

SUBDIVISIONS

No. 1

T. 24. N. R. 9. E.

JACOBS

No. 491

BOOK 491

4-671

491

FIELD NOTES
GENERAL LAND OFFICE.

No. 491

BOOK 491

Field Notes
of the survey of the
Subdivisional Lines
of
Township 24, North
Range 9, East
of the
Gila and Salt River
Base and Meridian
in the
Territory of Arizona
as surveyed by
Francis B. Jacobs,
U.S. Deputy Surveyor
under his
Contract No 96
Dated June 30th 1902

Survey commenced October 30th 1902

Survey completed October 22nd 1902

SUBDIVISION OF

Names and duties of Assistants

Sylvester Laflin Chairman
 John Crawford Chairman
 John Williams Axeman
 Joseph Black Axeman
 Harry W. Havens Flagman

BOOK 491 and BOOK 490
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2A

Preliminary Oaths of Assistants.

We, *Sylvester Saffin*

and *John Crawford*

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain upon 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 lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the *Subdivision*

lines of Tps. 27 and 25

N. R. 9 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Sylvester Saffin Chainman.

John Crawford Chainman.

..... Chainman.

..... Chginman.

Sworn and subscribed before me, this *1st*

day of *October*

190 *2*

Francis Jacobs

Notary Public.

my commission expires march 2^d 1904

(SEAL)

We Harry M. Havens

John Williams and Joseph Black

do solemnly swear that we will well and truly perform the

duties of Flagman and

Axemen respectively

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 Subdivision

lines of Tps 24 and 25
N - R 9 E

of the Gila and Salt River Base and Meridian, in the Ter-
ritory of Arizona.

Harry M. Havens.. Flagman.
John Williams Axeman.
Joseph Black .. Axeman.
..... Axeman.

Subscribed and sworn to before me this 1st

day of October .. 1907

Francis Jacobs

Notary Public.

My Commission expires March 7th 1908

T. 24. N.

R. 9. E.

Funeral Oaths with Subs. of
Sp. 25 N., R. 9 E.

Chms Survey commenced October 3rd
1902, and executed with a Gurley
light mountain transit N^o
with Burt's Solar attachment
The horizontal limb is provided
with two double Verniers, placed
opposite to each other, reading to
single minutes of arc, which is also
the least count of the Verniers of
the latitude and declination arcs.
The instrument was examined,
tested on the true meridian at
Tucson, Arizona, found
correct, and was approved by the
Surveyor General for Arizona,
January 7th 1902

I examine the adjustments and
correct the level and collimation
errors; then, to test the solar
apparatus, by comparing its

T. 24. N.

R. 9. E.

Thus indications resulting from solar observations made during A.M., and p.m. hours with the true meridian determined by observations on Polaris, I proceed as follows:

At my camp, near the cor. 13, 14, 23 and 24, T. 24. N. R. 9. E., latitude $35^{\circ} 25' 24'' N$ longitude $111^{\circ} 12' 47'' W$, I set off $35^{\circ} 26'$ ^{as determined by my instrument} N on the lat. arc, $3^{\circ} 54'$ S on the decl. arc; and at $4^{\text{h}} 0^{\text{m}}$ P.M., l.m.t., determined with the solar a true meridian and mark a point thereof on a stone firmly set in the ground five chns north of my station

At $6^{\text{h}} 42^{\text{m}}$ P.M., by my watch, which is correct l.m.t., I observe Polaris at Eastern elongation, in accordance with the Manual of Instructions and mark a point

SUBDIVISION OF

Chns

I commence at the cor. of Secs
1, 2, 35 and 36, on the S. bdy
of the Tp, which I established
~~previously~~
of

Thence I run

N. $0^{\circ} 1' W.$, bet. Secs 35 and 36

Over rolling land

34.35

Road bears N. $25^{\circ} E$ and S $25^{\circ} W$

40.00

Set a Malpai stone, 18 x 8 x 5
ins., 12 ins. in the ground, for $\frac{1}{4}$
sec. cor., marked $\frac{1}{4}$ on W.

face, from which

A Cedar, 5 ins. in diam., bears

N. $29^{\circ} E.$, ^{70°} ~~13~~ ⁶ lks dist., marked

$\frac{1}{4}$ S. 36. B.T.

A cedar, 6 ins. in diam., bears

N. $89^{\circ} W.$, ^{79 1/2°} ~~35~~ ^{37.} lks dist., marked

T. 24. N. R. 9. E.

Chns

1/4 S. 35. B.T.

80.00

Set a Malpai Stone, 20 x 10 x 6 ins.,
15 ins. in the ground, for cor. of
secs. 25, 26, 35 and 36, marked
with 1 notch on the S. and E.
edges, from which

A cedar, 10 ins. in diam., bears N.
^{51 1/2°}
49° E., 200 lks dist., marked

T. 24. N. R. 9. E. S. 25. B.T.

A cedar, 10 ins. in diam., bears S.
^{23 1/2°}
26° E., 158 lks dist., marked

T. 24. N. R. 9. E. S. 36. B.T.

A pine, 8 ins. in diam., bears S.
^{50°}
46 1/4° W., 162 lks dist., marked

T. 24. N. R. 9. E. S. 35. B.T.

A cedar, 10 ins. in diam., bears N.
^{29°}
34° W., 91 lks dist., marked

T. 24. N. R. 9. E. S. 26. B.T.

Land, mountainous

Soil, 4" rate

SUBDIVISION OF

Chns Timber, Cedar and pine
 Mountainous and heavily
 timbered land 80,00 chns.

