

Book "B"

No 1

Subdivisions

T. 19 N. R. 5 E

No 308

BOOK 308

4-671

BOOK 308

308

FIELD NOTES
GENERAL LAND OFFICE.

No - 308

PRELIMINARY OATHS OF ASSISTANTS.

We, Fred C. Roberts
Charles Fitzgerald

solemnly swear that we will well and faithfully execute the duties of
chainmen; 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 length
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
Tp. 19 N. R 5 E

BOOK 308

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

Fred. C. Roberts, Chainman.

Charles Fitzgerald, Chainman.

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this 28th day
October, 1902.

Louise B. Jacoby

my Commission Expires March 2nd 1904 Notary Public

REAL.]

We, George W. Campbell
and Frank J. Fenton
do solemnly swear that we will well and truly perform the duties of
flagman and axmen, in the establishment of corners and other duties
according to instructions given us, to the best of our skill and ability, in
the survey of the Subdivision lines

of Tp. 19 N. R. 5 E

BOOK 308

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

_____, Flagman.
George W. Campbell, Axman.
Frank J. Fenton, Flagman.
_____, Axman.
_____, Axman.

Subscribed and sworn to before me this 28 da
of October, 1902.

Francis B. Jacobs
Notary Public.
My Commission Expires
March 2 - 1904

No-308

B

Subdivision of T. 19 N. R. 5 E

Field Notes

BOOK 308

of the Survey of the

Subdivision Lines

of
Township 19 North

Range 5 East

of the
Gila and Salt River

Base and Meridian

in the

Territory of Arizona

as surveyed by

Andrew Barry

U.S. Deputy Surveyor.

Under his contract No 99
dated June 30th 1902

Survey commenced Nov. 21st 1902

Survey completed June 14th 1903

Subdivision of T. 19. N. R. 5 E.

Names and duties of Assistants
 Fred C. Roberts chairman
 Charles Fitzgerald "
 George W. Campbell Assman
 Frank J. Fulton Hayman

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Township 19 North. R. 5 East.

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Subdivision of T. 19 N., R. 5 E.

Survey commenced
November 21st 1902 and
executed with a Gurley
Solar transit. ^{November} the full
description and notes of
the testing are in the book
containing the notes of
the South bdy. of the Sp. -

As the cor. of Secs
1-2-35 and 36 on the
S. bdy. of the Sp. could
not be established.

at the cor. of Secs.
2-3-34 and 35 on the S.
bdy. of the Sp. which is a
Sandstone 6' 4" x 8" in above ground
which I established November
14, 1902 and run thence
N 0° 1' W. bet Secs 34 and 35
over mountainous land

* N.M. 21. at 98 1/2 m. lmt. Set off 35 1/2 in
on the lot acc. 19:46 S. on the decl
are, and determining a true meridian
with the solar

Subdivision of

Through heavy timber
Ascend

8.00 Top of steep hill

12.00 Descend

23.00 Gulch 15 ft. wide crosses W
ascend steep hill

26.00 Top.

33.00 Descend

40.00 A sandstone in place
12 x 12 x 6 ins above ground
I mark a + at the cor,
Paint and 1/4 on N. of + for
1/4 Sec. cor. From which
a Pine 10 ins. in diam.
bears S. 77 1/2° E. 12 lbs dist.
Marked 1/4 S. 35 B.T.

a Pine 8 ins in diam
bears N 81 1/2° W. 14 lbs, dist.
Marked 1/4 S 34. B.T.

Ascend

T 19 N, R 5 E.

- 48.00 Ridge 100 ft above bottom
bears S. E. and N. W.
Descend
- 59.00 bottom
- 68.00 Descend
- 71.00 Gulch 75 Lks. wide course S. E
- 72.00 Ascend
- 80.00 Set a Sandstone 24 x 12 x 4 ins.
18 ins in the ground for cor. of Sec.
26-27 34 and 35
with 1 notch on S. and 2
notches on E. edge
from which
A Pine 20 ins. in diam.
bears N 83 $\frac{1}{4}$ ° E 48 lks. dist.
Marked T 19 N R 5 E S 26 B.T.
- A Pine 20 ins in diam.
bears S. 69° E 41 lks. dist.
Marked T 19 N R 5 E S 35 B.T.
- An Oak 12 ins in diam.

Subdivision of

bears S 23 1/4° W 49 Secs. dist.

Marked T 19 N R 5 E S 34 B.T.

and oak 14 in in diam.

bears N 75° W 111 Secs. dist.

Marked T 19 N R 9 E S 27 B.T.

Land mountainous

Soil 3^d rate

Timber Pine and Oak
mountainous and heavily
timbered land 8000 lbs

East on a true line bet.

Secs 26 and 35.

Over mountainous land
through heavy timber
Ascend

3.00 Ridge slopes S. E

Descend

5.75 Gulch 50 ft deep course S.

Ascend

T. 19 N. R. 5 E.

- 8.00 Top.
- 28.00 Descend
- 32.00 Gulch 30 ft. wide, course S. N.
Ascend
- 35.50 Top. -
Descend gently
- 40.00 Set sandstone $16 \times 10 \times 5$ in.
11 ins. in the ground for $\frac{1}{4}$
Sec. cor. marked $\frac{1}{4}$ on N. face
From which
a Pine 20 ins. in diam.
bears N $23\frac{1}{4}^{\circ}$ E. 39 ft. dist.
marked $\frac{1}{4}$ S 26. B.T.
- a Pine 40 ins. in diam.
bears S. 1° N. 61 ft. dist.
marked $\frac{1}{4}$ S 35 - B.T.
Road bears S. E. and N. W.
- 46.00 Ascend
- 53.00 Ridge bears S. E. and N. W.
Descend
- 70.00 Top. -

Subdivision of

80.00 Set a Sandstone 16 7/8 x 4 1/4 ins.
 11 ins in the ground for cor.
 of Secs. 25-26-35 and 36
 marked with 1 notch on S
 and E edges from which
 a Pine 12 ins. in diam.
 bears N 45° E. 36 Lks. dist.
 marked T 19 N R 5 E S 25 - B.T.
 an Oak 16 ins. in diam.
 bears S 80 3/4° E 100 lks. dist.
 marked T 19 N R 5 E S. 36 - B.T.
 an Oak 30 ins in diam
 bears S. 55° W 45' Lks. dist.
 marked T 19 N R 5 E S 35 - B.T.
 a Pine 36 ins. in diam
 bears N 4 1/2° W 39 Sks. dist.
 marked T 19 N R 5 E S 26 B.T.
 Sand mountains
 Soil 3 L rate
 Timber Pine and Oak

T 19 N, R 5 E

mountainous and heavily
timbered land 80. chs

South 0°1' E. brt. Seal

35 and 36.

