

FIELD NOTES

Of the survey of the Subdivisional
 Lines of Township 1 South of
Range 37 East of, Willamette Meridian,
 Oregon, as surveyed by Henry Meldrum
 U. S. Deputy Surveyor, under his Contract No. 450
 dated June 11th, 1882

Survey commenced, September 20th 1882
 Survey completed, September 30th 1882

NAMES AND DUTIES OF ASSISTANTS.

Henry Meldrum, Compassman.
Lee Campbell, Chainman.
J. C. Hetzel, Chainman.
 _____, Chainman.
 _____, Chainman.
Ed. Garrett, Axeman.
 _____, Axeman.
 _____, Flagman.

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PRELIMINARY OATHS OF ASSISTANTS:

We, J. E. Metzger and
Lee Campbell

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 Town 1 South
Range 37 East of Willamette Meridian, Oregon.

J. E. Metzger, Chainman.
Lee Campbell, Chainman.
_____, Chainman.
_____, Chainman.

Subscribed and sworn to before me, this Twenty ninth
day of August 1882

[SEAL.] Rufus D. Moon
Notary Public

We, J. Ed Garrett and

_____, do solemnly swear that we will well and truly perform the duties of Axemen 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
Town 1 South R. 37. E of Willamette Meridian, Oregon.

_____, Axeman.
Ed. Garrett, Axeman.

Subscribed and sworn to before me, this Twenty ninth
day of August 1882

[SEAL.] Rufus D. Moon
Notary Public

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Referring the Lines to the Pages of the field Notes.

T. 1 South R. 37 East Will. Mer.

6	99	5	71	4	53	3	36	2	17	1
98		96		69		51		34		16
7	94	8	68	9	50	10	32	11	14	12
92		91		66		49		31		13
18	89	17	64	16	47	15	29	14	12	13
87		86		63		46		27		10
19	84	20	61	21	44	22	26	23	9	24
81		80		60		43		24		7
30	79	29	58	28	41	27	23	26	5	25
77		76		57		40		21		4
31	74	32	55	33	38	34	19	35	1	36

Meanders of _____ Pages: _____ to _____

Meanders of _____ Pages: _____ to _____

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Note, At beginning of Survey
of this township Edwin Menifield
was obliged to leave to attend to other
business and J. E. Hetzel was employed
in his stead hence his name
appears in affidavits for this Sep.

Subdivision of T. 1 South R. 37 East

Willamette Meridian, Oregon.

ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on
N face. from which:

A Linnæus 10 mi diam bears $N 62^{\circ} W 35'$ dist
marked $\frac{1}{4}$ S. B. T.

A Linnæus 6 mi diam bears $S 53^{\circ} W 12'$ lb
dist - marked $\frac{1}{4}$ S. B. T.

So So The line to Sec 1, 2, 11 & 12.

Land Mountainous

Soil 2nd rate

Beaver from + fir timber

Scrub from + fir undergrowth

North Between Secs 1 + 2

bear $22^{\circ} 30' E$

1.00 Leave bottom and ascend Hill

37.00 Runni course W. 1000 ft above
Sec. Cor.

4000 At Stone $16 \times 10 \times 5$ - 11 mi in ground
for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N
face. and raised around of
stone alongside in open glade
pts impracticable

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Subdivision of T. Louth R. 37 East

Willamette Meridian, Oregon.

75.00 Top of Pulgi beam E-W 300 ft
above $\frac{1}{4}$ in len. and
descend.

88.00. Intersect Base line 952 lks
East of Hanel cor to Sec 35+36
A Basalt Stone $20 \times 12 \times 8$ ^{ins.} marked
B.L. with 1 notch on E and 5 on
W edges from which:

A Fir 6 in diam beam N $7^{\circ} E$ 49 lks dist
marked T. 1. N. R. 37. E. S. 36 B. L.

A Fir 22 in diam beam S $85^{\circ} W$ 21 ~~lks~~
marked T. 1. S. R. 37 E. S. 2. B. L.

A Fir 24 in diam beam N $45^{\circ} W$ 51 lks dist
marked T. 1. N. R. 37 E. S. 33 B. L.

Here set Basalt Stone $16 \times 8 \times 8$ ^{ins.} in
in ground for closing corner
to Sec 1+2. marked C.C. with
1 notch on E and 5 on W and 6 notches
on S. Edges from which:

A Fir 18 in diam beam S $89^{\circ} 30' W$ 20 lks dist
marked T. 1. S. S. 2. B. L. C. C.

