

SUBS.

T. 18 N. R. 6 E.

~~No. 1~~

Book H.

No. 238

4-671

BOOK 238

238

FIELD NOTES  
GENERAL LAND OFFICE.

No. 238

MAY 4 1907

8

No-238

BOOK 238

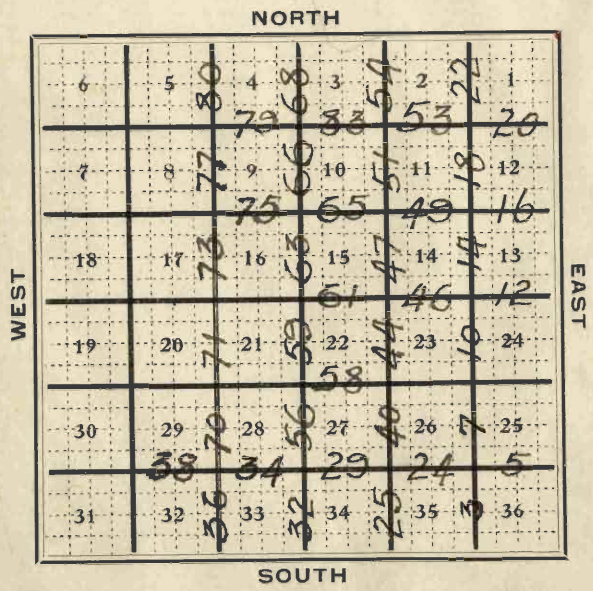
Field Notes  
of the survey of the  
Subdivisions  
of  
Township No. 18 North,  
Range No. 6 East  
of the  
Gila and Salt River  
Base and Meridian  
in the  
Territory of Arizona,  
as surveyed by  
W. Oscar Deeer  
U. S. Deputy Surveyor  
Under his contract No. 102  
Dated June 30<sup>th</sup>, 1902.

Survey commenced Jan 1 1904  
" completed Jan 15 1904

Names and duties of assistants.

A. G. Johnson Chainman  
 F. M. Lockwood "  
 H. K. Ward. Flagman.  
 C. J. Schwartz Asman.

Township..... Range.....  
 Index for Books 238 and 239  
 County.....



PRELIMINARY OATHS OF ASSISTANTS.

We, *A. G. Johnson*  
and *J. M. Lockwood*

do 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 *Exterior and subdivision lines of Tps. 17 N. R. 5 E.; and Tp. 18 N. R. 6 E.*

BOOK 238

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

*A. G. Johnson*, Chainman. ✓  
*J. M. Lockwood*, Chainman. ✓  
Chainman.

Subscribed and sworn to before me this *30th* day of *Dec*, 190*2*.

[SEAL.]

*W. M. ...*  
Notary Public.

We, 15 N. 11 W. 11 E. 11 S.

and C. J. Schwartz

1C

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 and Exterior  
lines of Tps. 17 N., R. 5 E. and 18 N., R.  
6 E. of the Gila and Salt River Base  
and Meridian

BOOK 238

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

H. H. Brand, Flagman. ✓  
C. J. Schwartz, Axman. ✓  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Axman.

Subscribed and sworn to before me this 30<sup>th</sup> day

of Jan Dec, 1903

W. J. [Signature]  
Notary Public.

1D At 3<sup>h</sup> p.m. l.m.t. I set off  $23^{\circ}02'5''$  on the  
decl. arc;  $34^{\circ}53'$  N. on the lat. arc; and determin  
a true meridian with the solar and mark  
point thereof on a stone firmly set in the  
ground about 5 chs. N. of my station.

BOOK 238

# Subdivisions of T<sub>p</sub>. 18

Survey commenced  
 Jan. ~~2<sup>d</sup>~~<sup>1<sup>st</sup></sup>, 1904, and executed with  
 a Buff and Berger Engineer's  
 transit, No. 672, the horizontal  
 limb having two double verniers  
 placed opposite to each other,  
 and reading to 30" of arc.

The instrument was  
 examined and approved by the  
 Surveyor General for Arizona,  
 at Phoenix, Arizona.

At my camp near the  
 cor. of T<sub>p</sub>s. 17 and 18 N., R<sub>s</sub>. 6 and  
 7 E., in latitude  $34^{\circ} 54'$  <sup>long.  $111^{\circ} 39'$  W.</sup> N. at 6. <sup>h.</sup>  
<sup>Jan. 2, 1904</sup> 40<sup>m</sup> p.m. I observe Polaris at  
 upper culmination, in accordance  
 with instructions in the Manual,  
 and mark the line thus determined  
 by a cross cut in a stone firmly

N., R. 6 E.

set in the ground at about 5 chs. N. of my station.

