

FIELD NOTES

Of the survey of the Boundary

Lines of Dismissed Umatilla Indian
Reservation Willamette Meridian,

Oregon, as surveyed by James P. Currier

U. S. Deputy Surveyor, under his Contract No. 537

dated March 5 1889

Survey commenced, June 19 1889

Survey completed, June 28 1889

NAMES AND DUTIES OF ASSISTANTS,

....., Compassman.

....., Chainman.

....., Chainman.

J. R. Laramore, Chainman.

J. L. Brown, Chainman.

C. M. Story, Axeman.

R. E. Long, Axeman.

....., Flagman.

1A

PRELIMINARY OATHS OF ASSISTANTS.

We, J. R. Saramore &
T. L. Brown

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 Boundary line of the Diminished Chematilla
Indian Reservation Willamette Meridian, Oregon.

J. R. Saramore, Chainman.

T. L. Brown, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me, this 18th

day of June 1889

[SEAL.]

Thos Fitz Gerald
Notary Public

We, C. M. Stone and
R. E. Long,

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

Boundary lines of the Diminished Chematilla Indian Reservation Willamette Meridian, Oregon.

C. M. Stone, Axeman.

R. E. Long, Axeman.

Subscribed and sworn to before me, this 18th

day of June 1889

[SEAL.]

Thos Fitz Gerald
Notary Public

Boundary of Diminished Res. 30

through of T. 1 South R. 33 ~~East~~ 29

Willamette Meridian, Oregon.

East body,

North on true line between
Secs 1. and 6.

Var 19° 0.

- | | | |
|-------|--|-------|
| 600 | Canyon corner N. | - 50 |
| 18.75 | " " " " | - 100 |
| 34.00 | Summit of ridge | + 250 |
| 4000 | The old $\frac{1}{4}$ Sec corner which
is a stone 10 x 10 x 8 ins
7 ins in the ground marked
$\frac{1}{4}$ on W. face
from which
A pine 12 ins diam bears N. 82° E.
17 lbs dia marked $\frac{1}{4}$ S. B. S.
I marked stone and tree
D. R. on W. face. | |
| 57.50 | Creek bottom | |
| 71.50 | North fork of Mc Kay creek
course S.W. 20 lbs wide | - 250 |
| 86.65 | To the base line 7.00 chs
W of the $\frac{1}{4}$ Sec corner on S. body | |

31
30
Boundary of Deeded Res.
through of T. 1 South R. 33 E.
Willamette Meridian, Oregon.

(8093-10 M.)

of Sec 30 T. 1 N R. 34 E.
which is a stone 6 x 3 x 1
ft above ground marked with
6 notches on S. E. & Wedges. &
CC on S. face & cross (+) at
exact corner point and mound
of stone alongside
I marked Stone D. R. on
W. face.

Land high mountainous
rocky and steep.

Good pine timber along
North fork of Mc Kay
Creek bottom.

Saw good grass.

Boundary of Dumashed Res.

31 1/2

through of T. 1 South R. 33 E.

31

Willamette Meridian, Oregon.

Base line

From the closing corner
to Township 1 S R. 33 & 34
E. and

From

S 89° 54' W. on true line
on South bdy. of Sec 31.

T. 1 N R. 34 E. retracing
the Base line $\angle 18^{\circ} 30' E$

Ascend steep mountain

35.74 Intersect the corner to
Township 1. N Ranges
33 and 34 E. and

which is a stone 18 x 12

x 10 ins firmly set in

the ground marked S.C.

with 6 notches on N E.

& South edges & around

of stone over it.

Dumashed stone D. R.

on S.W. face.

Boundary line of Township ³²
Res. of T. 1 North R. 33 East ³³

Willamette Meridian, Oregon.