Through heavy timber
over reeling land

26-00 odd Cabin bears E. 5 chs!

Road brs. ^{29 W.} Descend

40.00 Set a Limestone 16x8x6 ins

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

from which

an Oak 8 ins in diam.

bears N 50 1/2° E. 25' lvs. dist.

marked 1/4 5 36 T.T.

a Pine 3 1/2 ins in diam

bears S. 28 1/2° W 23' lvs. dist.

marked 1/4 5 35 B.T.

ascend

Subdivision of

58.00 Top of Canon Wall, bears
 E and W. beyond which
 the line is impracticable
 15'00 ft. high
 I mark a + on top of cliff 200 ft high on S. side for
 W.C. to cor. of secs. 1-2 35 and 36 with 1 prong on E. and 5
 prongs on W. of + and W.C. on N. From which
 a Pine 20 ins. in diam bears N 17 1/2° E 90 LKS. dist.
 marked W.C. T 19 N. R. 5 E. S. 36 B.T.
 an oak 8 ins in diam. bears N. 67° W. 54 LKS. dist.

marked W.C. T 19 N. R. 5 E. S. 35 B.T.

no other tree within limit

I raise mound of stone 2 ft base 2 ft high
 W. of cor.

The point for cor. of secs 1 2 35 and 36 from
 Land rolling 30' E 22. chs.

Soil 3rd rate

Timber Pine and Oak

Heavily timbered

land 80⁰⁰ chs

November 21, 1902

Nov 22. at 8^h 10^m a.m. L.M.C. I set off 35 1/2' N on the lat arc;
 19.57' S. on the decl. arc, and determine a true
 meridian with the solar and sun

East on a random line set.

Secs. 25 and 36

Over mountainous land
 through heavy timber

40.00

Set temp 1/4 Sec. cor

79.72

Intersect E Sdy. of the

T. 19 N. R. 5 E

Sp. 25.99 chs. S of the cor of
Secs 25-30-31 and 36

I set a Sandstone 16x8x6 ins.
11 ins in the ground for cor
of Secs 25 and 36. marked
with 1 notch on S. and 5
notches on N. edge. from which
a Pine 10 ins in diam.

bears S. 79° W. 55 S. dist.
marked T. 19 N. R. 5 E. S. 36 B. T.

a Pine 36 ins. in diam.

bears N 58 1/4° W. 63 S. dist.
marked T. 19 N. R. 5 E. S. 25 B. T.

I obliterate the markings
on the trees at the old cor.
referring to these Secs.
These

Met on a tree line bet
Secs 25 and 36

H-58 Discard-

12.76 Gulch 20 Sds wide Course N

Subdivision of

ascend

23. 00 Top of steep hill

ascend gently

39. 86 Set of sandstone 18x12x6 ins

12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ m Nface From which
a Pine 30 ins. in diam.bears S 48 $\frac{3}{4}$ ° W 55 lds. dist.marked $\frac{1}{4}$ S. 36 B.T.

A Pine 10 ins. in diam.

bears N 26° W 10 lds. dist.

marked $\frac{1}{4}$ S 25 B.T.

79. 72 The cor. of Secs.

25-26-35 and 36

Land rolling and
mountainousSoil 3^d rate

Timber Pine and oak

Heavily timbered Sand 79. 72 d.s.

T. 19 N. R. 5 E.

No. 1 W. bet. Secs 25 & 26

Over rolling land
through heavy timber

8.00 descend

12.00 Gulch 25 lds. wide course NN
ascend

14.00 Top.

18.00 Descend

27.00 Gulch 40 ft deep 40 L. wide
course W.

ascend

30.00 Top

35.50 Descend

36.50 Gulch 20 lds wide course W
ascend

37.50 Top.

40.00 Set a sand stone 24 x 8 x 6 ins
18 ins in the ground for 1/4
sec. cor. marked 1/4 on W face
from which

Subdivision of

an Oak 12 ins. in diam,
 bears S. 55° E 18 lks dist.
 marked $\frac{1}{4}$ S 25- B.T.

a Pine 18 ins. in diam,
 bears S. 23° W. 18 lks. dist.
 marked $\frac{1}{4}$ S 26 B.T.

8000 set a Sandstone $16 \times 8 \times 6$ ins
 11 ins. in the ground for cor.
 of Secs. 22-24-25 and 26
 marked with 2 notches on S
 and 1 notch on E. edges
 from which,

a Pine 8 ins. in diam.
 bears $N 10^{\circ}$ E 37 lks. dist.
 marked T19N R5E S 24 B.T.

a Pine 16 ins. in diam.
 bears $S 85^{\circ}$ E. 23 lks. dist.
 marked T19N R5E S 25- B.T.

a Pine 14 ins in diam,
 bears $S 5^{\circ}$ W- 8 lks. dist.

T 19 N, R 5 E

Marked T 19 N R 5 E S 26 B.T.

a Pine 14 ins. in diam.

bearing N 71 1/2° W 21 chs. dist.

Marked T 19 N R 5 E S 23 B.T.

