

FIELD NOTES

165

Of the survey of the

Exterior

Lines of

*the diminished Umatilla
Reservation*

Willamette Meridian,

Oregon, as surveyed by

*Jas. G. Carrin &
Geo. E. Poland*

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

dated

May 4th 188*8* *1887* ✓

Survey commenced,

Oct 24th

188*7*

Survey completed,

November 4th

188*7*

NAMES AND DUTIES OF ASSISTANTS,

<i>L. J. Woolley</i>	, Compassman.
<i>E. L. Perry</i>	, Chainman.
<i>Guy Davis</i>	, Chainman.
<i>J. R. Hadley</i>	, Chainman.
<i>C. L. Raper</i>	, Chainman.
<i>C. Moore</i>	, Axeman.
<i>J. W. Gordon</i>	, Axeman.
	, Flagman.

PRELIMINARY OATHS OF ASSISTANTS.

We, _____

G. S. Perry, Guy Davis, J. R. Madley, C. Kaper

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 _____

Exterior

lines of _____

Diminished

Reservation

Willamette Meridian, Oregon.

G. S. Perry

Chainman.

Guy Davis

Chainman.

J. R. Madley

Chainman.

C. Kaper

Chainman.

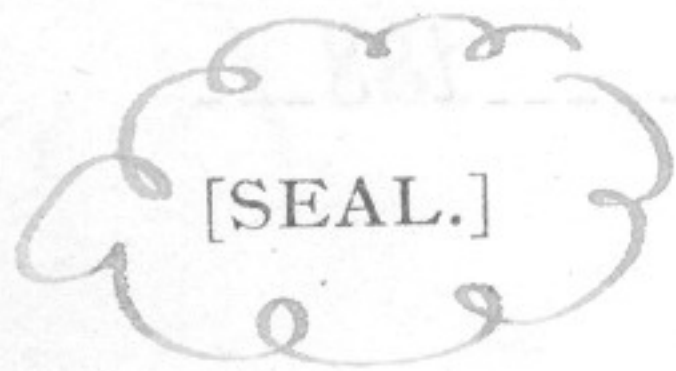
Subscribed and sworn to before me, this _____

Twenty fourth

day of _____

October

1887



[SEAL.]

James E. Holand

U.S. Dept. Surveyor

We, _____

C. Moses, J. H. Stenison

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 _____

Exterior lines of

the Diminished Reservation

Willamette Meridian, Oregon.

C. Moses

Axeman.

J. H. Stenison

Axeman.

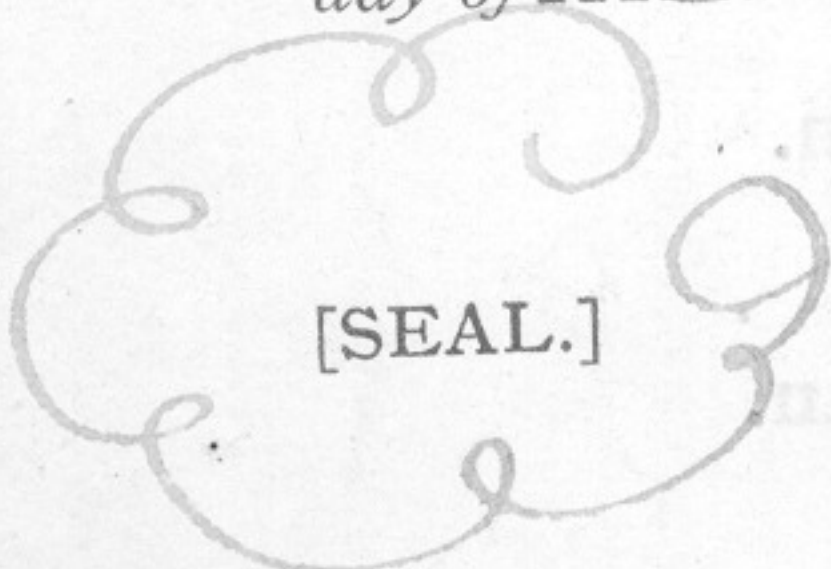
Subscribed and sworn to before me, this _____

Twenty fourth

day of _____

October

1887



[SEAL.]