East on a random line
 bet. Secs 25 and 36

40.00 Set a temp. $\frac{1}{4}$ sec. cor
 79.75 Intersect E. bdy of Sp. 17 lks S.
 of cor. of Secs. 25, 30, 31 and 36
 Thence I run
 S. $89^{\circ} 53'$ W. on a true line
 bet Secs 25 and 36

Over rolling land
 Through dense Cedars
 Ascend

39.87¹⁰ Set a Malpai Stone, 30 x 12 x 8
 ins., 21 ins in the ground, for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on

T. 24. N.

R. 9. E.

Chns N. face, from which
 A cedar, 6 ins. in diam., bears N.
 18 1/4° E., 83 lbs disk., marked
 1/4 S. 25. B.T.

A cedar, 7 ins in diam., bears S.
 20 1/4° E., 60 lbs disk., marked
 1/4 S. 36. B.T.

51.40 from Flagstaff to Heisen's Well.
 Road, bears N. 20° E and S 20° W

68.00 Descend

79.75 The cor. of secs. 25, 26, 35 and 36

Land, rolling

Soil, 4" rate

Timber, Cedar

Mountainous and heavily

timbered land

79.75 chns

SUBDIVISION OF

- Chms N. $0^{\circ} 1'$ W., bet Secs. 25 and 26
 Over mountainous land
 Through heavy Cedars
 Ascend
- 14.00 Top of rocky Ridge
- 34.00 Descend
- 40.00 Set a Malpai stone, $18 \times 10 \times 8$
 ins., 12 ins in the ground, for
 $\frac{1}{4}$ Sec. cor., marked $\frac{1}{4}$ on
 W. face, from which
 A cedar, 6 ins. in diam., bears
 S. 84° E., 30 lks dist., marked
 $\frac{1}{4}$ S. 25. B.T.
 A cedar, 5 ins. in diam., bears N.
 17° W., 8 lks dist., marked
 $\frac{1}{4}$ S. 26. B.T.
- 47.00 Gulch, 50 lks wide, Course N.E.
 Ascend
- 76.50 Face of rocky Ridge, slopes E.
 Descend

T. 24. N.

R. 9. E

Chms

80.00

Set a Malpai Stone, 24 x 14 x 8 ins., 18 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked with 2 notches on the S. ^{edges} and 1 notch on the E. ^{faces} from which

A cedar, 14 ins. in diam., bears S. 41° ^{N.} E., 199 lks dist., marked

11 H S. ~~25~~ ²⁶ B.T., *no others in limits*

Dug pits, 18 x 18 x 12 ins., in each sec, 5 1/2 ft dist., and raised a mound of earth, 4 ft base, 2 ft. high, W. of cor.

Land, mountainous

Soil, 4" rate

Timber, Cedar

Mountainous and heavily

timbered land 80.00 Chms

October 4th 1902

SUBDIVISION OF

- Chms N. $89^{\circ}53'$ E. on a random line
bet. Secs 24 and 25
- 40.00 Set a temp $\frac{1}{4}$ Sec. cor.
- 79.83 Intersect E. bdy of Tp, 5 lks
S. of cor. of secs. 19, 24, 25 and 30
Thence I run
S. $89^{\circ}51'$ W. on a true line
bet. Secs 24 and 25
- Over broken ground
Through dense cedars
Ascend
- 2.00 Top of flat Ridge, bears N. E.
and S. W.
Descend
- 39.91 $\frac{1}{2}$ Set a Malpai stone, 18 x 10 x 6
ins., 12 ins in the ground, for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
N. face, from which
A Cedar, 8 ins. in diam., bears
S. 45° ^{N.} E. 57 lks dist, marked

T. 24 N. R. 9. E.

Chns $1/4$ S. ~~24~~²⁶ B.T.A cedar, 8 ins. in diam., bears
~~N 45° W.~~
~~S 45° E.~~, 23 lks dist., marked $1/4$ S. ~~25~~²⁴ B.T.

45.00 Ascend

60.00 Descend

68.00 Draw, 1 ch. wide, course N. E.

Ascend black Cinder ridge

79.83 The cor of Secs. 23, 24, 25 and 26

Land, mountainous

Soil, 4" rate

Timber, Cedar

Mountainous and heavily

timbered land 79.83 chns.

N. 0° 1' W, bet Secs. 23 and 24

Over broken land

Through Cedar Timber

Descend

SUBDIVISION OF

Chms

- 3.08 Ascend
- 10.00 Rocky Ridge bears E and W.
Descend
- 18.00 Ascend
- 30.00 Ridge bears E. and W.
Descend
- 37.50 Ascend
- 40.00 Set a Malpai Stone, 24 x 10 x 5
ins., 18 ins in the ground, for
1/4 Sec. cor., marked 1/4 on
W. face, from which
A cedar, 8 ins. in diam., bears
N. 54 1/2° E., 216 lks dist., marked
1/4 S. 24. B.T.
A pine, 4 ins. in diam., bears
S. 56 3/4° W., 121 lks dist., marked
1/4 S. 23. B.T.
- 50.00 Ridge bears E. and W.
Descend

T. 24. N. R. 9 E.

Chms

62.00 Descend steep hill

78.00 Bottom

80.00 Set a Maepai stone, 18x10x8 ins., 17 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked with 3 notches on S., and 1 notch on E. edges, from which

A cedar, 5 ins. in diam., bears N. $75^{\circ} 14' E.$, 118 lks dist., marked T. 24. N. R. 9. E. S. 13. B. T.