Land broken

Soil 3^d rate

Timber Pine and Oak

Heavily timbered land

80.00 chs

November 22^d 1902

Nov. 23. at 8 1/2 a.m. m. t. i. set off 35° 3' N. on the lat arc,
20" 1/3 on the decl. arc. and determine a true
meridian with the solar and sun

Cast on a random line
bet. Secs. 24 and 25

Over broken land

through heavy timber

40.00 Set temp 1/4 Sec. cor

79.79 Intersect E. bdy. of the Sp
25.49. chs S. of the cor. of Secs

19. 24. 25 and 30.

where I set a sand stone

Water settings omitted

Subdivision of

16x10x8 ins 11 ins. in the ground
for cor of secs 24 and 25.
marked with 2 notches on S.
and 4 notches on N edges.

From which

@ Pine 28 ins. in diam.
bear S $27^{\circ} \frac{3}{4}$ W. 55 lts. dist.
marked T19 N R 5 E S 25 B.T.

@ Pine 14 ins. in diam
bear N $38^{\circ} \frac{1}{2}$ W. 63 lts. dist.
marked T19 N R 5 E S 24 B.T.

I obliterated the markings
on the trees at the old cor.
referring to these secs,
thence I run

West on a true line bet.
secs 24 and 25.

Descend

13.75 Gulch 100 ft below Sec. cor.
course N 60° W.

T 19 N. R 5 E

Ascend

31.00 Ridge bears S E and N. W.

Descend

37.00 Gulch 25 fts. wide course N

Ascend

39.89 1/2 Sit a Sand stone 20 x 12 x 8 ins
15 ins in the ground for 1/4 dia
cor. marked 1/4 on N face

From which

a Pin 18 ins. diam
bears N 75 1/4° E 66 fts. dist.
marked 1/4 S 24 B.T.a Pin 20 ins in diam
bears S 35 1/2° W 42 fts. dist.
marked 1/4 S 25 B.T.

42.00 Top-

65.00 Descend

68.50 Gulch 30 fts. wide course N. W.

Ascend

72.00 Top.-

Subdivision of

79.79 The cor. of Secs
 23-24-25 and 26
 Land broken
 Soil 3^d rate
 Timber Pine
 Heavily timbered
 Land 79.79. ch

No. 1st N. bet Secs. 23 and 24
 over mountainous land
 through heavy timber
 6.00 descend
 20.75 Gulch 75 ft. deep course N.W.
 Ascend
 40.00 A sand stone in place 36x74
 x 12 ins above ground. I
 mark a + for the cor. point
 and 1/4 on W side for 1/4 Sec.
 cor. From which
 an Oak 10 ins. in diam

T 19 N. R 5 E.

bearing $S 59^{\circ} E$ 37 chs. dist.

marked 1/4 5 74 B.T.

an oak 8 ins in diam.

bearing $S. 83\frac{1}{2}^{\circ} W.$ 34 chs. dist.

marked 1/4 5 23 B.T.

49.00 Top of ascent on rim of
West Oak Creek Cañon

52.00 Descend

73.00 Top of perpendicular
bluff bearing S. E. and N. W.
impassible to get down
to the corner point
a Sand stone in place
18418412 ins above ground
for Witness cor. for Secs
13-14-23 and 24

I mark a + at the ^{cor} point
and 3 grooves on S and 1
on E. of + _{with N.C. above +} From which
a Pine 8 ins. in diam.

Mount
Laramie E.
W.C. 129 +

Subdivision of

bears N 38° E 23 lks. dist.

Marked W.C. T19N R5 E S 13 B.T.

A Pine 12 ins. in diam

bears S 18 1/2° E 129 lks. dist

Marked W.C. T19N R5 E S 24 B.T.

A Pine 8 ins. in diam.

bears S 72 1/4° W. 15 lks. dist.

Marked W.C. T19N R5 E S. 23 B.T.

A Pine 8 ins. in diam.

bears N 56 1/2° W. 18 lks dist.

Marked W.C. T19N R5 E S 14 B.T.

Land mountainous

Sale 3^d rate

Timber Pine some oak
mountainous and heavily

Timbered Land 8000 lbs

November 23^d 1902

Nov. 24. at 9^h 15 m. a.m. l.m.t. I set off
35° 2' N on the lat. arc; 20^h 45 m on the decl. arc, and
determine a true meridian
with the solar

T19 N, R.5 E

Baker's return omitted

I return to the
 cor. of Secs. 26-27-34
 and 35- and (see bottom page 20)
 and run thence

$N0^{\circ}1'N$. bet. Secs 26-27

Over rolling land
 through heavy timber
 Ascend

3.00 Top of ascent

30.00 Descend

40.00 Set Sandstone $18 \times 10 \times 6$ ins.

12 ins. in the ground for $\frac{1}{4}$

Sec. cor marked $\frac{1}{4}$ on

N. face From which

A Pine 14 ins. in diam.

bears $S. 58^{\circ}E$ 19 lks. dist.

Marked $\frac{1}{4} S 26 B.T.$

A Pine 16 ins in diam
 bears $N 73^{\circ} W$. 68 lks. dist.

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

Subdivision of

- 46.50 Bottom of descent
- 47.50 Ascend
- 50.00 Ridge bears E and W
Descend
- 55.70 Hook and Road bears
S 30° E and N 30° W
- 61.00 Ascend
- 69.00 Top, 40 ft above bottom
- 79.00 Descend
- 80.00 Set a Sandstone 3/4 x 8 x 5 ins.
18 ins. in the ground for cor.
of Secs 24-23-26-27
Marked with 2 notches on
S and E edges from which
a Pine 24 ins. in diam
bears N 9 1/2° E 89 lks. dist.
Marked T19N-R5E S23 B.T.
a Pine 30 ins. in diam
bears S 27 1/2° E 43 lks. dist.
Marked T19N R5E S26 B.T.

T 19 N, R 5 E

A Pine 2 1/2 ins. in diam.,
 bears S 3° W. 89 lks. dist.

