14x10x8 ins.
9 ins. in the ground for lev.
to Secs. 10-11-14 & 15 marked with
4 notches on S. and 2 on E. edges and
over which I raised a mound
of stone 2 ft. high with 4 1/2 ft. base
Land rough and mountainous 80 ch
Soil 3rd rate.

Subdivisions of T. 2 South R. 33 East.
Willamette Meridian, Oregon.

East On Random Bet. Secs. 11 & 14

Wa. 20° East.

40.00 Set temp. 4 Sec. lev.

80.20 Intersect - East. bdy. line 12 Secs.

S. of lev. to Secs. 11-12-13 & 14

Thence S. 89° 55' W. on true line

Wa. 20° East.

5.95 Intersect U.R. bdy. 7.06. chs.

N. 58° W. of the closing cor on the Res-
line bet Secs 13 & 14 set a Basalt Stone

10 x 10 x 12 ins 8 ins. in the ground
for U.R. closing lev. marked U.R.

C.C. on E. face over which
I raised a mound of stone

2 ft. high with 4 1/2 ft. base.

25.46 Intersect U.R. bdy. 19.51 chs.

N. of last closing lev. and 2.48 chs S 80° W.
of the 72^d mile monument and

Set a Basalt Stone 8 x 10 x 16 ins.

12 ins. in the ground for U.R.

closing lev. marked U.R. C.C.

Around which I raised a mound of

12 312

Subdivisions of T. 2 South R. 33 East

Willamette Meridian, Oregon.

(8093-10 M.)


40.10 Stone 2 ft. high with $4\frac{1}{2}$ ft. base
 Set a post 3 ft. long \times 3 ins. square
 24 ins. in the ground for "4"
 Sec. cor. marked "4 S. on N. face
 and over which I raised a mound
 of stone 18 ins. high with $4\frac{1}{2}$
 ft. base

Descend

80.20 To cor. to Secs. 10-11-14 & 15
 Land rolling and very rocky
 Soil 4th rate. to grass.

South on true line bet Secs. 14 & 15
 Va. 20° East.

Ascend

6.98 Intersect U.R. body 300 chs
 S 48° 30' W. of  on U.R. edge and

Set a stone 16 x 10 x 6 ins. 10 ins.
 in the ground for U.R. closing
 cor. Marked U.R. C. C. on N face

Subdivisions of T. 2 South R. 33 East

Willamette Meridian, Oregon.

Over which I raised a mound of Stone 2 ft. high with 4 1/2 ft base. Land rolling Soil 4th rate & rocky no grass

From cor. to Secs 3-4. 33 & 34 on N. body of the Township I run

South a true line bet. Secs. 3 & 4

Wa. 19° 30' East.

40.00

Set Basalt Stone 16x12x10 ins.

10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and

Aug pits 18x18x12 ins. N. & S. of Stone 5 1/2 ft. dist. and

raised a mound of Earth 1 1/2 ft.

high with 3 1/2 ft. base alongside

58.70

Corner

E.

200

65.00

Ravine

N.W.

200

77.50

Summit

+

200

80.00

Set Basalt Stone 16x8x8 ins. 12 ins.

in the ground for cor. to Secs.

3-4-9 & 10 marked with 3 notches

on E. ^{2nd} 5 on S. Edges. Over which

and I raised a mound of Stone 2 ft. high

Subdivision of T. 2 South R. 33 East
Willamette Meridian, Oregon.

(8093-10 M.)

with 4 1/2 ft. base
Sand rolling 40 ch mountains
Soil 3rd rate.

July 21st 1887.

East On Random Bet. Secs. 3 + 10

Va. 19° East.

40.00 Set temp. 1/4 Sec. cor.

79.35 Intersect. East line 5 lks. S. of cor.
to Secs. 2-3-10+11.

Chance S. 89° 58' W. on
true line

Va. 20° 15' East.

12.25 Canon A. - 200

32.00 Summit of ridge A. + 200

39.67 Set Basalt Stone 10x8x4 ins.

6 ins. in the ground for 1/4 sec
cor. marked 1/4 on N. face
Dug pits 18x18x12 ins. E + W. of
Stone 5 1/2 ft. dist and raised a
mound of Earth 18 ins. high with

Subdivisions of T. 2 South R. 33 East.
Willamette Meridian, Oregon.

3 1/2 ft. base Alongside

49.00 canon St. - 1.50

79.35 Do cor. to sec. 3-4-9+10.

Land mountains^{and} rough 79.35 chs

Good grass.

Soil 3rd rate.

South on true line bet. sec. 9+10.

Co. 19° East.

4.25 Gulch Co. - 100

26.50 - 100

40.00 Intersect U.R. bdy.

Set Basalt Stone 8x10x14 ins.