James E. Holand

U.S. Dept. Surveyor

R33E

R34E *Index*

R35E

R36E

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T4N

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T4N

T3N

T3N

T2N

T2N

T1N

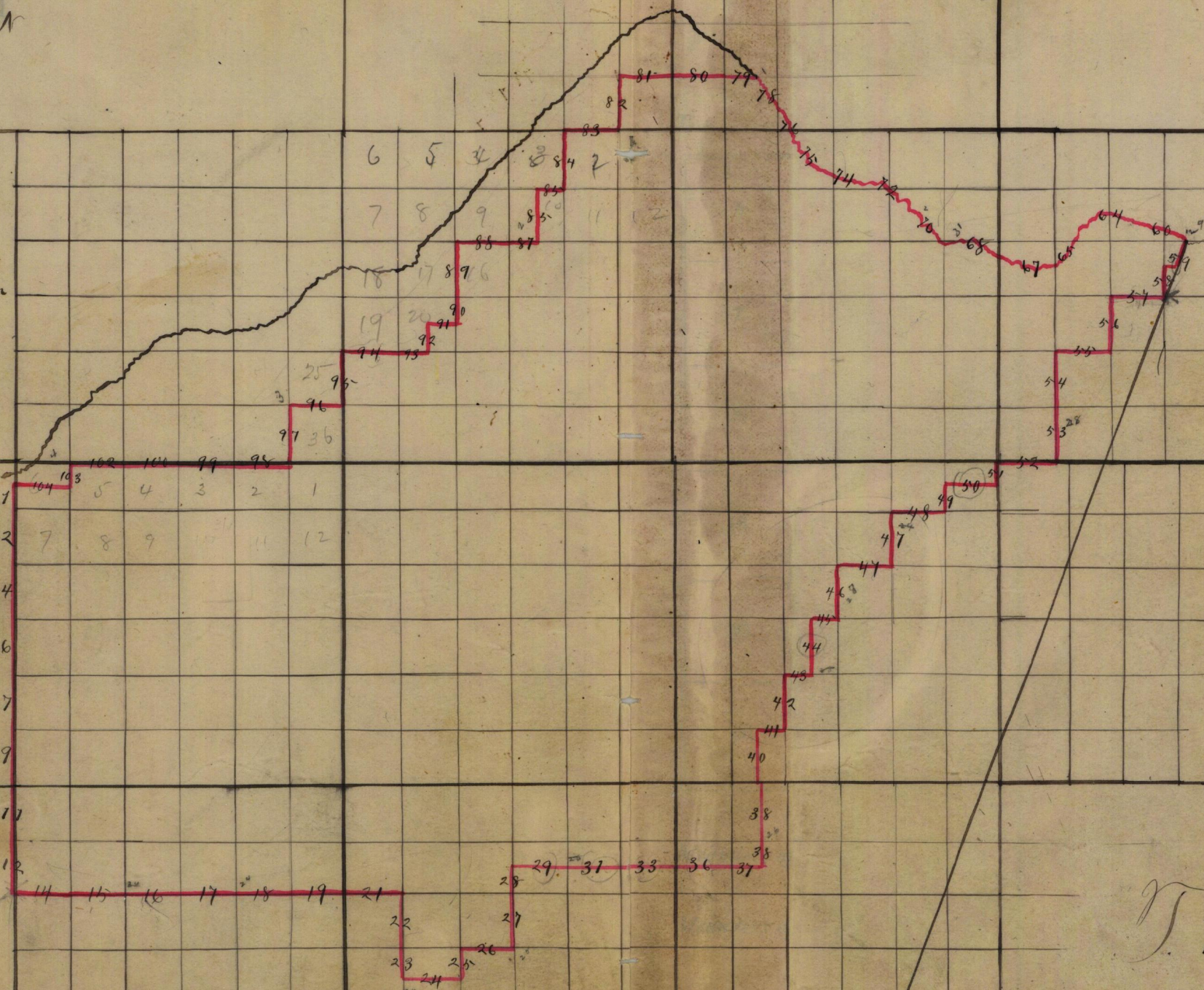
T1N

R33E

R34E

R35E

R36E



Interior of T. Diminished R. Reservation
Willamette Meridian, Oregon.