Marked T 19 N R 5 E S 27 B.T.

An Oak 8 ins. in diam.,
 bears N 45 1/2° W 8 lks. dist.

Marked T 19 N R 5 E, S 22 B.T.

Land broken

Scip 3^d rate

Timber Pine some Oak

Heavily timbered Land

80. chs.

East on a random line
 bet. Secs. 23 and 24

40.00

Set temp. 1/4 cor.

80.42

Intersect N and S. line 13

lks. S. of the cor of Secs. 23-24-
 25 and 26

Hence I run

S. 89° 55' W on a true line

Subdivision of

- bet. Secs 23 and 24
 over broken land
 through heavy timber
- 19.00 Descend
- 21.50 Bottom
 Ascend
- 24.00 Top
- 35.00 Descend
- 40.21 Sit a sandstone 18 x 10 x 8 ins.
 12 ins. in the ground for $\frac{1}{4}$
 Sec. cor. Marked $\frac{1}{4}$ on
 N face From which
 a Pine 36 ins. in diam.
 bears S. $7\frac{1}{2}^{\circ}$ E 39 fms. dist.
 marked $\frac{1}{4}$ S 26 B.T.
 A Pine 8 ins. in diam.
 bears N $53\frac{3}{4}^{\circ}$ N 53 fms. dist.
 marked $\frac{1}{4}$ S 23 B.T.
- 41.00 Bottom
- 73.00 Ascend

T 19 N, R 5 E.

80.42 The cor. of Secs. 22-23-26
and 27

Land broken

Soil 3^d rate

Timber Pine. Some Oak

Heavily timbered land

80.42 ch.

~~November 24th 1907~~✓ Nov. 28. at 9^h. a.m. 2 mts. S set off 35° 3' N. on the dial arc,
20° 26' S. on the dial arc. and determine a true
meridian with the solar and sun.

+ N 0° 1' W. bet Secs. 22-23

Over mountainous land

Through heavy timber

Descend

7.00 Bottom 60 ft. below cor.

Ascend

7.70 Trail bears S 35 E - N 35 W

24-25 Log fence enclosing Barney
pasture bears N 20 E - S 20 W.28.00 Top of ascent 60 ft above ^{bottom}

35-00 Descend.

Subdivision of

- 40.00 Sit a Sandstone $16 \times 12 \times 5$ ins.
 11 ins. in to ground for $\frac{1}{4}$ Sec.
 cor. marked $\frac{1}{4}$ on W. face
 From which
 an Oak 8 ins in diam.
 bears $S. 60^{\circ} \frac{1}{2}^{\circ} E$ 27 lds. dist.
 marked $\frac{1}{4}$ S. 23 - B.T.
 a Pine 2 $\frac{1}{2}$ ins. in diam.
 bears $N 33^{\circ} \frac{1}{2}^{\circ} W$ 2 $\frac{1}{2}$ lds. dist.
 marked $\frac{1}{4}$ S. 77 B.T.
- 58.50 Gulch 80 ft deep course E
 ascend
- 61.50 Ridge bears E and W
- 69.00 Descend into Canon
- 80.00 300 ft below top
 A Sand stone in place $24 \times 36 \times 36$
 7 $\frac{1}{2}$ ins above ground. Schist
 a + at the cor. point for
 cor of Secs 14-15-22 and 23
 with 3 grooves on S and 2

T 19 N, R 5 E.

grows on E of t. From which
a Pine 5 ins. in diam.

bears N $23\frac{3}{4}$ E. 54 Sks. dist.

marked T 19 N. R 5 E S. 14 B.T.

a Pine 10 ins. in diam.

bears S. $35\frac{1}{2}$ E. 59 lks. dist.

marked T 19 N R 5 E S 23 B.T.

a Pine 8 ins. in diam.

bears S $19\frac{3}{4}$ W 169 Sks. dist.

marked T. 19 N. R. 5 E. S. 22 B.T.

a Pine 12 ins. in diam.

bears N $17\frac{1}{2}$ W. 162 lks. dist.

marked T 19 N. R 5 E. S. 15 B.T.

Sand mountains

Soil 3^d rate

Timber Pine and oak
Mountains and heavily
timbered land 80. cks

Nov. 25, at this Cor. I set off $20^{\circ}10'S$. on the decl. arc
and, at 12.30 p.m. observed the sun on the
meridian the resulting lat. is $35^{\circ}4'N$

Subdivision of

Note.

West Oak Creek cañon
course almost East from
this corner. - makes it
altogether impracticable
to run the lines bet.
Secs. 14 and 23, and 13
and 24

N^o 1' N. bet. Secs 14 and 15
Over mountainous land
through heavy timber
Discard

6. 50 Bottom of West oak creek
cañon 700 ft. deep
course S 60° E

~~November 24th 1903~~

9. 00 Ascend

34. 00 Top of cañon rim bears E & N.
Discard

T 19 N, R 5 E.

40.00 Set a Sandstone 30 x 20 x 18 ins
for pins in the ground, to bed
rock. for $\frac{1}{4}$ sec. cor.

Marked $\frac{1}{4}$ on W. face from corner

an Oak $\frac{1}{4}$ ins. in diam.
bears N 72 $\frac{1}{4}$ E 13 fms. dist
marked $\frac{1}{4}$ S 14 B.T.

a Pine 16 ins. in diam.

bears S 83 $\frac{3}{4}$ W. 46 fms. dist,
marked $\frac{1}{4}$ S. 15 B.T.