10 ins. in the ground for 1/4 sec.

and U.R. bloding lon. marked

1/4 U.R. C.C. on N. face over

which I raised a mound of

stone 18 ins. high with 3 1/2 ft. base

Land mountains^{40 chs} Soil 2nd rate

Subdivisions of T. 2 South R. 33 East

Willamette Meridian, Oregon.

(8093-10 M.)

West on true line bet. Secs. 10 & 15
 Va. 20° East.

5.40 Ridge and Wagon Road S.W.
 24.00 Head of canon N. - 75

33.64 Intersect U.R. bdy. 2.00 ch^g on the 74th mile
 S 16° E of 1/2 mile cor. and

Set Basalt Stone 10x12x16 ins.

10 ins. in the ground for U.R.

Closing cor. marked U.R. C.C.

on E. face. Over which I raised a mound of stone 2 ft.

high with 4 1/2 ft. base - 50

Land broken.

Soil 2nd rate.

From corner to Secs 4-5-32-33 on the N. bdy of the Township I run

South on true line bet. Secs. 4 & 5

Va. 21° East.

10.00 Gulch E. - 100

22.50 " " - 100

39.50 " " - 100

40.00 Set Basalt Stone 12x10x8 ins.

Subdivisions of T. 2 South R. 33 East 317
Willamette Meridian, Oregon.

8 ins. in the ground for 1/4 sec.
Cor. marked 4 on W. face and
raised a mound of stone
18 ins. high with 3 1/2 ft. base
alongside

52.00	Top of ridge	E.	+	200
64.25	Gulch	E.	-	200
69.80	Intersect U.R. bay. 7.80 chs.			

N. 30" W. of 1/2 mile cor. in. 76" miles
Set post 4 ft. long + 4 ins. square
24 ins. in the ground for U.R.
Closing cor. marked U.R. C.C.
on N. face around which I
raised a mound of stone 2 ft. high
with 4 1/2 ft. base.

75.00 Daly Wagon Road on ridge N.W.

80.00 Set stone 7 x 8 x 20 ins. 14 ins. in
the ground for. less to sec. 4-5-
8+9. Cor. marked with 4 notches on
E. and 5 on S. edges. Cor. which
I raised a mound of stone 2 ft. high

18318

Subdivisions of T. 2 South R. 33 East.

Willamette Meridian, Oregon.

(8093-10 M.)

with 4 1/2 ft. base. ^{mountain} ^{and} rocky 69.80 ch
Soil 4th rate.

East on Random bet. Secs. 4 & 9.

Va. 18° 45' East.

4000 Set. temp. 1/4 Sec. lev.

80.00 Intersect East line at lev. to Secs.

3-4-9 & 10

Thence N. on true line.

13.10 canon course et. - 100

13.90 " " " - 20

36.54 Summit of ridge + 150

4000 Set stone 18x12x8 ins. 12 ins. in the
ground for 1/4 Sec. lev. marked 1/4 on
N. face. Over which I raised a
mound of stone 18 ins. high with
3 1/2 ft. base.

74.19 Intersect U.R. body. 4.04 chs.
S. 30° E. of 1/2 mile lev. in 7 1/2^{to} mile

Subdivisions of T. 2 South R. 33 East 319
 Willamette Meridian, Oregon.

and set Basalt stone 20x10x5 ins.

14 ins. in the ground for U.R.

closing cor. marked U.R.C.C.

on E. face over which I

raised a mound of stone

2 ft. high with 4 1/2 ft. base

and rolling.

Soil 3rd rate.

From corner to Secs 5-6 31+32 on the

North boundary of the Township

South ^{Iron} true line bet. Secs. 5 & 6

ba. 20° East.

Ascend

9.80

Intersect U.R. body H. 08 chs.

at 43° 30' E. of 78th mile cor. and

set a Basalt stone 10x12x16 ins. 8 ins

in the ground for U.R. closing cor.

marked U.R.C.C. on S. face

over which I raised a mound

of stone 2 ft. high with 4 1/2 ft. base

17.50

Daly Wagon Road course N.E.

Subdivisions of T. 2 South R. 33 East.
Willamette Meridian, Oregon.

(8093-10 M.)

36.00 Dry ditch in canon - 300

40.00 Set stone 7x8x10 ins. 7 ins. in
the ground for $\frac{3}{4}$ sec. lev.
marked $\frac{3}{4}$ on W. face around
which I raised a mound
of stone 18 ins. high with
3 $\frac{1}{2}$ ft. base.

Ascend

41.00 Gulch corner N.W. - 200

71.50 I intersect U.R. by 13.95 chs.
N. 67° 30' W. of 79th mile lev.

Set a stone 7x10x18 ins. 12 ins. in
the ground for U.R. closing for
marked U.R. C.C. on N face and
over which I raised a mound
of stone 2 ft. high with 4 $\frac{1}{2}$ ft base
Land ^{no mountains} 71.50 chs
No timber.