A Fir 5 in diam beam N $20^{\circ} E$ 30 lks dist

Subdivision of T. 1 South R. 37 East
Willamette Meridian, Oregon. 321
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marked T. 1 N S. 36. C.C. B.S.

April 20 midday beam S 77° E 8 lsd at

marked R. 37 E. S. 1 B.S. C.C.

Learn Mountains

July 21 ^{noon} rate.

Smiles Fir Pine and Larch
undergrowth of Fir Pine & Alder
September 21st 1882

From the corner to Sec 34, 35, 2 & 3
on S boundary of Township which is a post 4 1/2 ft
long 4 in square marked - T 1 S S 35 on NE - R 37 E S 2 on SE.
T 2 S S 3 on SW and S 34 on NW with 4 notches on W & 2 on E
edges from which

April 16 midday beam N 57° E 43 lsd at - marked T. 1 S, R. 37, E, S 35 B.S.

A " 12 " " " N 31° W 29 " " " T 1 S R 37 E S 34 B.S.

A " 15 " " " S 53° W 64 " " " T 2 S R 37 E S 3 B.S.

From North Between Sec 34 & 35 -

Descend steep hill from corner Jan 20th

5.10 Brook 8 lsd wide run th - 150 ft below corner

Ascend from Brook.

Subdivision of T. Smith R. 37 East

Willamette Meridian, Oregon.

North Between Sec 2 & 3

bar 21° 30' E

Descend along hillside

18.80 Brown 5 1/2 lbs wide runs NW
400 ft below Sec. Cor.

thence along E side of Run
down Ridge

4000 At first 3 ft long 3 in diameter
24 in in ground for 1/4 section
marked 1/4 S. on N face.

from which:

A 5 in diameter beam S 70° W 42 lb dist
marked 1/4 S. B. T.

A 7 in diameter beam N 42° E 81 lb dist
marked 1/4 S. B. T.

Descend point beam NW

70.25 Brown 6 lbs wide runs NE 600 ft
below 1/4 Sec. Cor.

76.75 Run 10 lbs wide runs NW and
Ascend hill

88.20 Intersect Base Line 10.40 ch
East of Cor. to Secs 34 & 35 -

Subdivision of T. 1 South R. 37 East **339**

Willamette Meridian, Oregon.

which is a post 4 ft long 4 mi square
marked B. L. T. 1 N R. 37. E. on N

S 35 on E and S 34 on W faces with
2 notches ^{on E} and 4 on W faces

from which:

A Linnearack 11 mi diam bears N 30° E 26 lb dist
marked T. 1 N R. 37 E S 35 B. T.

A Linnearack 10 mi diam bears S 5° W 17 lb dist
marked T. 1 S R. 37 E S. 3. B. T.

A Linnearack 6 mi diam bears N 65° W 13 lb dist
marked T. 1 N R. 37 E. S 34 B. T.

At here I set Basalt Stone 20 x 8 x 5 ^{WA} 15
mi mi ground for Closing Cor to Sec
2 & 3. marked with 2 notches on E
and 4 notches on W edges with C. C on South
face — from which:

A post 15 mi diam bears S 63° W 109 lb dist
marked T. 1 S. R. 37 E. S 3. C. C. B. T.

A post 15 mi diam bears S 11° E 116 lb dist
marked T. 1 S. S 2 C. C. B. T.

A post 8 mi diam bears N 57° E 27 lb dist
marked T. 1 N R. 37 E. C. C. B. T.

Subdivision of T. 1 North R. 37 East 355
 Willamette Meridian, Oregon.

North Between Secs 3 & 4

var $23^{\circ} 15' E$

Ascend

7,500 Top of hill bears N $102^{\circ} 06'$

4000 To put 3 ft long 3 in square 24 in
 in ground for "4 Sec corner -
 marked "4 S on N face.

from which:

A *Tribrachium* bears $S 38^{\circ} W$ 5-10 dist
 marked "4 S. B. I.

A *Lunatic* 15 in *denin* bears $S 62^{\circ} E$
 15-10 dist - marked "4 S. B. I.

Descend from "4 Sec. Cor.

7850 Ravine course NW 400 ft
 below "4 Sec. Cor.

8800 Intersect Base Line 945-10
 East of Cor & Sec 33 & 34.

First marked

B. L. I. 1. N. R. 37 E on N.

S 34 on E and

S 33 on W face with 3 notches on
 E and W faces from which

Labelium of T. 1 North R. 37 East

Willamette Meridian, Oregon.