42.00 Bottom of Cañon 400 ft deep
course S-E.

Ascend

46.00 Top.

Descend

53.00 Gulch 100 ft. deep course S 60 E.

Ascend

63.00 Ridge bears E and W

66.00 Descend

80.00 Set a Sandstone 18 x 12 x 8 ins

Subdivision of

12 ins. in the ground for
 cor of Secs 10-11-14 and 15
 marked with 4 notches on S
 and 2 notches on E. edges

From which

a Pine 14 ins. in diam
 bears $N 39\frac{1}{4} E$. 45 lks. dist.
 marked T19N. R. 5 E. S 11 B.T.

a Pine 5 ins. in diam.
 bears $S 77\frac{1}{2} E$ 89 lks. dist.
 marked T19N. R 5 E. S. 14 B.T.

a Pine 24 ins. in diam.
 bears $S 70\frac{1}{4} W$. 13 lks. dist.
 marked T19N R 5 E S 15 B.T.

a Pine 14 ins in diam.
 bears $N 28\frac{3}{4} W$. 20 lks. dist.
 marked T19N-R 5 E S 10 B.T.

Land Mountainous
 Soil of the rate

Timber Pine and Oak

T 19 N, R 5 E

mountainous and heavily
timbered Land 80.00 Acs.

X East on a true line bet.
Secs. 11 and 14
over rolling land
through heavy timber

40.00 Set a Simestone 16 x 10 x 5 ins.
11 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on
the N face from which
a Pine 20 ins. in diam.
bears N 79° E 5' elev. dist.
marked $\frac{1}{4}$ 5 11. B.T.

a Pine 18 ins. in diam.
bears S. 88 $\frac{1}{2}$ ° W 12' elev. dist.
marked $\frac{1}{4}$ 5 14 B.T.

44 00 West wall of cañon
Descend

Subdivision of

62.50 Bottom of cañon 800 ft.
deep course S. E
Ascend

80.00 Set a Sandstone $24 \times 14 \times 8$ ins.
12 ins in the ground surrounded
by mound of stone. for cor.
of Secs. 11-12-13 and 14
marked with 4 notches on S
and 1 notch on East edges

From which

a Pine 14 ins. in diam.
bears N $10\frac{1}{2}^{\circ}$ E. 19 lks. dist.
marked T 19 N R 5 E S 12. B.T.

a Pine 8 ins. in diam
bears S. $46\frac{3}{4}^{\circ}$ E. 77. lks. dist.
marked T 19 N. R 5 E S 13. B.T.

a Pine 18 ins in diam
bears S. $0\frac{1}{2}^{\circ}$ W 23 lks. dist.
marked T 19 N R 5 E S 14 B.T.

a Pine 18 ins. in diam.

T 19 N, R 5 E.

Leaves N 30 $\frac{1}{4}$ W. 53 lks. dist.

marked T 19 N. R 5 E. S 11-B.T.

Sand mountains

Sail 3 $\frac{1}{2}$ and 4 rate

Timber Pine

Mountains and heavily
timbered land 80.00 chs.November 25th 1902Nov. 26, at 8 $\frac{1}{2}$ 3 $\frac{1}{2}$ l.m. l.m.p. 3 set off 35 $\frac{1}{4}$ N. on the lat.
arc; 20 $\frac{1}{4}$ 5 on the decl. arc, and determine a
true meridian with the solar and sunx. 20 $\frac{1}{2}$ E. lat. Secs 13 and 14.Over mountains land
through heavy timber
Descend3.00 Bottom of deep cañon
course S.W. 10 chs. then
South5.00 Ascend along E. side of
cañon33.50 Ridge slopes W.
Descend50 $\frac{1}{2}$ E
Rocks & settings
marked

Subdivision of

37.75 Wall 100 ft high bears E and W
descend

40.00 Set a Sandstone 16 x 14 x 8 ins.
11 ins in the ground for $\frac{1}{4}$
Sec. cor. Marked $\frac{1}{4}$ on N face
From which

a Pine 16 ins. in diam.
bears S. 25° E. 127 lts. dist.
Marked $\frac{1}{4}$ S 13 B.T.

an Oak 14 ins. in diam.
bears N 85° W. 69 lts. dist.
Marked $\frac{1}{4}$ S 14 B.T.

62.00 Top of wall of canon course
S 76° E.

Should set
W.P.

on account of the impassable
canon I abandon the line
here and set a Sandstone 20 x 10 x 16 ins. 15 ins. in
the ground for W.P. marked W.P. on W face and
raw in ground of stone 2 ft long 1 1/2 ft high with W.P.
pins indistinguishable
Sand Mountains

Said 4 th rate

Includes Pine and Oak

T 19 N, R 5 E.

Mountainous and heavily timbered Land 80.00 chs

East on a random line
bet. Secs. 12 and 13

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

79.96 Intersect E. bdy. of the 3p.

25.23 chs. S of the cor of Secs

7-12-13 and 18. where I

set a Limestone 18x12x10 ins

12 ins. in the ground for cor.

of Secs 12- and 13 marked

with 4 notches on S. and

2 notches on N edges

From which

a Pine 10 ins. in diam.

bears S. 37° W. 70 sds. dist.

marked T 19 N R 5 E S 13 - BT.

a Pine 2 1/2 ins in diam.

bears N 42° E 19 lts. dist.

Subdivision of

marked T19N-R5E5, 12 B.T.

I obliterate the drawings
on the trees at the old cor
referring to these Secs.

Thence I run West on a
true line bet Secs 12 and 13
over mountainous land
through heavy timber
descend

7.00 Gulch 20 fts. wide course N.E.
ascend

22.00 Top
descend

31.00 Gulch 25 fts wide course N.
ascend

37.00 descend steep bank

39.98 Hit a sandstone 18 x 12 x 6 ins.
12 ins. in the ground for $\frac{1}{4}$ in
cov. marked $\frac{1}{4}$ on a face
from which

T 19 N, R 5 E.

a Pine 24 ins. in diam.
 bears S. 58° W. 62 lks. dist.
 marked 14513 B.T.

a Pine 24 ins. in diam.

bears N 36 1/2° W. 24 lks. dist.
 marked 14512 B.T.

41-00

Gulch 15 lks wide course N 30° E

Ascend steep hill

47.00

Top of steep hill

Ascend gently

66.00

East Wall of canon bears N. x S.