A cedar, 8 ins. in diam., bears S. $72^{\circ} 14' E.$, 240 lks dist., marked T. 24. N. R. 9. E. S. 24 B T

Dug pits, 18x18x12 ins. in each sec., 5 1/2 ft dist., and raised a mound of earth, 4 ft base, 2 ft high, W. of cor., No other in limits
Land, mountainous

SUBDIVISION OF

Chns
 Soil, 4" rate
 Timber, Cedar
 Mountains and heavily
 timbered land 8000 chns

N. $89^{\circ} 51' 6''$ E. on a random line
 bet. Secs. 13 and 24

40.00 Set a temp $\frac{1}{4}$ sec. cor.
 79.84 Intersect E. body of Tp. 3 lks N.
 of cor of Secs. 13, 18, 19 and 24
 Thence Run

S. $89^{\circ} 52'$ W. on a true line
 bet. Secs 13 and 24

Over mountainous land
 Through cedars
 Ascend

39.92 Set a Malpai Stone, $16 \times 10 \times 5$ ins.
 11 ins. in the ground, for $\frac{1}{4}$
 Sec. cor., marked $\frac{1}{4}$ on N.

T. 24. N. R. 9. E.

- Chns
 face, from which
 A cedar, 5 ins. in diam., bears
 S. ~~29~~^{34 1/2}° W., 204 lks. dist., marked
 1/4 S. 24. B.T.
- A cedar, 4 ins in diam., bears N.
 53 1/4° ~~99~~¹⁰² W., ~~99~~ lks dist., marked
 1/4 S. 13. B.T.
- 50.00 Ridge bears S.E., and N.W.
 Old ruins on line
 Descend
- 79.84 Bottom of Draw, and cor. of Secs
 13, 14, 23 and 24
 Land, mountainous
 Soil, 4° rate
 Timber, cedar
 Mountainous land heavily
 timbered land. 79.84 chns

Chns Soil, 4" rate
 Timber, Cedar
 Mountainous and heavily
 timbered land 8000 chns

N. $89^{\circ} 51' E.$ on a random line
 bet. Secs. 13 and 24

110.00 Set a temp $\frac{1}{4}$ sec. cor.
 79.84 Intersect E. bdy of Tp. 3 lks N.
 of cor of Secs. 13, 18, 19 and 24
 Thence I run

S. $89^{\circ} 52' W.$ on a true line
 bet. Secs 13 and 24

Over mountainous land
 Through cedars
 Ascend

39.92 Set a Malpai Stone, $16 \times 10 \times 5$ ins.
 11 ins. in the ground, for $\frac{1}{4}$
 Sec. cor., marked $\frac{1}{4}$ on N.

T. 24. N. R. 9. E.

- Chns face, from which
 A cedar, 5 ins. in diam., bears
 S. ~~29~~^{34 1/2}° W., 204 lks. dist., marked
 1/4 S. 24. B.T.
- A cedar, 4 ins in diam., bears N.
 53 1/4° ~~97~~¹⁰² W., 97 lks dist., marked
 1/4 S. 13. B.T.
- 5000 Ridge bears S.E., and N.W.
 Old ruins on line
 Descend
- 79.84 Bottom of Draw, and cor. of Secs
 13, 14, 23 and 24
 Land, mountainous
 Soil, 4° rate
 Timber, Cedar
 Mountainous land heavily
 timbered land. 79.84 chns

SUBDIVISION OF

- Chms / N. $0^{\circ} 1' W$, bet. Secs. 13 and 14
 Over broken land
 Through dense cedars
 5.00 Ascend
 13.00 Ridge bears N. E. and S. W
 Descend
 21.00 Bottom
 30.00 Ridge bears N. E. and S. W
 Descend
 37.00 Ascend
 40.00 Set a Malpai stone, $15 \times 24 \times 18$
 ins. 10 ins. in the ground, for $\frac{1}{4}$
 Sec. cor., marked $\frac{1}{4}$ on W.
 face, from which
 A cedar, 5 ins. in diam., bears N.
 $43\frac{1}{4}^{\circ} E$, 117 lks dist., marked
 $\frac{1}{4}$ S. 13. B.T.
 A cedar, 5 ins. in diam., bears N.
 $58\frac{1}{2}^{\circ} N$, 130 lks dist., marked
 $\frac{1}{4}$ S. 14. B.T.

T. 24. N. R. 9. E.

Chms

41.00
68.00
80.00

Top of ascent
 Draw course East,
 Set a Malpai Stone, 16 x 12 x 8 ins.,
 11 ins in the ground, for cor. of
 Secs. 11, 12, 13 and 14, marked
 with 4 notches on S., and 1
 notch on E. ^{edges} ~~faces~~ from which
 A cedar, 12 ins in diam., bears
 N. $62\frac{1}{4}^{\circ}$ E., 251 lks dist., marked
 T. 24. N. R. 9. E. S. 12. B.T.,
 A cedar, 5 ins. in diam., bears
 S. 22° E., 21 lks dist., marked
 T. 24. N. R. 9. E. S. 13. B.T.,
 A cedar, 6 ins. in diam., bears S.
 $31\frac{1}{2}^{\circ}$ W., 88 lks dist., marked
 T. 24. N. R. 9. E. S. 14. B.T.,
 A cedar, 8 ins in diam., bears N.
 13° W., 124 lks dist., marked
 T. 24. N. R. 9. E. S. 11. B.T.
 Land, mountainous

Chris

Soil, 4" rate

Timber, Cedar

Mountains and heavily
timbered land 80.00 ChrisOct. 6th 1902N. $89^{\circ} 52' E$, on a random line

bet. Secs 12 and 13

40.00

Set a temp. $\frac{1}{4}$ sec. cor

79.90

Intersect E. bdy of Tp. at the

cor. of secs. 7, 12, 13 and 18

Thence I run

S. $89^{\circ} 52' W$ on a true line

bet Secs. 12 and 13.

Through dense cedars

ascending

39.95

Set a Maepai Stone, 18 x 10 x 5 ins.,

12 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on N. face,

T. 24. N. R. 9. E.

Chns

from which

N cedar, 8 ins in diam., bears

S. 14° W., 28 lks dist., marked

1/4 S. 13. B.T.