A Fir 30 in diam bears N 10° E 19 lbs dit
marked T. 1. N. R. 37 E. S. 34 B. T.

A Fir 24 in diam bears S 15° E 76 lbs dit
marked T. 1. S. R. 37 E. S. 3 B. T.

A Fir 18 in diam bears N 40° W 10 lbs dit
marked T. 1. N. R. 37 E. S. 33 B. T.

Here. It is 4 ft long 4 in square
24 in in girth for clearing

Corner to Sec 304, marked
C. C. T. 1. S R. 37 E on S

S. 3 on E and

S 4 on W face with 3 notches
on E & W faces and 6 notches on
S face which:

A Fir 18 in diam bears N 68° W 23 lbs dit
marked T. 1. N. R. 37 E S. 34 B. T.

A Fir 6 in diam bears S 48° W 25 lbs dit
marked R. 37 E S. 4. B. T.

A Spruce 7 in diam bears S 12° E 45 lbs dit
marked T. 1. S. S. 3. B. T.

Level Mountain

Soil 2^{me} rate.

Subdivision of T. 1 South R. 37 East 373
Willamette Meridian, Oregon.

North Between Sec 4 & 5
on $22^{\circ}30'E$

35.00 Ascend hill

35.00 Top of Redgi bean N East 1000 ft
above Sec. corner. and
descend.

40.00 40.00 At first 3 ft long 3 mi square
24 mi square for "4 Sec corner
marked "4 Low 10 fac.
from which:

A Tr 16 mi down bean S $64^{\circ}E$ 28 to dist
marked "4 S. B. J.

A Tr 20 mi down bean S $66^{\circ}W$ 35 to dist
marked "4 S. B. J.

74.75 74.75 Ravine corner SW - 400 ft
below "4 Sec. corner. and
Ascend

85.00 85.00 Top of Redgi bean ESW + descend

88.89 88.89 Intersect Base Line, 1065 to East
of cor to Sec 32 + 33. which is
A spot $4\frac{1}{2}$ ft long 4 mi square
marked. B. L. J. 1, N. R. 37 E on N

Subdivision of T. 1 Section R. 37 East

Willamette Meridian, Oregon.

S 33 on E end

S 32 on W faces with 4 notches
on E and 2 on W faces:

from which.

A Linnarack 15 midline bears $N 55^{\circ} E 15$

dist - marked T. 1. N. R. 37. E. S. 33,
B. S.

A Linnarack 10 midline bears $S 17^{\circ} W 26$ lbs dist
marked T. 1. S. R. 37. E. S. 5. B. S.

A Linnarack 14 midline bears $N 40^{\circ} W 26$ lbs
dist - marked T. 1. N. R. 37. E. S. 32. B. S.

These dip 4 1/2 ft long 4 in square
24 in in ground. For clearing corner
to Sec 4 & 5, marked.

C. C. T. 1. S. R. 37. E on S.

S. 4, on E end

S 5 on W faces with 4 notches
on E and 2 on W edges.

from which

A Linnarack 12 midline bears $S 50^{\circ} W$
14 lbs dist - marked R. 37. E. S. 5. B. S.

A Linnarack 5 midline bears $N 48^{\circ} W 11$ lbs dist

Subdivision of T. 1 South R. 37 East 375
 Willamette Meridian, Oregon.

marked T 1 N S 33 B 3.

A 12 mi diam beam S 54° E 44 listed

marked T. 1. S. S. 4 B. 3.

Laurel Mountains

Soil 2 ^{mes}/₂ rate

Heavy pine fir & Lammack timber
 Some undergrowth of pine fir Willow
 and Laurel

September 26th 1882

From the Corner to Sec 31 32, 5 & 6 on
 South boundary of Township which
 is about 4 ft long 4 mi square.
 marked

T 1 S S 32 on N E.

R 37 E S 5 on S E

T 2 S S 6 on S W

and S. 31 on N W with 1 notch
 on N and 5 notches on E edge
 from which

Subdivision of T. 1st 1/2th R. B. 7th East
Willamette Meridian, Oregon.

A Linnarack 24 in diam bears
S 20° W 14 lbs distant marked
90.50' 1/4 S. B. T.

9050 The corner to Sec 5, 6, 7 & 8,
Land Mountains
Soil 2nd rate.

Heavily timbered with pine fir
and Linnarack.
Sec 5, 6, 7 and 8 underneath.