Descend

78.00

Bottom of Canon 700 ft.

deep course S. W.

Ascend

79.96

The cor. of Secs 11-12-13-14

Land Mountainous

Said at rate

Timber Pine some oak
 Mountainous and heavily
 timbered land 79.96 chs.

November 26th 1902

✓ Subdivision of
 Nov 27. at 8^h 10^m a.m. I set off 35° 4' N on the lat arc; 20° 59' S
 on the ~~lat~~ ^{lat} arc, and determine a true meridian with
 the ~~lat~~ ^{lat} arc and ^{run}

No. 1 W. bit. Secs. 11 and 12

Over Mountainous Land
 Through heavy timber
 ascending

- 16.00 Descend into Canon
- 31.00 Bottom of Canon 800 ft. deep
 course South 15° W.
- 33.00 Ascend
- 35.50 Sharp ridge slopes E.
 Descend
- 39.00 Canon course S. E.
 Ascend
- 40.00 Set a sandstone 16x10x6 in.
 10 in. in the ground for 1/4
 sec. cor. marked 1/4 on W
 face From which
 a + on bottom of sand
 stone bluff 100 ft high
 bears N 43° E 6 lks. dist.
 marked 1/4 S. 12 - B.R.

T19N R5E.

a Quaking aspen 8 ins
in diam.

bears N $53\frac{1}{2}^{\circ}$ W. 55 lks. dist.

Marked $\frac{1}{4}$ S. 11-B.T.

53.00

Top of canon wall bears SE-NW
Descend

66.50

Bottom

ascend

80.00

Set a Malpais stone $18 \times 8 \times 5$ 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 from which

a Pine 14 ins in diam.

bears N 9° E 31 lks. dist.

Marked T19N R5E S1-B.T.

a Pine 8 ins. in diam

bears ^{S. $45\frac{1}{2}^{\circ}$ E 75} 57° E 34 lks. dist.

Marked T19N R5E S12 B.T.

a Pine 16 ins. in diam

Subdivision of

^{5.35°W}
 bears S 43°W 5 lks dist.

Marked T19N R5E S11 B.T.

A Pine 10 ins. in diam.

^{7.74°W}
 bears N 59°W 4 lks. dist.

Marked T19N-R5E S-2 B.T.

Tand mountains

Price 4 $\frac{1}{2}$ rate

Timber Pine

mountainous and heavily
 lumbered land 80.00 ch

+

East on a random line
 bet. Secs. 1 and 12

40. Sit temp 1/4 sec. cor

80.32 Intersect E. body of the Sp.

24.85 ch. S. of the cor. of
 Secs 1-6-7 and 12. when

I set a Malpais stone 24 x 10 x 8 ins

18 ins. in the ground for cor of
 Secs 1 and 12. Marked with 5

T 19 N, R 5 E.

notches on S and 1 notch on
N. edges from which
an Oak 8 ins in diam
bears S 79 $\frac{1}{2}$ ° W. 37 lvs. dist.

marked T 19 N. R 5 E S 12 B.T.
an Oak 12 ins in diam.

bears N 39° W 40 lvs. dist.

marked T 19 N R 5 E S 1 B.T.

I obliterate the markings
on the trees at the old cor.
referring to these Secs

thence I run

Next on a true line bet.
Secs. 1 and 12

over mountainous land
through heavy timber
Descend

28.00 Descend more abrupt

31.00 Bottom Gulch 75 ft deep
course South

Subdivision of

- 33.00 Top.
Descend
- 35.00 Gulch 30 fms wide corner S
Ascend
- 40.16 Set a Malpais Stone 18x10x6 in.
12 ins in to ground for $\frac{1}{4}$ Sec
cor. Marked $\frac{1}{4}$ on N face
From which
a Pine 16 ins. in diam.
bears S. $9\frac{1}{2}^{\circ}$ E 18 lts. dist.
Marked $\frac{1}{4}$ S 12 B.T.
a Pine 10 ins. in diam.
bears N 74° E 14 lts. dist.
Marked $\frac{1}{4}$ S 1 B.T.
- 44.00 Ridge bears N and S.
Descend
- 53.00 Gulch 100 ft. deep corner ^{S. E.}
Ascend
- 80.32 The cor. of Secs. 1-2-11-12
Sand Mountains

T19N. R5E.

Soil 4¹/₂ rate.Timber Pine and east
mountainous and heavily
timbered land 80 32 chN 0° 1' W on a random line
bet. Secs. 1 and 2.4000
79.17
Set temp 1/4 sec. cor79-52 Intersect N. bdy. of the 1/4.
10⁴⁶ lks. ^{E.} N. of the cor of Secs.1-2-35-36 a malpais
stone 6 x 8 x 5 ins aboveground firmly set - and
properly marked and
witnessed

Since I run

S 0° 3' N. on a true line bet.

Secs 1- and 2

Over mountainous land
through heavy timber

Subdivision of

3-00 descend

31-50 Gulch 30 fts. wide Course $575^{\circ}E$

Ascend

~~39.12~~
~~39.52~~ set a sandstone $16 \times 10 \times 8$ ins,
 11 ins in the ground for $\frac{1}{4}$
 Sec. cor marked $\frac{1}{4}$ on N face

From which

a Pine ³⁰ 38 ins in diam
 bears ⁷⁴ $45^{\circ}E$ ⁷⁰ 32 fts. dist.

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

a Pine ³⁰ 24 ins. in diam.
 bears ⁷¹ $65^{\circ}W$ ⁷⁵ 32 fts. dist

marked $\frac{1}{4} S 2 B.T.$

48-00 Ridge bears S-E. & N.W.
 Descend

~~39.12~~
~~39.52~~ The cor of Secs
 1-2-11-12

Sound Mountainous

Sail at ^{the} rate

Timber Pine

T 19 N., R 5 E.