The magnetic bearing of the true meridian at 8<sup>h</sup> a.m. l.m.t. is N. 14° 00' N.; the angle thus determined gives the magnetic declination 14° 00' E.

Jan 3<sup>d</sup>, 1904, at 8<sup>h</sup> a.m., l.m.t., I set off 22° 52' D. on the decl. arc; 34° 54' N. on the lat. arc; and determine a true meridian with the solar, which defines a point 0.2 inch E. of the meridian established by the Polaris observation.

I therefore conclude my solar apparatus to be in good adjustment.



13

238

BOOK

3A

Pins 8 ins. diam. bears N.  $26^{\circ}30'$  W. 129

lbs. dist. marked J. 18 N. R. 6 E. S. 25 <sup>B. J.</sup>

Pins 24 ins. diam. bears S.  $28^{\circ}$  W. 58

lbs. dist. marked J. 18 N. R. 6 E. S. 36 B. J.

## Subdivisions of

I repair to the cor. of  
secs. 29 and 32, on the E. bay, the  
markings of which I change to  
refer to 25 and 36 also. ~~thus~~

~~See sketch~~ Thence I run N. on a  
blank line bet. secs. 25 and 36,  
setting temp.  $\frac{1}{4}$  sec. cor. at 40 chs  
and temp. sec. cor. at 80 chs.

From the cor. of secs. 35  
and 36 on the S. bay, I run N.  
on a blank line bet. secs. 35 and  
36, and at 81.07 chs. I intersect  
E and N. line 55 lks. E. of temp.  
cor. previously set by me, at  
which intersection point set a

Malpais 18 x 12 x 6 ins. in  
for cor. of secs. 25, 26, 35, 36 marked  
1 notch on S and 1 notch on E. ~~from~~ edges  
a md. of stone from which

An Oak 8 ins. diam. bears  
N. 50° E., 175 lks. dist. marked  
T. 18 N. R. 6 E. S. 25 B. T.

Tp. 18 N. R. 6 E.

Cedar, 10 ins. diam. bears  
 S.  $40^{\circ}$  E. 196 lks dist. marked  
 T. 18 N. R. 6 E. S. 36 B. T.

Cedar 12 ins. diam. bears.  
 S.  $20^{\circ}30'$  N. 258 lks dist. marked.  
 T. 18 N. R. 6 E. S. 35 B. T.

Cedar 10 ins diam. bears.  
 N.  $33^{\circ}35'$  N. 160 lks. dist. marked  
 T. 18 N. R. 6 E. S. 26 B. T.

Fence Run.

S. on a true line bet. sec.  
 35 and 36.

Through dense pine and cedars.

40.00 Set a malpais  $24 \times 18 \times 6$  ins  
 in a md. of stone for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on W. face  
 from which

A juniper 24 ins. diam. bears

## Subdivisions of

N.  $77^{\circ} 30'$  W. 273 lks. dist. marked. $\frac{1}{4}$  S. 35 B. T.

Juniper 18 ins. diam. bears

S.  $52^{\circ}$  E. 282 lks. dist. marked. $\frac{1}{4}$  S. 36 B. T.

81.07 The cor. of secs 35 and 36  
 Land rolling mesa 81.07 chs.  
 Dense pine, cedars and  
 juniper 81.07 chs.  
 Dense brush 81.07 chs.  
 Soil rocky. 4<sup>th</sup> rate.

I now return to cor. of  
 secs. 25, 26, 35 and 36, and  
 run E. on a true line  
 bet. secs. 25 and 36.

Over mountainous land  
 through dense timber

40.00 Set Malpais 16 x 16 x 8 ins

Sp. 18 N. P. 6 E.

in a md. of stone for  $\frac{1}{4}$   
sec. cor., marked  $\frac{1}{4}$  on N.  
face. from which  
A piece 24 ins. diam. bears  
N. 4° E. 28. lks. dist. marked  
 $\frac{1}{4}$  S. 25 B. T.

A piece 18 ins diam. bears  
S. 5° N. 141 lks. dist. marked  
 $\frac{1}{4}$  S. 36 B. T.

79.45 The cor. of secs. 25, 29, 32  
and 36.

Land mountainous 79.45 Chs.  
Dense timber, pines and  
junipers 79.45 Chs.  
Soil rocky. 4<sup>th</sup> rate.

Jan. 3<sup>d</sup>, 1904

7  
Subdivisions of

Jan. 4<sup>th</sup> at 9 a.m. l.m.t. I  
set off  $22^{\circ}47'S$  on the decl. arc;  
 $34^{\circ}55'N$  on the lat. arc; and  
determine a true meridian with  
the solar at the cor. of secs. 25, 26  
35 and 36. thence I run.