East ldy

From the corner to Township
1. North Range 33 & 34 East
~~which is stone 18 x 12 x 10 in~~
~~firmly set in the ground~~
~~marked T.C. with 6 notches~~
~~on N.E. & S. edges & mound of~~
~~stone over it.~~

~~I marked stone D.R. on S.W.~~
~~face~~

I run

North on East ldy of T. 36.
Var 20° 30' E

Ascend ridge

32.50 Summit course S.E. Descend

38.50 Gulch course S.E.

40.00 To $\frac{1}{4}$ Sec corner on steep
east slope which is a stone
9 x 8 x 7 in 6 in in the
ground marked $\frac{1}{4}$ on W. face
& mound of stone as long guide
I marked stone D.R. on W. face

34

34

Boundary of Diminished Res.

of T. 1 North R. 33 East

Willamette Meridian, Oregon.

East bdy

(8093-10 M.)

76.00 Top of ridge corner S.W. ⁺⁸⁰⁰ +800

86.00 To corner to Secs. 25-30-31

& 36. which is a basalt
stone 12 x 9 x 7 ins 8 ins

in the ground marked with
1. notch on S. and 5 notches
on N. edges & mound of stone
along side.

I marked stone D.R. on N.
face

Land mountainous & steep

Soil rocky & is water

Poor grass

Boundary of D unimproved

34

35

Res. of T. 1 North R. 33 East

Willamette Meridian, Oregon.

East side

North on E. side of Sec 25
Var 27° E.

Descend to

1400 Ravine course NW. - 300

3500 Summit of ridge course SE. + 500

4000 To the old $\frac{1}{4}$ Sec corner which
is a stone 9 x 8 x 7 ins 6 ins
in the ground marked $\frac{1}{4}$ on
W. face and mound of stone
alongside. I marked stone
D. R. on W. face

7500 Table land + 300

8000 To corner to Secs. 19-24-25
and 30 which is a basalt
stone 12 x 9 x 7 ins 8 ins in
the ground marked with
2 notches on S. and 4 notches
on N. edges with pits 18 x 18
12 ins in each see 5 $\frac{1}{2}$ ft
dist & mound of earth

356 Boundary of Demmishel
Res. of T. 1 North R. 33 East
Willamette Meridian, Oregon.

East ldy

(8093-10 M.)

2 ft high $4\frac{1}{2}$ ft base
alongside. I marked stone
D.R. on W face.

Land high mountainous
& rocky.

Good grass where there
is no rock

June 26th 1889

Boundary of Deminished

36
37

Res. of T. 1 North R. 33 East

Willamette Meridian, Oregon.

East bdy

North in East bdy of
Sec 24.

Var 20' E.

27.50 Leave Table land

36.50 Canyon course W. -250

40.00 To the $\frac{1}{4}$ Sec corner which
is a stone 12 x 10 x 8 in marked
 $\frac{1}{4}$ on W. face with mound of
stone alongside I marked
stone D.R. on W. face

Ascend

57.50 Gulch course W. -100

80.00 To the Sec corner to Secs.
13-18-19 & 24 which is a
stone 20 x 12 x 12 in 15 in in
the ground marked with 3 notches
on N & S edges & mound of stone
alongside I marked stone
D.R. on W. face
Land high mountains

37 Boundary of Diminished

38 Res. of T. 1 North R. 33 East

Willamette Meridian, Oregon.

East body

(8093-10 M.)

but not so rough as
South of it.
Soil on Table land strata
Good grass.

Boundary of Dismished 38
Res. of T. 1 North R. 33 East 39
Willamette Meridian, Oregon.

East ldy

- North on East ldy of Sec
13. Var 21°E
- 6.00 Trail course NE.
- 10.00 Descend
- 23.25 Canyon Judie Willow
course NW.
- 40.00 To the old $\frac{1}{4}$ Sec corner
which is a stone $12 \times 8 \times 6$
ins 8 ins in the ground
marked $\frac{1}{4}$ on W. face &
mound of stone alongside
I marked Stone D.R. on
W. face.
- 45.00 Summit
- 67.80 Canyon Spring branch
 $2 \frac{1}{2}$ ldy wide course W.
- 80.00 To the corner to Secs 12-13
 7×18 which is a basal
stone $20 \times 16 \times 10$ ins 15 ins
in the ground marked with

39 Boundary of Diminished
Res. — of T. 1 North R. 33 W.

Willamette Meridian, Oregon.