Mountainous and heavily
timbered land ~~79.52~~^{79.12} chs

November 27th 1902

Nov. 28, at 8 a.m. m.p. I set off 85th 4th W on the lat. arc, 21-10' S. over
the decl. area and determine a true meridian with the solar

at the cor. of Sec.

10-11-14 and 15, and run

N 01' W. bet Sec. 10 and 11

Over mountainous land
through heavy timber
Descend

3.00 Bottom of descent
Ascend

72.00 Ridge bears E and W
Descend

40.00 Set a Malpais stone 18x8x6 ins.
12 ins. in the ground for 1/4
sec cor. Marked 1/4 on W face
From which

a Pine 12 ins. in diam.
bears N 83° E 76 1/2' dist.

Subdivision of

Marked $\frac{1}{4}$ S 11-B.T.

a Pine 16 ins in diam,
bears N 87° W 66 lds. dist.

Marked $\frac{1}{4}$ S. 10 B.T.

4 2-50 Ascend

8 a. 00 Set a Malpais Stone 20x14x6
ins. 15 ins in the ground for
con. of Sec. 2-3-10 and 11

Marked with 5 notches on S
and 2 notches on E edges

From which

a Pine 10 ins. in diam,
bears N 15° E 46 lds. dist.

Marked T19N R5 E S 2 B.T.

a Oak 10 ins in diam,
bears S 57° E 38 lds. dist.

Marked T19N R5 E S 11 B.T.

a Pine 12 ins in diam.
bears S $26\frac{1}{2}^{\circ}$ W. 42 lds. dist.

Marked T19N R5 E S 10 B.T.

T. 19 N., R. 5 E.

A Pine 20 ins in diam
bears $N 73^{\circ} W$ 90 lks. dist.

Marked T. 19 N. R. 5 E. 53 B.T.

Land broken

Soil 4th rate

Timber Pine some Oak
Heavily timbered land to the

See corrections

East on a random line
bet Secs 2 and 11-

40-00

Set temp. 1/4 cor.

80-04

Intersect the N and S line

79.56

^{35 lks S}
5 lks. N. of the cor. of sec.

1-2-11 and 12

Thence I run

^{305 45 W}
 $N 89^{\circ} 58' W$ on a true line
bet. Secs. 2 and 11

Over mountainous land
through heavy timber
ascend

Subdivision of

- 4.00 Descend gently
- 18.50 Wash 40 L wide course S 70° W
Ascend
- 23.00 Ridge 65 ft above wash
bears N E and S. W.
Descend
- 36.00 Gulch 100 ft deep course S 15° E
Ascend
- 40.02
39.78 A large sandstone 24 x 14 x 5 ins.
18 ins in the ground for 1/4 cor.
Marked 1/4 on N face from which
a Pine 18 ins. in diam.
bears N 8 1/2° E 42 ft. dist.
Marked 1/4 S 2 B.T.
a Pine 16 ins. in diam.
bears S 22 1/2° E 20 ft. dist.
Marked 1/4 S 11 - B.T.
- 56.00 Top of Ridge bears S E and N W.
Descend
- 57.50 Ascend

T19N. R5E.

67.00 Ridge bears S.E. and N.W.
Descend

~~80.04.~~ The cor. of Secs. 2-3-10 and 11

79.56

Sand Mountainous

Sail of rate

Timber Pine

Mountainous and heavily
timbered land ~~80.04~~ ^{79.56} chs

See connections

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

40.00 Set temp 1/4 Sec. cor

80.36 Intersect the N bdy. of the

80.75

Sp. ⁴⁷ 52, Sds. ^E W. of the cor. of Secs.

2-3-~~10~~ ³⁴ and ³⁵ which is

a malpais stone 6 ins

above ground set by me

Thence I run

~~50.21~~ ^{50.21} E

50.21' # on a true line

Subdivision of

- on a true line but Secs
2 and 3.
- Over Mountains was land
Through heavy timber
- 3.00 Descend
- 31.10 Fence bears E and W.
enter enclosure.
- ~~40.36~~
40.25 set a sandstone 18x10x6 ins.
12 ins in the ground for $\frac{1}{4}$
Sec. cor. marked $\frac{1}{4}$ on W
face
- Dig pits 24x24x12 ins.
N and S. of cor 3 ft dist.
and raise a mound of earth
3 ft base $1\frac{1}{2}$ ft high N. of cor.
- 43.00 Gulch 50 S wide covers 5000.
Ascend
- 74.80 Fence bears E and W
leave enclosure
- ~~80.25~~
~~80.36~~ The cor. of Secs 2-3-10 and 11

TIGN, R 5 E

Land mountainous

Sail 3^d and 4th rateTimber Pine some oak
mountainous and heavily
timbered land ~~80.36~~^{80.25} chNovember 28th 1902

✓ Nov. 29. at 8^h 15^m a.m. l.m.t. I set off 35° N on the lat arc, 21° 21' S on
the decl. arc and determined the meridian with the solar
at the cor. of Secs.

3-4-33 and 34 on the S.

body of the Sp. and ran

N 0° 2' W. bet Secs 33 and 34

over mountainous land

through heavy timber

Ascend

8.50 Top of ridge on E side of canon

200 ft. above sea cor

Descend along E side of
canon.31.50 Bottom of side canon 300 ft
deep course S. W

Route setting
mistaken

7° W

Subdivision of

Ascend

40.00 Set a Limestone 18x8x5 ins
 12 ins. in the ground for $\frac{1}{4}$
 Sec. cor marked $\frac{1}{4}$ on W face
 From which

a Pine 14 ins in diam
 bears N 19° E 40 lds. dist.

marked $\frac{1}{4}$ 5 34 B.T.

a Pine 12 ins in diam.
 bears N $45\frac{1}{2}^{\circ}$ W 24 lds. dist.

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

42.50 Ridge slopes S.W

Descend

49.00 Bottom of Cañon 400 ft deep
 course S 20° W.

Ascend

67.00 Top -

80.00 Set a Sandstone 24x12x8 ins.
 18 ins. in the ground for cor
 of Secs 27-28. 33 and 34

T 19 N, R 5 E.