N. on a true line bet.  
secs. 25 and 26.

Over mountainous lands  
through dense pine and cedar.

40.00 Set a malpais  $20 \times 12 \times 6$  ins  
in a rnd. of stone for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N.  
face from which.

A pine 12 ins. diam. bears  
 $S. 40^{\circ} N. 112$  lks. dist. marked  
 $\frac{1}{4} S. 26 B. T.$

A juniper 24 ins. diam. bears  
 $S. 86^{\circ} E. 140$  lks. dist. marked

Sp. 18 N. P. 6 E.

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

59.58 Edge of vertical bluff of  
E. Fork of Oak Creek bears  
E and N.

Set a malpais 20 x 10 x 8 ins.  
in md. of stone. marked.

N. P. on W. face, with md.  
of stone N. of point, from which  
a spruce 10 ins diam. bears  
N. 50° N. 63 lks. dist. marked.

N. P. B. T.

A cedar 12 ins. diam. bears.

S. 85° E. 33 lks. dist. marked.

N. P. B. T.

As it is impossible to chain  
N. from this point I place  
a flag on the N. side of the  
cañon, and being unable  
to measure a sufficient

Subdivisions of

base line on the S. side  
I place a flag at N. P. and  
proceed to flag on N. side  
of cañon. I measure

a base N.  $69^{\circ} 16' E$ , 1255 ft.  
to a pt. from which the  
flag on S. side bears  
S.  $17^{\circ} 11' N$ , therefore the  
angles in order of meas-  
urement are.

$$\begin{array}{r} 110^{\circ} 44' \\ 52^{\circ} 05' \\ \underline{17^{\circ} 11'} \\ 180^{\circ} 00' \end{array}$$

Sine  $52^{\circ} 05' \times 1255 =$  dist. to flag.

Sine  $17^{\circ} 11'$

A. C. Log. sine  $17^{\circ} 11' = .529545$

Log sine.  $52^{\circ} 05' = 9.897025$

log 1255 = 3.098644

Log 3351 13.525214

Therefore the distance bet.



Sp. 18 N. P. 6 E

the flag is 3351 ft.  $\pm$  50.76  
chs. These angles were  
the best obtainable.

The flag on N. side of  
cañon is 5.00 chs. N. of edge  
of ruin of E. Fork Oak Creek  
which bears E and N.

Set a malpais 16 x 12 x 6 ins  
in md. of stone for W. P.  
marked N. P. on W. face, with  
md. of stone N. of pt. No  
trees, Pits impracticable.

Therefore proceed  
N. bet. secs. 23 and 24.

9.66 Set a malpais 30 x 8 x 6 ins  
in a md. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face  
from which  
a juniper 8 ins. diam. bears

## Subdivisions of

S. 67° E. 34 lks. dist. marked.

1/4 S. 24 B. T.

A juniper 24 ins. diam. bears

N. 88° W. 80 lks. dist. marked.

1/4 S. 23 B. T.

49.66

Malpais 24 x 14 x 7 ins. in  
md. of stone for cor. to secs.

13, 14, 23 and 24. marked with

1 notch on E. and 3 notches

on S edges with md. of stone

<sup>3ft base 1 1/2 ft. high</sup>  
N. of cor. from which

A juniper 10 ins. diam. bears

S. 28° E. 130 lks. dist. marked.

T. 18 N. A. 6 E. S. 24 B. T.

A juniper 16 ins. diam. bears

S. 41° N. 170 lks. dist. marked.

T. 18 N. R. 6 E. S. 23 B. T.

A juniper 8 ins. diam. bears

N. 85° 30' E. 100 lks. dist. marked.

Tp. 18 N. R. 6 E.

T. 18 N. R. 6 E. S. 13 B. T.

No other trees in distance

Pits impracticable.

Land mountainous 160.00 chs.

Pine, cedar and juniper 160.00 chs.

Dense brush. 160.00 chs.

Soil rocky. 4<sup>th</sup> rate.

E. on a tree line bet. sec.

13 and 24.

Over rolling mesa.

40.00 Set a malpais 17 x 12 x 6 ins.  
in a md. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face  
from which

a pine 30 ins. diam. bears  
N. 73° E. 127 lks. dist. marked  
 $\frac{1}{4}$  S. 13 B. T.

An oak 6 ins. diam. bears

## Subdivisions of

S. 60° E. 62 lks. dist. marked.

1/4 S. 24 B. T.

75.79

Intersect E. bay. of Tp. 108 lks.  
N. 1° 08' N. of cor. of secs. 17 and  
20, markings of which I  
change to refer to E. secs. only.