Thence N 88° 55' East retracing
line bet. sec 7th & 18th T. 7 N. R. 34 E.
Va 2 1/4° East.

4330 1/4 Sec. cor. Stone mound of earth, +300
with pits which I mark O.R. on
N face
Descend

7400 Canon course N - 150

8330 Cor to Sec 7, 8, 17th & 18th a basalt
stone in stone mound and marked
same O.R. on N.E. face
Land High and mountainous 40 yds
Soil 2nd rate

Good bunch grass
Some fine timber consisting
of Pine and fir.

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Interior of T. Diminished R. Reservation
Willamette Meridian, Oregon.

(8093-10 M.)

Thence South retracing
line bet sees. 17th and 18th
Va 18°45' East
Gradually descend
3200 Canyon bears N. 60° E. - 50
4000 1/4 sec, cor. a basalt stone
set firmly in the ground
which I marked Q. R. on
E. face. from which
A pine 30 ins diam bears N 40° E
97 lks dist which I marked Q. R. B.T.
A pine 20 ins diam bears S. 20° W.
84 lks dist, which I marked Q. R. B.T.
6400 Head of draw - 25
8000 Cor to sees. 17, 18, 19th and 20 a
post 48x4x4 ins set firmly in
the ground and marked same
Q. R. on N. E. face, from which
A pine 20 ins diam bears N 45° E.
50 lks dist which I marked Q. R. B.T.
A pine 24 ins diam, bears S. 5° E.

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Exterior of T. Quinnish R. Reservation
Willamette Meridian, Oregon.

57 lks dist which I marked Q.R. B.P.
 A pine 10 ins diam bears S 32° W.
 150 lks. dist which I marked Q.R. B.P.
 A pine 24 ins diam bears N. 10° W.
 83 lks. dist which I marked Q.R. B.P.
 Land mostly high red level or
 table land. Soil 2nd rate
 Some timber. Pine
 Good grass.

Thence South on true line
 retracing line bet. sec 19 and 20
 Va 19° 40' East

- 3000 Ravine bears E — 50
- 3200 Wagon road bears N
- 4000 1/4 sec. cor. a post 36x3x3 ins set
 firmly in the ground which I
 marked Q.R. on E face from which
 A pine 18 ins diam bears S 55° W
 15 lks dist which I marked Q.R. B.P.

Exterior of T. Diminished R. Reservation
Willamette Meridian, Oregon.

(8093-10 M.)

10 pine 10 in diam bears S 82° E 63
lks dist. which I mark S. R. B.V.
Land high rolling Heavy Pine Timber
40. lbs Soil 1st rate

Thence East on random through
Center of sec 20
Va, 20° East

4000 Set temporary 1/4 sec. cor. Bid at
8050 Intersect E. bdy. 41 lks S of 1/4 sec
cor. Thence S 89° 42' W. on true line
Ascend

1500 Summit of ridge + 200
4000 Canon - 250

4025 Set basalt stone 24 x 18 x 10 ins 16 ins
in the ground for 1/4 sec. cor. marked
1/4 S. R. on N. face raised
mound of stone 1 1/2 ft high 3 1/2 ft
base over it

5150 Canon bears S. - 200
8050 To point of beginning

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Interior of T. Diminished R. Reservation
Willamette Meridian, Oregon.

(8093-10 M.)

A pine 20 ins diam bears S 20° W 60
lks. dist, which I marked Q. R. B.S.
A pine 20 ins, diam, bears N 55° W, 56
lks. dist, which I marked Q. R. B.S.
Land badly broken, mountainous
40 chz. Soil poor.