Marked with 1 notch on S.
and 3 notches on E edge
From which

a Pine 18 ins. in diam.

y bears N 64 $\frac{1}{4}$ E 32 lks. dist.

Marked T 19 N R 5 E S 27 B.T.

a Pine 18 ins. in diam.

bears S 84 $\frac{1}{2}$ E 22 lks. dist.

Marked T 19 N. R. 5 E S 34 B.T.

A Pine 18 ins. in diam.

bears S 1° W. 9 lks. dist.

Marked T 19 N. R 5 E S. 33 B.T.

A Pine 14 ins. in diam.

bears N 51 $\frac{1}{2}$ W 13 lks. dist.

Marked T 19. N. R 5 E S 28 B.T.

Sand Mountainsous

Soil 4 $\frac{1}{2}$ rate

Timber Pine and oak
Mountainsous and heavily
timbered land 80,000 ch

Subdivision of

- East on a Random line
bet. Secs 27 and 34
- 10.00 Set temp $\frac{1}{4}$ sec. cor
- 79.68 Intersect the N and S lines at
the cor of Secs 26-27 34 and 35
Thence I run
West on a true line bet Secs
27 and 34
over Mountains and
through heavy timber
Descend
- .50 Gulch 70 fts wide course S. W.
ascend
- 2.00 Descend
- 9.00 Gulch 50 fts. wide course
S. # E
ascend
- 35.00 Top. 100 ft. above gulch
- 39.84 Set a Sandstone 16x10x8 ins.
11 ins. in the ground for $\frac{1}{4}$

T. 19 N. R. 5 E.

Sec. cor marked $\frac{1}{4}$ on N face
from which

A Pine 10 ins. in diam.
bears N $15\frac{1}{2}$ E, 32 lks. dist,
marked $\frac{1}{4}$ S 27. B.T.

A Pine 8 ins in diam.
bears S $41\frac{1}{2}$ N 25 lks. dist.
marked $\frac{1}{4}$ S 34 B.T.

44.00 Descend

49.00 Gulch 60 ft deep course N 65° E
Ascend

49.10 Fog fence enclosing the
Barney pasture bears N 65° E
565-W
leaving enclosure

53.00 Top of ascent
Descend

57. Gulch 50 lks wide course S 80 W
Ascend

70. Top.

79.68 The cor. of Secs 27-28-33 X 34

Subdivision of

Sand mountainous

Soil 3^d rate

Timber Pine

Mountainous and heavily
timbered land 79.68 chs

November 29, 1902

Nov. 30. at 8^h 10^m a.m. l.m.t. set off 35° 2' N on the lat. arc; 21° 31' S
on the def. arc, and determine a true meridian with
the solar and sun

Kuta settings omitted

No. 27. bet Secs 27 and 28

over rolling land

Through heavy timber

34.00

Ascend

40.00

Set a sandstone 16 x 8 x 6 ins.

11 ins in the ground for $\frac{1}{4}$ seccor marked $\frac{1}{4}$ on W face

From which

are Cap 8 ins in diam.

bears S. 47 $\frac{1}{2}$ ° E. 22 lts. dist.Marked $\frac{1}{4}$ S 27 B.T.

A Pine 36 ins in diam.

bears S 40 $\frac{1}{2}$ ° N 26 lts. dist.

T19N, R5E

Marked $\frac{1}{4}$ S 28 B.T.

59.00 Bottom of descent

60.75 Trail bears E and W.

61.00 Ascend

66.00 Top.

Descend

68.00 Bottom

68.20 Trail bears E and W.

69.00 Ascend

73.00 Top.

80.00 Dit a Sandstone $20 \times 12 \times 6$ ins.15 ins. in the ground for cor.
of Secs. 21-22-27 and 28Marked with 2 notches on S. and
3 notches on E. edges. From which
a Pine 30 ins in diambears N 53° E 56 lvs. dist.

Marked T19N R5E S 22 B.T.

a Pine 24 ins. in diam,
bears S 65° E 42 lvs. dist.

Subdivision of

Marked T19N-R5E S 27-B.T.

A Pine 24 ins. in diam.

bears S 88 N. 40 Ws. dist.

Marked T19N-R5E S 28 B.T.

A Pine 20 ins in diam.

bears N 37 1/2 W. 37 Ws. dist.

Marked T19N-R5E S 21 B.T.

Land Broken

Soil 3rd rate

Timber Pine

Heavily timbered land

80.00 chs.

East on a random line
but Secs. 22-27.

40 00 Set terrace 1/4 Sec. cor

79.73 Intersect N and S. line 32
Ws. N. of the cor. of Secs
22-23, 26 and 27

Thence I run

T 19 N, R 5 E

N 89° 46' W on a true line
 bet Secs. 27 and 27
 over mountainous land
 through heavy timber
 ascend

- 3.00 Top of ascent
- 9.60 Top fence enclosing Barney
 pasture bears N 17° E and S 17° W
 leave enclosure.
- 13.00 Descend
- 19.00 Bottom of descent
- 28.40 Road bears S, E and N, N,
- 39.86½ Hit a sandstone 18 x 10 x 6 ins.
 12 ins. in the ground for ¼ sec
 cor. marked ¼ on N. face from which
 a pine 8 ins. in diam.
 bears N 45 ¼° E 45 lbs. dist.
 marked ¼ S 22 B.T.
 a pine 12 ins. in diam.
 bears S 10° E 49 lbs. dist

Subdivision of T. 19 N., R. 5 E.

	Marked 14527 B.T.
49.00	Ascend
52.75	Bottom of descent ascend
79.73	The cor. of Secs 21-27-27-28 Land mountainous Soil 3 ^d rate Timber Pine mountainous and heavily timbered land 79.73 chs November 30 th 1902

Notes continued in Book 309

BOOK 308