N cedar, 8 ins in diam., bears

N. 58° W., 86 lks dist., marked

1/4 S. 12. B.T.

43.00
60.00
79.90

Draw, course N. E.

The cor. of secs. 11, 12, 13 and 14

land, mountainous

Soil, 4" rate

Timber, Cedar

Mountainous and heavily
timbered land 79.90 chns

N. 0° 1' W., bet secs 11 and 12

Over mountainous land

Through dense cedars

5.00 Ascend steep Cinder Ridge

19.25 Top of Ridge bears N.E. and S.W.

Chms

73.20

West base of rock butte, 30 ft. high

10.00

Set a Maepai stone, 20 x 12 x 10. ins., 15 ins. in the ground, for $\frac{1}{4}$ Sec. cor., marked $\frac{1}{4}$ on ~~W~~ face, from which

A cedar, 6 ins. in diam., bears N. $68\frac{3}{4}^{\circ}$ E., 37 lks dist., marked $\frac{1}{4}$ S. 12. B.T.

A cedar, 10 ins. in diam., bears S. $40\frac{3}{4}^{\circ}$ N., 147 lks dist., marked $\frac{1}{4}$ S. 11. B.T.

80.00

Set a Maepai stone, 18 x 8 x 6 ins., 12 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} face, from which

A cedar, 6 ins. in diam., bears N. $34\frac{1}{2}^{\circ}$ E., 15 lks dist., marked T. 24. N. R. 9. E. S. 1. B.T.

T. 24. N. R. 9. E.

Chns
 A cedar, 6 ins. in diam., bears S.
 $60\frac{1}{2}^{\circ}$ E., 81 lks dist., marked
 T. 24. N. R. 9. E. S. 12. B.T.
 A cedar, 5 ins. in diam., bears S.
 $29\frac{1}{2}^{\circ}$ W., 46 lks dist., marked
 T. 24. N. R. 9. E. S. 11. B.T.
 A cedar, 6 ins. in diam., bears N.
 72° W., 53 lks dist., marked
 T. 24. N. R. 9. E. S. 2. B.T.
 Land, mountainous
 Soil, 4" pate
 Timber, Cedar
 Mountainous and heavily
 timbered land 80.00 chns

N. $89^{\circ}52'$ E., on a random line
 bet. Secs 1 and 12

40.00 Set a temp $\frac{1}{4}$ sec. cor.

79.96 Interest E. bdy of Tp. 5 lks S.

BOOK 491

SUBDIVISION OF

- Chns of cor of secs. 1, 6, 7 and 12
 Thence I run
 S. 89° 50' W.
 bet Secs. 1 and 12 on true line
- Over cinders
 Through dense undergrowth
 Ascend steep cinder hill
- 34.00
 39.98 Set a Malpai Stone, 24 x 15 x 8 ins.,
 18 ins. in the ground, for 1/4 Sec.
 cor., marked 1/4 on N. face, dig
 pits, 18 x 18 x 12 ins, E. and W. of
 stone, 3 ft dist., and raise a mound
 of earth, 3 1/2 ft. base, 1 1/2 ft. high, N.
 of cor.
- † 52.00 Top of Ridge bears N. and S.
- 79.96 The cor. of secs. 1, 2, 11 and 12
 land, mountainous
 Soil, 4" rate
 Timber, Cedar
 Mountainous land and

T. 24. N. R. 9. E.

Chms dense undergrowth 7996 chms.

N. 0° 1 West

bet secs 1 and 2

Over rolling land

Through dense cedars

38.00 Descend

40.00 Set a Volcanic stone, 24 x 12 x 8 ins.

18 ins. in the ground, for 1/4 sec.

cor., marked 1/4 on N. face, from
which

A cedar, 6 ins. in diam., bears S.

14 1/2° E., 45 lks dist., marked

1/4 S. 1. B.T.

A cedar, 4 ins. in diam., bears N.

38 3/4 W., 88 lks dist., marked

1/4 S. 2. B.T.

42.00 Ascend rock mound

Chms

42.75

Top of mound, 25 ft high; ruins of old rock walls
Descend

51.00

Bottom

60.78

Ascend along E. slope of Ridge
Intersect 6th Standard, 10.86 chms
E. of 1/4 cor. S. bdy sec. 35,
Set a Maepai stone, 30 x 10 x 6 ins.,
22 ins. in the ground, for cor. of
secs. 1 and 2, marked C C on
S, with 1 groove on E, and 5 grooves on W.
faces, from which
A cedar, 10 ins. in diam., bears S. $76^{\circ}\frac{3}{4}$
E., 437 lts dist., marked
T. 24. N. R. 9. E. S. 1. B. T. No other near.
Dig pits, 24 x 18 x 12 ins., crosswise
on each line E and W, 3 ft. and
S of stone, 7 ft dist., and raised
a mound of earth, 4 ft. base, 2 ft high S of cor.
Land, rolling

T. 24. N.

R. 9. E.

Chns

Soil. 4" pale

Timber, Cedar

Mountainous and heavily
timbered land. 60.78 chnsOctober 7th 1902

From the cor of secs 2, 3, 34
and 35, on the S. bdy of the Twp,
previously set by me