Thence N 89° 41' E retracing
line bet. sees 16 and 21
Va 19° 25' East,

1950 Gulch course N. -50

3955 1/4 sec. cor, a basalt stone set
firmly in the ground which
I marked Q R on N face
from which

A pine 18 ins diam, bears S 40° E 30
lks. dist, which I marked Q. R. B.S.

A pine 16 ins diam. bears N 10° W,
100 lks dist which I marked Q. R. B.S.

5785 Top of hill. +100

Exterior of T. Quinnahed R. Reservation
 Willamette Meridian, Oregon.

(11 01-200)

7890	Gulch course N.E.	20
7970	Cor To sec. 15, 16, 21 nd & 22 a basalt stone in mound of stone which I mark Q.R. on N. face Land ^{rolling} Soil grade rocky Scattering pine timber Oct-25-1887	

Thence North retracing
 line bet sec 15th & 16

Da 1925 East

2400	Top of ridge bears Q. & H. + 600 Descend	
3060	Canon bears Q.	400
4000	1/4 sec. cor. a basalt stone in mound of stone which I marked Q.R. on N. face	
4300	Top of ridge East Descend	+ 400

Interior of T. Diminished R. Reservation
Willamette Meridian, Oregon.

(8093-10 M.)

7180 McRay Cut 10 ft wide
runs S. H.

Ascend

8000 Cor. to sees 9, 10, 15 and 16 a
Basalt stone in mound
of stone which I marked
Q.R. on N. H. face
Land rough, mountainous
80 ch. Soil good rate rocky.
Timber pine and fir in canon.

Thence North retracing
line bet sees 9 and 10

to 2 1/2' East

1000 Canon course S. H. - 40

4000 1/4 sec. cor. a post 36 x 3 x 3 ins
set firmly in the ground which
I marked Q.R. on N. H. face
from which
a pine 18 ins diam. bears S. 73° N.

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Exterior of T. Diminished R. Reservation
Willamette Meridian, Oregon.

78 lbs dist which I marked D/B. BT
 A pine 18 ins diam bears N. 54° E.
 66 lbs dist which I marked D/B. BT
 Land mountainous 4000 ch
 Heavily timbered with pine & fir
 Soil grad rate rocky
 Good grass

Thence East on random
 through center of sec 10
 Va 19 1/2° East

4000 Set temporary 1/4 sec. cor.
 and at

8000 Intersect Q. bdy 27 lbs N.
 of 1/4 sec. cor. bet sees 10 and 11
 Thence N. 89° 48' West
 on true line

Va 23 1/4° East

5500 Canon bears S. S. 400
 Ascend.

Interior of T. Diminished Reservation
Willamette Meridian, Oregon.

(8093-10 M.)

1500	Summit	+300
2050	Head of canon bears S.E.	-100
	Ascend	
3250	Summit	+400
4000	Set post 4 ft long 4 ins square 2 1/2 ins in the ground for 1/4 sec. cor. marked 1/4 S. Q. R. on N. face from which a pine 36 ins diam bears S.E. 30 kts. dist. which I marked Q. R. 135 A pine 10 in diam bears N.W. 115 kts. dist. which I marked Q. R. 135. Descend	
5500	Canon at foot of ridge bears S.	-300
6600	Canon bears S.	-200
8000	To 1/4 sec. cor. and point of beginning sand rough and mountainous 80 ch. Splendid Timber in S. W. cross sec. Soil 3 rd rate x	

Exterior of T. Unimished Reservation
Willamette Meridian, Oregon.

Beginning at 1/4 sec. cor.
betw sec 10 and 11 which
is a Basalt stone on Summit
of ridge in mound of stone
which I marked Q.R. on N face
Thence East on random
through center of sec 11
to 2 3/4 East

4000 Set temporary 1/4 sec. cor.
and at

8000 Intersect E. bddy 35 lbs S. of
1/4 sec. cor. betw sec 11 and 12
Thence S 89° 45' W. on
true line

Descend

1125 Canon course N. W. -400
ascend

1500 Small summit N.W. +50

2800 Hollow, bears N.W. -50

4000 Set basalt stone 14x12x10
into pins in the ground

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202

Exterior of T. Diminished R. Reservation
Willamette Meridian, Oregon.