East side

(8093—10 M.)

4 notches on S. and 2 notches on N. edge and mound of stone alongside I marked stone D.R. on N. face

Said mountain
cut by deep canyon
Head of Tiddie Weller
Creek.

Soil 1-2 ft into on rocky
Good grass.

June 26th 1889

Boundary of Dammed 49

Res through of T. 1 North R. 34 East
Willamette Meridian, Oregon.

N. $88^{\circ}55'$ E. on true line
between Ties 7 and 18
Var. $21^{\circ}45'$ E

4330 The old $\frac{1}{4}$ Tie corner which
is a basalt stone $16 \times 10 \times 8$
ins 11 ins in the ground reaching
 $\frac{1}{4}$ on N face with pits 18×18 .
 $\times 12$ ins E & W of stone $5\frac{1}{2}$ ft
dirt mound of earth $1\frac{1}{2}$ ft
high $\times 3\frac{1}{2}$ ft base alongside
I marked stone D.R. on N.
face.

74.00 Canyon corner N. -150

83.30 Tie corner to Ties. 7-8-17
and 18. which is a basalt
stone $12 \times 10 \times 8$ ins 8 ins in
the ground marked with 4
notches on S. & 5 notches on
E. edges & mound of stone
over it.

41 Boundary of Damished

Res. through of T. 1 North R. 34 C.

Willamette Meridian, Oregon.

(8093-10 M.)

I marked stone with
D.R. on N. face

Land mountainous
Slopes to West
Good grass
Soil 2d rate

Boundary of Diminished Res ⁴²
through of T. 1 North R. 34 E. ⁴³
Willamette Meridian, Oregon.

Cast on true line between
Pis 8 + 17.

Var 18° 45' E.

350 Gulch corner N. -100

1002 A. post 3 ft long 3 ins square

24 ins in the ground for $\frac{1}{32}$

See corner mark $\frac{1}{32}$

and D.R. on N face

from which

a pine 8 ins diam bears S 45° W.

163 lbs. dist. marked D.R. $\frac{1}{32}$ T.B.S.

A pine 12 ins diam bears S 25° W 145

lbs. dist. marked D.R. $\frac{1}{32}$ T.B.S.

2004 A. basalt stone 10 + 9 + 8 ins

6 ins in the ground for $\frac{1}{16}$ + $\frac{1}{32}$

See corner marked $\frac{1}{32}$ on W. + $\frac{1}{16}$

on E. + D.R. on N. face

and ~~is~~ a mound of stone

over it. Pits unpracticable

4008 Intersect the $\frac{1}{4}$ See corner which

is a basalt stone 20 + 12 + 8 ins

Boundary of Diminished Res

Traverse of T. 1 North R. 34 East
 Willamette Meridian, Oregon.

(8093-10 M.)

15 ins in the ground marked
 $\frac{1}{4}$ on N. face which I marked
 D.R. on N. face, from which
 a pine 12 ins diam bears N 83° E

65 lb dirt marked $\frac{1}{4}$ I.B.I.
 I marked D.R.

a pine 12 ins diam bears S 50° E
 84 lb dirt marked $\frac{1}{4}$ I.B.I.

I marked. D.R. on the same

50.10.

A stone 11 x 7 x 6 ins 7 ins in
 the ground for $\frac{1}{32}$ Tree corner
 marked $\frac{1}{32}$ and D.R. on N. face
 from which

a pine 36 ins diam bears S 10° W
 10 lb dirt marked $\frac{1}{32}$ I.B.I.
 D.R.

a pine 20 ins diam bears N. 75° E
 20 lb dirt marked D.R. $\frac{1}{32}$ I.B.I.