Drun

N. 0° 1' W., bet. Secs 34 and 35

Over rolling land

Through dense cedars and pine

31.00 Descend steep bank

33.50 Bottom

Ascend

40.00 Set a Malpai stone, 16x12x6 ins.,
11 in. in the ground for 1/4 sec.
cor., marked 1/4 on W. face,

SUBDIVISION OF

- Chms from which
 A pine, 24 ins. in diam., bears S.
 35° E., 69 lks dist., marked
 $\frac{1}{4}$ S. 35. B.T.
- A pine, 36 ins in diam., bears N.
 $85\frac{1}{2}^{\circ}$ W., 186 lks. dist., marked
 $\frac{1}{4}$ S. 34. B.T.
- 80.00 Set a Malpai stone, $18 \times 10 \times 5$ ins.,
 12 ins. in the ground, for cor of secs.
 26, 27, 34 and 35, marked with
 1 notch on S., and 7 notches on
 E. ^{edges} ~~faces~~ from which
 A cedar, 8 ins. in diam., bears N.
 $46\frac{3}{4}^{\circ}$ E., 83 lks dist., marked
 T. 24, N. R. 9. E. S. 26. B.T.
- A pine, 6 ins in diam., bears S.
 $50\frac{3}{4}^{\circ}$ E., 39 lks dist., marked
 T. 24, N. R. 9. E. S. 35. B.T.
- A pine, 12 ins in diam., bears S.
 $2\frac{1}{2}^{\circ}$ W., 124 lks dist., marked

T. 24. N. R. 9. E.

Chns

T. 24. N. R. 9. E. S. 34. B. T.

A pine, 12 ins. in diam., bears N.
S. $44\frac{1}{2}^{\circ}$ W., 151 lks dist., marked

T. 24. N. R. 9. E. S. 27. B. T.

Land, mountainous

Soil, 4th rate

Timber, Cedars and pine

Mountainous and heavily
timbered land. 80.00 chns

East, on a random line

bet. Secs. 26 and 35

40.00

Set a temp $\frac{1}{4}$ sec. cor.

8038

Intersect N. and S. line, 12 lks.

N. of the cor. of secs. 25, 26, 35 and 36

Thence I run

N. $89^{\circ} 55'$ W. on a true line

bet Secs 26 and 35

Over broken land

SUBDIVISION OF

- Chms Through dense undergrowth of
Cedar
~~Draw~~ courses northwest
Ascend
- 17.00 Ascend steep Cinder hill
- 19.00 Top, ascend less steep
- 40.19 Set a Malpai stone, 24 x 12 x 10 ins.,
18 ins. in the ground, for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on N. face,
from which
A cedar, 8 ins. in diam., bears S.
 $77^{\circ}\frac{3}{4}$ W., 62 lks dist., marked
 $\frac{1}{4}$ S. 35. B.T.
- A pine, 8 ins in diam., bears N.
 45° W., 37 lks dist., marked
 $\frac{1}{4}$ S. 26. B.T.
- 180.38 The cor. of Secs. 26, 27, 34 and 35
Land, mountainous
Soil, 4" pate
Timber, Cedar and pine
Mountainous land and

T. 24. N. R. 9. E.

Chms dense undergrowth. 80.38 chms.

N. $0^{\circ}1'$ W., bet. Secs 26 and 27

Over rolling land

Through dense undergrowth
of Cedar and Pine

40.00

Set a Volcanic Stone, $30 \times 14 \times 10$ ins
21 ins in the ground, for $\frac{1}{4}$ sec,
cor. marked $\frac{1}{4}$ on N. face, from which
A Cedar, 8 ins. in diam., bears N.
 $74\frac{1}{2}^{\circ}$ E., 39 lks dist., marked
 $\frac{1}{4}$ S. 26. B.T.A Cedar, 8 ins. in diam., bears N.
 $26\frac{3}{4}^{\circ}$ W., 53 lks dist., marked
 $\frac{1}{4}$ S. 27. B.T.

53.00

Ascend

60.50

Rocky Ridge bears E. and W
Descend

SUBDIVISION OF

Chms

80.00

Set a Malpai stone, $18 \times 11 \times 6$ ins.,
 12 ins. in the ground, for cor. of
 secs. 22, 23, 26 and 27, marked
 with 2 notches on the S. and E.
~~edges,~~
~~faces,~~ from which

A cedar, 18 ins. in diam., bears
 $N. 50\frac{1}{2}^{\circ} E.$, 51 lks dist., marked
 T. 24. N. R. 9. E. S. 23. B.T.

A pine, 10 ins. in diam., bears S.
 $30^{\circ} E.$, 96 lks dist., marked
 T. 24. N. R. 9. E. S. 26. B.T.

A pine, 8 ins. in diam., bears S.
 $16^{\circ} W.$, 187 lks dist., marked
 T. 24. N. R. 9. E. S. 27. B.T.

A pine, 12 ins. in diam., bears N.
 $63\frac{3}{4}^{\circ} W.$, 52 lks dist., marked
 T. 24. N. R. 9. E. S. 22. B.T.

Land, mountainous

Soil, 4" rate

T. 24. N. R. 9. E.

Chns Timber, Cedar and pine
 Mountainous land and dense
 undergrowth. 80.00 chns

S. $89^{\circ}55'$ E., on a random line
 bet. Secs. 23 and 26

40.00 Set a temp $\frac{1}{4}$ sec. cor.

80.20 Intersect N. and S. line at the
 cor. of secs. 23, 24, 25 and 26
 Thence I run

N. $89^{\circ}55'$ W. on a true line
 bet. Secs. 23 and 26

Over broken land
 Through dense undergrowth of Cedars
 Ascend

4.00 Top of steep hill bears N.E. and S.W.

40.10 Set a Maepai stone, $18 \times 12 \times 8$ ins.,
 17 ins in the ground, for $\frac{1}{4}$

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SUBDIVISION OF

Chns sec. cor., marked $\frac{1}{4}$ on N.
 face, from which
 A pine, 18 ins. in diam., bears N.
 17° E., 302 lks dist., marked
 $\frac{1}{4}$ S. 23. B.T.
 A pine, 4 ins. in diam., bears S.
 $88\frac{1}{4}^{\circ}$ E., 217 lks dist., marked
 $\frac{1}{4}$ S. 26. B.T.

80.20 The cor. of Secs. 22, 23, 26 and 27
 Land, mountainous
 Soil, 4" rate
 Timber, Cedar and pine
 Mountainous land and dense
 undergrowth.