Good grass. Soil 2nd rate

July 22^d 1887

Subdivision of T. 2 South R. 33 East
 Willamette Meridian, Oregon.

In accordance with
 the requirements of the man-
 ual of surveys we have
 carefully tested the adjust-
 ment of our instruments by
 taking the latitude daily
 weather permitting during
 the progress of the surveys.
 represented by the foreg-
 oing field notes and in
 all cases the instruments
 were found to be in cor-
 rect adjustment.

James P. Currier
 James E. St. Louis
 U. S. Dept. of Surveyors

FINAL OATHS FOR SURVEYS:

406
A list of the names of the individuals employed by James P. Curran
and James E. Toland, U. S. Deputy Surveyor, to assist in
running, measuring, and marking the lines and corners described in the
foregoing field notes of the survey of the Subdivisional
lines of Tps. 1 & 2 N., R. 33
East. Willamette Meridian, Oregon,
showing the respective capacities in which they acted:

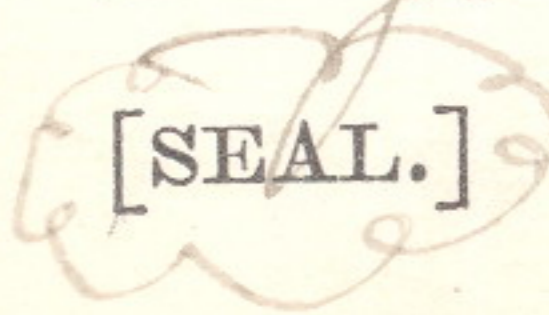
-, Compassman.
- J. S. Medley....., Chainman.
- W. H. Medley....., Chainman.
- Francis Belshaw....., Chainman.
- Guy Davis....., Chainman.
- B. B. Crowner....., Axman.
- J. R. Hadley....., Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted James P. Curran and
James E. Toland, U. S. Deputy Surveyor, in surveying
all those parts or portions of the Subdivisional
lines of Tps 1 & 2 N., R. 33
East Willamette Meridian, Oregon,
as represented in the foregoing field notes as having been surveyed 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 surveyed,
and the corner monuments established, according to the instructions
furnished by the U. S. Surveyor General of Oregon.

-, Compassman.
- J. S. Medley....., Chainman.
- W. H. Medley....., Chainman.
- Frank Belshaw....., Chainman.
- Guy Davis....., Chainman.
- B. B. Crowner....., Axman.
- J. R. Hadley....., Axman.
-, Flagman.

Subscribed and sworn to before me this 22nd day of
July, 1887.



James E. Toland
U. S. Deputy Surveyor

FINAL OATH OF DEPUTY SURVEYOR.

I, James P. Curran and James E. Holand, United States
 Deputy Surveyor, do solemnly swear that in pursuance of instructions
 received from Douglas H. Taylor, U. S.
 Surveyor General for Oregon, bearing date of the May 13th
 day of May, 1887, I have well, faithfully,
 and truly, in my own proper person, and in strict conformity with the
 instructions furnished by the U. S. Surveyor General for Oregon, the
 Surveying Manual, and the laws of the United States, surveying all
 those parts or portions of, Sp. 172. S. R. 33 East

Willamette Meridian, in the State of Oregon, as are represented in the
 foregoing field notes as having been surveyed by me and under my
 directions; and I do further solemnly swear that all the corners of said
 survey have been established and perpetuated in strict accordance with
 the Surveying Manual, printed instructions, the special written instruc-
 tions of the U. S. Surveyor General for Oregon, and in the specific man-
 ner described in the field notes, and that the foregoing are the *true* field
 notes of such survey, and should any fraud be detected I will suffer the
 penalty of perjury under the provisions of an act of Congress approved
 August 8, 1846.

James P. Curran James E. Holand
 U. S. Deputy Surveyors,

Subscribed and sworn to before me this Fifteenth
 day of February, 1888

W. Woodcock
 Notary Public
 for Oregon

Office of U. S. Surveyor General,

Portland, Oregon, June 20th, 1888.The ~~following~~ ^{survey} Field Notes of the Survey of theSubdivisional Lines of Towns
ships 1 and 2 South Range

33 East Will. Mer. Oregon

executed by James P. Currier and James E. Nolan
Special Joint - U. S. Dept. Surveyors
under his Contract No. _____, dated May4th, 1887, having been critically examined,
the necessary corrections and explanations made, the
said Field Notes and the survey they describe, are
hereby approved.Douglas W. Taylor -
Surveyor General.