80.17 To the corner to Secs 8-9-16x17
 which is a post 4 ins square
 firmly set in the ground
 marked

I. 9 I. 1 N on N.E.

I. 16 on S.E. R. 34 E I. 17
 on S.W. + I. 8 on N.W. faces

Boundary of *Deminished* ⁴⁴ ~~45~~

through of T. 1 North R. 34 East
Willamette Meridian, Oregon.

with 4 notches on S & E edges
from which

a fir 6 ins diam bears N 50° W
dist 10 lbs. marked T 8 R 34 E

a fir 10 ins diam bears S 20° E.

100 lbs dist. marked T 16 S. 1 N. B. S.

+ mound of stone along side

I marked post on W. face

+ trees with D. R.

Land rolling & covered

with pine timber

Soil 3d rate

East on true line between
Tees. 9 & 16.

Var 22° 45' E.

3350 Canyon

ascend

3900 Top of Ridge

+ 400

45 Boundary of Diminished

Res through of T. 1 North R. 34 E.
 Willamette Meridian, Oregon.

(8093-10 M.)

- 4000 Intersect the $\frac{1}{4}$ Sec corner
 which is a stone 16 x 12 x 8
 ins 11 ins in the ground
 marked $\frac{1}{4}$ on N face I marked
 the same D. R. on N face
 from which
 a pine 16 ins diam bears N 60° W.
 65 lbs dirt marked $\frac{1}{4}$ I B. I.
 a pine 18 ins diam bears S 15°
 E 55 lbs dirt marked $\frac{1}{4}$ I. B. I.
 I marked trees with D. R.
- 43.50 Gulch corner I. C. -300
- 49.50 Top of ridge + 250
- 71.50 Branch of Mc Kay creek
 10 lbs white corner I. C. - 300
- 80.00 To the corner to Secs 9-10
 15 & 16. which is a stone
 16 x 10 x 8 ins 11 ins in ground
 marked 4 notches on S & 3 notches
 on E. edge & around of stone
 over it I marked stone D. R. on
 N face + 800
 Land incultivated Good pine
 fir & Larch timber Soil 4th rate

Boundary of Dumoulin

Res. through of T. 1 North R. 34 E
Willamette Meridian, Oregon.

1000

S. 89° 39' E on true line between
Tees 10 and 14

Var 21° 45' East

308.47 Top of Mountain

39.92 ^{Descend} Intersect the 1/4 Sec corner
which is a stone 14 x 10 x 6

ins 10 ins in the ground

marked 1/4 on N. face

I marked stone D. R. on N.

face and around of stone
over it

44.84 Canyon course S - 1000

49.84 Summit of Mountain Top

74.84 Stream 5 ft wide
course S. - 800

79.84 To the corner to Tees. + 400

10-11-14 & 15. which

is a basalt stone 18 x 14

x 12 ins 14 ins in the

ground marked with

47 Boundary of Diminished Res
48
through of T. 1 North R. 34 E.
Willamette Meridian, Oregon.

(8093-10 M.)

4 notches on S. and 2
notches on E. edge
I marked stumps D R.
on N face, and around
of stumps around.

Land rough & mountain
Pine and fir timber
in canyons
Soil 3^d rate

Boundary of Deminished 49⁴⁸
Res through of T. 1 North R. 34 East
Willamette Meridian, Oregon.

Card on true line between
Tees 11 & 14

Var 20° 15' E.

ascend slightly.

- 1000 Summit of ridge course I
3520 Gulch course I. - 200
4000 Intersect the $\frac{1}{4}$ Tee corner
which is a basalt stone
12 + 12 + 10 ins 8 ins in
the ground marked $\frac{1}{4}$ & D. R.
on N face; and mound of
stone over it. 100
- 6075 Creek 5 lbs wide
course I 80° W. + 100
- 8000 Intersect the corner to
Tees 11-12-13 and 14
which is a post 4 ins
square firmly set in the
ground marked
T. 1 N R 34 E I 12 on NE
I. 11 on N.W.