80.20 chns

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 N. $0^{\circ} 1'$ W., bet. Secs 22 and 23

Over rolling land

Through dense Cedar and pine

21.00

Descend

T. 24. N. R. 9. E.

Chms

40.00

Set a Malpai stone, 16 x 8 x 4 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W.

face, from which

A cedar, 8 ins. in diam., bears N. $62\frac{3}{4}^{\circ}$ E., 14 lks dist., marked

$\frac{1}{4}$ S. 23. B.T.

A pine, 12 ins. in diam., bears N. $24\frac{1}{2}^{\circ}$ W., 41 lks dist., marked

$\frac{1}{4}$ S. 22. B.T.

51.00

Wide Draw, course N.E.

Ascend

60.00

Top of hill

80.00

Set a Malpai stone, 18 x 14 x 12 ins., 17 ins. in the ground, for cor. of

secs. 14, 15, 22 and 23,, marked

with 3 notches on S., and 3 notches on E. ^{edges} faces, from which

A cedar, 10 ins. in diam., bears

SUBDIVISION OF

Chns N. 36° E., 78 lks dist., marked
 T. 24. N. R. 9. E. S. 14. B.T.
 A cedar, 8 ins. in diam., bears
 S. 79³/₄° E., 30 lks dist., marked
 T. 24. N. R. 9. E. S. 23. B.T.
 A pine, 8 ins. in diam., bears S.
 44¹/₂ W., 61 lks dist., marked
 T. 24. N. R. 9. E. S. 22. B.T.
 A cedar, 8 ins in diam., bears N.
 5¹/₂ W., 79 lks dist., marked
 T. 24. N. R. 9. E. S. 15. B.T.
 Land, mountainous
 Sec, 4^a rate
 Timber, Cedar and pine
 Mountainous and heavily
 timbered land

8000 chns

T. 24. N. R. 9. E.

- Chms S. $89^{\circ}55'$ E., on a random line
bet. Secs 14 and 23
- 110.00 Set a temp $\frac{1}{4}$ sec. cor.
- 79.85 Intersect N. and S. line, 24 lks
S. of the cor. of secs 13, 14, 23 and 24
Thence I run
S. $89^{\circ}55'$ W. on a true line
bet. Secs 14 and 23
- 2.00 Ascend
- 39.92^{1/2} Set a Malpai stone, 18 x 12 x 8 ins.,
17 ins. in the ground, for $\frac{1}{4}$ Sec.
cor., marked $\frac{1}{4}$ on N. face,
from which
A cedar, 17 ins in diam., bears
N. 77° E., 19 lks dist., marked
 $\frac{1}{4}$ S. 14. B.T.
- A pine, 10 ins. in diam., bears
S. $22\frac{1}{2}^{\circ}$ W., 119 lks dist., marked
 $\frac{1}{4}$ S. 23. B.T.
- 54.00 Ascend steep cinder ridge

Chns

65.00

Top

79.85

The cor of secs 14, 15, 22 and 23

Land, mountainous

Soil, 4" rate

Timber, Cedar and pine

Mountainous and heavily

timbered land, 79.85 chns

N. 0° 1' W., on a true line

bet. Secs 14 and 15

Over broken land

40.00

Set a Malpai stone, 20x12x4 ins
¹⁵ins in the ground, for $\frac{1}{4}$ sec.
 corner, marked $\frac{1}{4}$ on W. face,
 from which

A cedar, 5 ins. in diam., bears S.

S $7\frac{1}{2}^{\circ}$ E., 21 lks dist., marked $\frac{1}{4}$ S. 14 B.T.

T. 24. N. R. q. E.

- Chms A cedar, 8 ins., in diam., bears
N. $74\frac{1}{2}^{\circ}$ W., 40 lks dist., marked
1/4 S. 15. B. T.
- 80,00 Set a Malpai stone, $24 \times 15 \times 6$
ins., 18 ins. in the ground, for cor.
of Secs. 10, 11, 14 and 15, marked
with 4 notches on the S., and 2
notches on the E. edges, from which
A cedar, 6 ins. in diam., bears N.
 42° E., 21 lks dist., marked
T. 24. N. R. q. E. S. 11. B. T.
- A cedar, 10 ins. in diam., bears S.
 $56\frac{3}{4}^{\circ}$ E., 39 lks dist., marked
T. 24. N. R. q. E. S. 14. B. T.
- A cedar, 10 ins. in diam., bears S.
 45° W., 115 lks dist., marked
T. 24. N. R. q. E. S. 15. B. T.
- A cedar, 10 ins. in diam., bears
N. $35\frac{1}{2}^{\circ}$ W., 43 lks dist., marked
T. 24. N. R. q. E. S. 10. B. T.

Chms Land, mountainous
 Soil, 4" rate
 Timber, Cedar
 Mountainous land and dense
 undergrowth. 80.00 Chms

N. $89^{\circ}55'$ E. on a random line
 bet Secs. 11 and 14

40.00 Set a temp. 1/4 sec. cor.

79.61 Intersect N. and S. line 28 lks
 S. of the cor. of secs 11, 12, 13 and 14
 Thence I run

S. $89^{\circ}42'$ W., on a true line
 bet. Secs 11 and 14

Over rolling land
 Through dense cedars

39.80⁷⁴ Set a Volcanic Stone, 18x10x5 ins.
 12 ins in the ground, for 1/4
 sec. cor., marked 1/4 on N.

T. 24. N. R. 9. E.

Chris face, from which

A cedar, 8 ins. in diam., bears S.

~~2 1/2~~^{2 1/2}° ~~4. 3/4~~^{118.} N., ~~108~~ lrs dist., marked

1/4 S. 14. B.T.

A cedar, 8 ins in diam., bears N.