North Between Sec 5 & 6,
var 21° E,

Descend,

1700 ^{17.00} Ravine corner NE 350 ft
below Sec. corner, and

Ascend,

3000 ^{30.00} Top of Ridge bears NE SW
300 ft above last Ravine and

Descend,

4000 ^{40.00} Set post 3 ft long 3 in square
24 in in ground for 14 Sec 6

Subdivision of T. 1 South R. 37 East
 Willamette Meridian, Oregon.

marked '4 S. on W face

from which:

A Li 12 in diam beam $N 60^{\circ} W$ 29 lbs dist

marked '4 S. B. T.

A Li 12 in diam beam $N 30^{\circ} E$ 27 lbs dist

marked '4 A. B. T.

100 ft below top of Redgi

53.65 beam 10 lbs wide arm $N 20^{\circ} W$

600 ft below '4 Sec. lev &

Ascend along hillside

88.70 Intersect Base Linn 1000 lbs

East of lev to Sec 31 + 32

which is a post 4 ft long 4 in square — marked

B. L. T. 1. N. R. 37. E on N.

S 32 on E and

S 31 on W with 5 notches on

E and 1 on W edge,

from which:

A Li 10 in diam beam $N 80^{\circ} E$ 50 lbs dist

marked T. 1. N. R. 37. E. S 32. B. T.

A Li 10 in diam beam $S 5^{\circ} E$ 46 lbs dist

Subdivisions of T. 1 South R. 37 East
Willamette Meridian, Oregon.

marked T. 1, S. R. 37, E. S. 5, B. 1

A 1/2 mi median bears N 20° W 72 lbs dist

marked T. 1, N. R. 37, E. S. 31, B. 1

Stone set Basalt from 18 x 10 x 4 ins

12 in in grain for crossing corner

to Sec 5 & 6, marked E. C. with

5 notches on E and 1 on W edges

from which.

Apri 40 mi median bears S 16° W 54 lbs dist

marked R. 37, E. S. 6, B. 1

Apri 4 mi median bears S 32° E 44 lbs dist

marked T. 1, S. S. 5, B. 1

Apri 7 mi median bears N 7° W 31 lbs dist

marked T. 1, N. S. 32, B. 1

Sound Mountains

Soil 2nd rate

Heavy pine logs and Larch
timber

Some undergrowth of Log pine & willow

September 30th 1882

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by Berry
Meldrum, 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 Town 1 South
Range 37 East Willamette Meridian, Oregon,
 showing the respective capacities in which they acted :

- Berry Meldrum, Compassman.
- Lee Campbell, Chainman.
- J. E. Wetzel, Chainman.
- _____, Chainman.
- _____, Chainman.
- Ed. Garrett, Axeman.
- _____, Axeman.
- _____, Flagman.

FINAL OATHS OF ASSISTANTS

We hereby certify that we assisted Berry Meldrum
 _____, U. S. Deputy Surveyor, in surveying all
 those parts or portions of the Subdivisional Survey
Town 1 South of Range 37
East of the Willamette Meridian, Oregon,
 as are 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.
- Lee Campbell, Chainman.
- J. E. Wetzel, Chainman.
- _____, Chainman.
- _____, Chainman.
- Ed. Garrett, Axeman.
- _____, Axeman.
- _____, Flagman.

Subscribed and sworn to before me, this First day of
December 1882

[SEAL.] _____
Rufus S. Mason
 Notary Public

FINAL OATH OF DEPUTY SURVEYOR.

I, Henry Meldrum
 United States Deputy Surveyor, do solemnly swear that in pursuance of in-
 structions received from J. C. Loran
 U.S. Surveyor General for Oregon, bearing date of the Eleventh
 day of June, 1882, I have well, faith-
 fully 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 Subdivisional Cori of
Town 1 South, Range 37, East of
 Willamette Meridian, in the State of Oregon, as are represented in the fore-
 going 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 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 *true* field notes of such survey, and should
 any fraud be detected I will suffer the penalty of perjury under the pro-
 visions of an Act of Congress approved August 8, 1846.

Henry Meldrum
 U. S. Deputy Surveyor.

Subscribed and sworn to before me, this First
 day of December, 1882.

Rufus S. Mason
 Notary Public

407A

Office U. S. Surveyor General,

Portland, Oregon, *May 18,* 188*3.*

The following Field Notes of the Survey of the

*Subdivisions of Twp. 1 South
Range 37 East, Will. Mer.,
Oregon*

executed by *Henry Moldrum*

under his Contract No. *450*, dated *11th*

June, 188*2*, having been critically examined, the
necessary corrections and explanations made, the said field notes
and the survey they describe, are hereby approved.

James C. Tolman

Surveyor General.