49

50

Boundary of Deeded

Tract of T. 1 North R. 34 E
Willamette Meridian, Oregon.

(8093-10 M.)

T. 14 on T.W.

T. 13 on T.E. with 1 notch
on E. & 4 notches on T. edge
I marked D R on N. face

from which

a pin 20 ins down bears N 25°
W. 16 lbs dist marked T. 1 N
R 34 E T. 10 B.T.

a pin 24 ins down bears S 70°
E. 28 lbs dist marked T. 13 B.T.

a pin 6 ins down bears
N 53° E. 30 lbs. dist marked
T. 12 B.T.

I marked all Trees
D R

ground of stone around
post.

Land rough & Mountainous
Some timber on N. hillside
Soil rocky if it ruts

Boundary of Dammed

50
51

Res through of T. & N. R. 340
Willamette Meridian, Oregon.

12 & 13

East between Ties 12 & 13
on true line

Var 27° E.

- 1450 Gulch course N
- 31.50 " " " N.W. - 100
- 4000 Intersect 1/4 Tie course
which is a basalt stone
12 + 10 + 8 ins 8 ins in
the ground marked 1/4
on N face. I marked D.R.
on N. face from which
a pin 12 ins down bears
S 75° E. 15 lbs. dist. marked
1/4 T.B.T.
- a pin 16 ins down bears S 85°
W. 45 lbs. dist. marked 1/4
T.B.T.
- I marked Trees D.R.
- 4500 Summit + 100

52

Boundary of Dumish

through of T. 1 North R. 34 E

Willamette Meridian, Oregon.

(8093-10 M.)

8025 Intersect Township line
 at corner to Secs 12-13
 7 and 18 which is a basal
 stone 20 + 10 + 8 ins 15 ins
 in the ground marked with
 4 notches on S. and 2 notches
 on N edge I marked stone
 D R. on N. face
 and a mound of stone
 on long side.

Land rough & uneven
 some timber on N.
 hillsides soil rocky & stony

June 27th 1889

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FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by

James P. Plummer

....., 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

Boundary lines of the Diminished Umatilla Indian Reservation

..... Willamette Meridian, Oregon, showing the respective capacities in which they acted:

-, **Compassman.**
-, **Chainman.**
-, **Chainman.**
- J. R. Laramore*....., **Chainman.**
- T. W. Brown*....., **Chainman.**
- C. M. Stone*....., **Axeman.**
- R. E. Long*....., **Axeman.**
-, **Flagman.**

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted

James P. Plummer

....., U. S. Deputy Surveyor, in surveying all those parts or portions of the

Boundary lines of the Diminished Umatilla Indian Reservation

..... 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.**
- J. R. Laramore*....., **Chainman.**
- T. W. Brown*....., **Chainman.**
-, **Chainman.**
-, **Chainman.**
- C. M. Stone*....., **Axeman.**
- R. E. Long*....., **Axeman.**
-, **Flagman.**

Subscribed and sworn to before me, this *2nd* day of

July

188*9*

[SEAL.]

Thos Fitzgerald
Notary Public

FINAL OATH OF DEPUTY SURVEYOR.

I, James P. Plummer
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 19th

day of March 1889, 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 The Boundary lines of diminished Hematilla Reservation

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 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 provisions of an Act of Congress approved August 8, 1846.

James P. Plummer
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 2nd

day of July 1889

Thos F. J. Gerald
Notary Public

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Office U. S. Surveyor General,

Portland, Oregon, September 21 - 1889

The following ^{Surveying} ~~following~~ Field Notes of the Survey of the

Boundary Lines of the
Diminished Umatilla
Indian Reservation Oregon

executed by James J. Currier U.S.
Dept Surveyor

under his Contract No. 537, dated March

5th 1889, 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.