~~83.~~^{83.}° ~~57.~~^{34.} 3/4° N., ~~42~~ lrs dist., marked

1/4 S. 11. B.T.

79.61

The cor. of secs. 10, 11, 14 and 15

Land, mountainous

Soil, 4" rate

Timber, Cedar

Mountainous and heavily

timbered land. 79.61 chms

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N. 0° 1' West bet Secs 10 and 11

Over rolling land

Through dense cedar

40.00

Set a Maepai stone, 16x14x4 ins.,

11 ins. in the ground, for 1/4

- Chus see cor., marked 114 on W.
face, from which
A cedar, 17 ins. in diam., bears N.
86° E., 44 lks dist., marked
114 S. 11. B.T.
- A cedar, 10 ins. in diam., bears N.
60° W., 80 lks dist., marked
114 S. 10. B.T.
- 63.50 Ascend Maepais Knoll, 30 ft high
- 68.00 Top of Maepais Knoll
- Descent
- ~~76.25~~
~~66.75~~ Bottom
- 78.00 Ascend
- 80.00 A red lava stone, 10 x 30 x 18 ins.,
for cor. of sec. 7, 8, 10 and 11,
above ground, marked with a cross
at the exact cor. point, with 5 notches
on S, and 2 notches on E, edges
from which
A cedar, 10 ins in diam., bears N.
73½° E., 122 lks dist., marked

T. 24. N. R. 9. E.

T. 24. N. R. 9. E. S. 2. B. T.

A cedar, 10 ins. in diam., bears S.
 $55\frac{1}{2}^{\circ}$ E., 112 lks dist., marked

T. 24. N. R. 9. E. S. 11. B. T.

A pine, 17 ins. in diam., bears S.
 $21\frac{1}{4}^{\circ}$ W., 102 lks dist., marked

T. 24. N. R. 9. E. S. 10. B. T.

A cedar, 17 ins. in diam., bears N.
 30° W., 144 lks dist., marked

T. 24. N. R. 9. E. S. 3. B. T.

Land, rolling

Soil, 4" rate

Timber, Cedar and Pine

Mountainous land and
 dense undergrowth.

80.00 chns.

- Chms N. $89^{\circ}43'E$ on a random line
bet. Secs 2 and 11.
- 40.00 Set a temp $\frac{1}{4}$ sec. cor
- 79.61 Intersect N. and S. line at the cor
of secs. 1, 2, 11 and 12
Thence Drun
S. $89^{\circ}43'W$ on a true line
bet. secs 7 and 11.
- 9.50 S. side of rock knoll
- 16.00 Ascend
- 17.50 Rock knoll, 75 ft high
Descend
- 19.00 Bottom
- 39.80¹² Set a volcanic stone, $18 \times 18 \times 5$ ins,
12 ins. in the ground, for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on N. face, from
which
A cedar, ¹² ins. in diam., bears N.
~~86~~⁸⁵ $^{\circ}E$, ~~163~~¹⁷⁵ lks dist., marked
 $\frac{1}{4}$ S. 2. B.T.

T. 24. N. R. 9. E.

Chms A cedar, ~~17~~⁸ ins. in diam., bears S.
~~64~~⁷⁰ E., ~~182~~¹⁸⁷ lks dist., marked
 1/4 S. 11. B.T.

79.61 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling
 Sec, 14" rate
 Timber, Cedar
 Mountainous land
 and dense undergrowth
 79.61 chms

N. 0° 1' W. on a true line
 bet Secs 2 and 3

Over mountainous land, through dense cedars
 ascend

00.75 Top of red knoll, Descend.

18.00 Top of steep bluff

26.00 Bottom of steep bluff

40.00 Set a limestone, 24x12x8 ins., 18 ins. in the ground, for 1/4 sec.

cor., marked 14 on W. face, from which

SUBDIVISION OF

- Chns A cedar, 14 ins. in diam., bears N. 52° E., 61 lks
 dist, marked 1/4 S. 2. B.T.
- A cedar 10 ins. in diam., bears N. 52° W., 61
 lks dist, marked 1/4 S. 3. B.T.
- 41.00 Descend into deep box canyon, limestone walls each side
- 47.50 Bottom of canyon, 75 lks wide, course N. 60° E.,
 300 ft deep Ascend
- 51.75 Top of N. wall
- 60.90 Intersect 6" Standard, 11.35 chns E of
 1/4 cor on S. bdy Sec. 34
- Set a limestone, 18x18x6 ins., 12 ins. in the ground,
 for closing cor of secs 2 and 3, marked C.C. on
 S. with 2 grooves on E. and 2 grooves on W. faces, from which
- A cedar, 10 ins. in diam., bears x East
 224 lks dist, marked
 T. 24. N. R. 9. E. - S. 2. B.T.
- A pine, 8 ins. in diam., bears S. 32 1/2° W.,
 98 lks dist, marked
 T. 24. N. R. 9. E. S. 3. B.T.
- Land, mountainous

T. 24. N. R. 9. E.

Chns

Secs., 4" rate

Timber, cedar

Mountainous land and heavily timbered

October 10th 1902 } 60.90 chns.

From the cor. of secs., 3, 4, 33
and 34, on the S. bdy of the T_p,
which I established

Iron

N. 0° 2' W.

bet. Secs 33 and 34

Over hilly land

Through dense undergrowth

Ascend

11.10 Top of rock, point facing E

Descend

40.00 Set an pine post, 3 ft long, 3 ins sq.,
24 ins. in the ground, for 1/4 sec.
cor., marked 1/4 S. 33 on W., and
34 on E. faces, from which
A pine, 5 ins. in diam., bears S.

Chris 33 $\frac{1}{2}$ ° E., 25 lks dist., marked

$\frac{1}{4}$ S. 34 B.T.