(8093-10 M.)

for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ sec. Q. R. on N face
 and raised mound of
 stone $1\frac{1}{2}$ ft high $3\frac{1}{2}$
 ft base over it.
 Ascend
 4500 Summit of ridge bar N. +600
 Descend
 7200 Canon S. W. -300
 Ascend
 8000 To $\frac{1}{4}$ sec cor and point of
 beginning
 Land very rough and
 mountainous 8000 ch
 Soil generally poor
 Scattering pine timber in
 canons Grass food

Exterior of T. Unimished R. Reservation
Willamette Meridian, Oregon.

Commencing at $\frac{1}{4}$ sec. cor
bet sees 11 and 12 which
is a basalt stone in
a mound of stone which
I marked. Q. R. on N. face
Thence I run East on
random through center
of see 12

4000
8015
Ira $24\frac{1}{4}^{\circ}$ East
Set temporary $\frac{1}{4}$ sec. cor. Red at
Intersect E. bay of township
35 ths S. of $\frac{1}{4}$ sec. cor. bet
sees 7 and 12 Tps. 1 North
Ranges 34 and 35 East.
Thence S $89^{\circ} 45'$ West on
true line

Descend steep mountain
side

3500 Canon bears S. H.
Ascend 250

Exterior of T. Diminished R. Reservation
Willamette Meridian, Oregon.

(8093-10 M.)

4007 Set basalt stone
24 x 12 x 10 ins 18 ins in
the ground for $\frac{1}{4}$ sec.
cor marked $\frac{1}{4}$ S. R.
on N. face, and
raised mound of
stone $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it

6000 Small ravine bear S. 20

8015 To $\frac{1}{4}$ sec. cor. bet. sec.
11 and 12. And place of
beginning

Land rolling & rough
Soil 1st stratum top
of table land poor in
layers

Good bunch grass
but no water x

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by James P. Carrin
and James C. Roland, 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 Exterior
Umatilla Reservation lines of the Diminished
Willamette Meridian, Oregon,
 showing the respective capacities in which they acted:

- L. J. Woolley -----, **Compassman.**
- E. G. Perry -----, **Chainman.**
- Guy Davis -----, **Chainman.**
- J. R. Hadley -----, **Chainman.**
- C. Raper -----, **Chainman.**
- H. Moses -----, **Axeman.**
- J. H. Henderson -----, **Axeman.**
- , **Flagman.**

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted James P. Carrin and
James C. Roland, U. S. Deputy Surveyor, in surveying all
 those parts or portions of the Exterior
lines of the Diminished
Umatilla 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.

- L. J. Woolley -----, **Compassman.**
- E. G. Perry -----, **Chainman.**
- Guy Davis -----, **Chainman.**
- J. R. Hadley -----, **Chainman.**
- C. Raper -----, **Chainman.**
- H. Moses -----, **Axeman.**
- J. H. Henderson -----, **Axeman.**
- , **Flagman.**

Subscribed and sworn to before me, this fourth day of
November 1887

[SEAL.] James C. Roland
U. S. Deputy Surveyor

FINAL OATH OF DEPUTY SURVEYORS

We James P. Currier and James E. Holand
United States Deputy Surveyors, do solemnly swear that in pursuance of

instructions received from Douglas H. Taylor

U. S. Surveyor General for Oregon, bearing date of the 20th

day of August 1888, 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 the Exterior bdy. of the Diminished 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. Currier, James E. Holand
U. S. Deputy Surveyors

Subscribed and sworn to before me, this 23rd

day of February 1888

Allen Woodcock
Notary Public
for Oregon



Office U. S. Surveyor General,

Portland, Oregon, October 6th - 1888The ~~following~~ ^{foregoing} Field Notes of the Survey of the _____of the Boundary Lines
of the Diminished __________ Unatilla Indian
Reservation Oregon
executed by James P. Curran and James O. Nolan
Special U. S. Dept. Surveyors.
under his Contract No. _____, dated May 4_____ 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.