A cedar, 6 ins. in diam., bears S.

87° W., 20 lks dist., marked

$\frac{1}{4}$ S. 33 B.T.

75.00 Bottom

Ascend

80.00 Set a Malpai stone, 24 x 12 x 6

ins., 18 ins. in the ground, for
cor of lks, 27, 28, 33 and 34,
marked with 1 notch on the S., and
3 notches on the E. edges, from which

A pine, 12 ins. in diam., bears N.

55° E., 77 lks dist., marked

T. 24. N. R. 9. E. S. 27. B.T.

A pine, 10 ins. in diam., bears S.

13 $\frac{1}{2}$ ° E., 115 lks dist., marked

T. 24. N. R. 9. E. S. 34. B.T.

A pine, 8 ins. in diam., bears S.

26° N., 72 lks dist., marked.

T. 24. N. R. 9. E.

Chms

T. 24. N. R. 9. E. S. 33. B.T.

A pine, 16 ins in diam., bears N.
64° W., 69 lks dist., marked

T. 24. N. R. 9. E. S. 28. B.T.

Land, mountainous

Soil, 4" rate

Timber, pine and cedar

Mountainous land and dense
undergrowth 8000 chms

East, on a random line

bet. Secs 27 and 34

40.00

Set a temp 1/4 sec. cor

80.11

Intersect N. and S. line at the
cor. of secs 26, 27, 34 and 35

Thence I run

West on a true line, bet Secs. 27 and 34

Over rolling and hilly

5.00

Ascend

Chms

15.00

Ridge bears N.E. and S.W.

Descend

40.00

Bottom of descent

40.05 $\frac{1}{2}$

Set a Malpai stone, 24 x 8 x 5 ins.,

18 ins in the ground, for $\frac{1}{4}$ sec. cor.,marked $\frac{1}{4}$ on N. face, from whichA pine, 14 ins in diam., bears N. $53\frac{1}{4}^{\circ}$

E., 33 lks dist., marked

 $\frac{1}{4}$ S. 27. B.T.

A pine, 10 ins in diam., bears S.

 $64\frac{3}{4}^{\circ}$ W., 91 lks dist., marked $\frac{1}{4}$ S. 34. B.T.

80.11

The cor of secs. 27, 28, 33 and 34

land, mountainous

Soil, 4" rate

Timber, pine

Mountainous and heavily

timbered land

80.11 chms

T. 24. N. R. 9. E.

Chms

N. $0^{\circ} 2' W.$, bet. Secs 27 and 28

Over hilly land

Through heavy timber and dense
undergrowth

Descend

40.00

Set a Malpai stone, $24 \times 10 \times 6$ ins.,
18 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on N. face, from which

A pine, 17 ins. in diam., bears S

 $80\frac{1}{2}^{\circ} E.$, 85 lks dist., marked $\frac{1}{4}$ S. 27. B.T.

A pine, 8 ins. in diam., bears S.

 $66\frac{1}{2}^{\circ} W.$, 77 lks dist., marked $\frac{1}{4}$ S. 28. B.T.

70.00

Bottom of long descent

Ascend

80.00

Set a lava stone, $18 \times 8 \times 6$ ins.,

12 ins. in the ground, for cor of

secs. 21, 22, 27 and 28, marked

with 7 notches on the S., and 3

Chns
 notches on the E. edges, from which
 A pine, 8 ins. in diam., bears N.
 $43\frac{1}{4}^{\circ}$ E., 708 lks dist., marked
 T. 24. N. R. 9. E. S. 22. B.T.
 A pine, 8 ins in diam., bears S.
 $51\frac{1}{4}^{\circ}$ E., 18 lks dist., marked
 T. 24. N. R. 9. E. S. 27. B.T.
 A pine, 18 ins. in diam., bears S.
 $34\frac{1}{4}^{\circ}$ W., 85 lks dist., marked
 T. 24. N. R. 9. E. S. 28 B.T.
 A pine, 10 ins in diam., bears N.
 56° W., 60 lks dist., marked
 T. 24. N. R. 9. E. S. 21. B.T.
 Land, mountainous
 Soil, 4" rate
 Timber, Pine
 Mountainous land and dense
 undergrowth. 8000 chns

T. 24. N. R. 9. E.

- Chms East on a random line
bet. Secs 22 and 27
- H 0.00 Set a temp 1/4 sec. cor
- 80.30 Intersect N. and S. line, 14 lks
N. of the cor. of secs. 22, 23, 26 and 27
Thence, I run
N. $89^{\circ}54'$ W., on a true line
bet. Secs 22 and 27
Over broken land
Through timber and dense undergrowth
- 27.01 Descend ridge, bears N. 25° E., and
S. 25° W.
- 33.00 Bottom
- H 0.15 Set a Volcanic Stone, $10 \times 10 \times 5$ ins., 15
ins. in the ground, for 1/4 sec
cor., marked 1/4 on N. face,
from which
A pine, 18 ins. in diam., bears N.
 58° E., 74 lks dist., marked
1/4 S. 22. B.T.

Chms A pine, 8 ins. in diam., bears S.
 191 $^{\circ}$ E., 76 lks dist., marked
 62.00 $\frac{11}{4}$ S. 27. B.T.
 80.30 Draw, thro. N.E. [

The cor. of secs. 21, 22, 27
 and 28

Land, mountainous

Soil, 4" rate

Timber, pine

Mountainous land and
 dense undergrowth

80.30 chms

Oct. 11th 1902

N. 0 $^{\circ}$ 2. W., bet secs 21 and 22

Over mountainous land

Through dense undergrowth

Ascend.

11.00

Ridge bears N. 30 $^{\circ}$ E., and S 50 $^{\circ}$ W

Descend

17.00

Bottom

Concluded Book 490

BOOK 491