Set a malpais 18 x 14 x 5 ins.  
in a md. of stone for C. C. to  
secs. 13 and 24. Marked with  
3 notches on N. and S. ~~faces~~  
and C. C. on N. face.  
from which.

A pine 18 ins. diam. bears  
S. 69° N. 198 lks. dist. marked.

T. 18 N. R. 6 E. S. 24 C. C. B. T.

A pine 26 ins. diam. bears

N. 80° 30' N. 176 lks. dist. marked.

T. 18 N. R. 6 E. S. 13. C. C. B. T.

Land rolling. 75.79 chs.

Tp. 18 N. R. 6 E.

14

Dense pines, cedars & junipers <sup>the</sup> 75.79  
 Soil rocky, 4<sup>th</sup> rate.  
 Jan. 4<sup>th</sup>, 1904.

✓ Jan. 5<sup>th</sup>, 1904. At 9 a.m. l.m.t.  
 I set off  $22^{\circ}41'31''$  S. on the decl. arc;  
 $34^{\circ}57'$  N. on the lat. arc; and  
 determine a true meridian with  
 the solar at the cor. of secs. 13, 14, 23  
 and 24, thence I run.

N. bet. secs. 13 and 14.

Over rolling mesa.

Through dense pine & cedars.

40.00 Set a malpais  $30 \times 14 \times 6$  ins  
 in a ma. of stone for  $\frac{1}{4}$   
 sec. cor. marked.  $\frac{1}{4}$  on N.

face. from which

a pine 22 ins. diam. bears.  
 S  $83^{\circ}$  E. 87 lks. dist. marked.

T. 18 N., R. 6 E.

 $\frac{1}{4}$  S. 13 B. T.

A pine 18 ins. diam. bears

S.  $83^{\circ}$  N. 108 lks. dist. marked. $\frac{1}{4}$  S. 14 B. T.

60.00 Gueck course S. N. ascend.

80.00 Set a malpais 18 x 16 x 6 ins.  
in a md. of stones for cor.  
to pccs. 11, 12, 13 and 14. marked  
with 1 notch on E. and 4 notches

on S edge. from which

A pine 16 ins diam. bears

N.  $18^{\circ}$  E. 35 lks. dist. marked

T. 18 N. R. 6 E. S. 12 B. T.

A pine 10 ins. diam. bears

S.  $64^{\circ}$  N. 68 lks. dist. marked.

T. 18 N. R. 6 E. S. 14 B. T.

A pine 18 ins. diam. bears

N.  $78^{\circ}$  N.  $93^{\circ}$  lks. dist. marked.

T. 18 N. R. 6 E. S. 11 B. T.

T. 18 N., R. 6 E.

An oak 10 ins diam. bears

S. 8° E. 58 lks. dist. marked.

T. 18 N. R. 6 E. S. 13 B. T.

Land rolling 80.00 chs.

Dense pine and cedar. 80.00 chs.

Dense brush. 80.00 chs.

Soil rocky, 4<sup>th</sup> rate.

E. on a true line bet.

secs. 12 and 13.

Over rolling mesa.

Thro' dense pine & cedars.

40.00 Set a melpais 20 x 14 x 4 ins.

in a md. of stone for 1/4

sec. cor. marked 1/4 on N.

face. from which

a pine 8 ins diam. bears

S. 30° E. 40 lks. dist. marked.

1/4 S. 13 B. T.

17

Subdivisions of  
An oak 8 ins diam. bears  
N.  $79^{\circ}$  E. 7 lks. dist. marked  
 $\frac{1}{4}$  S 12 B. T.

75.01 Intersect E. bdy. 129 lks. N.  
of cor. of secs. 8 and 17, markings  
of which I change to refer to  
E. secs. only.

Set a malpais  $16 \times 14 \times 6$  ins  
in a md of stone for C. C. to  
secs. 12 and 13, marked with  
4 notches on S and 2 on N. Edges  
and C. C. on N. face, from which  
A pine 20 ins. diam. bears  
N.  $12^{\circ}$  W. 219 lks. dist. marked  
T. 18 N. R. 6 E. S. 12 C. C. B. T.  
There being no other trees in  
limits I build md. <sup>of stone  $3\frac{1}{2}$  high  $1\frac{1}{2}$  diam</sup> to N. of  
cor. Pits impracticable  
Land rolling 75.01 chs.



Tp. 18 N. R. 6 E.

Stump pine, juniper, cedars  
and oak brush. 75.01 chs.  
At this cor. <sup>at road 555 m.</sup> set off  $22^{\circ}$   
 $41'$  S. on the decl. arc;  
and observed the sun on  
the meridian, the result-  
ing lat. is  $34^{\circ}58'N$ .

Non true line bet. secs.  
11 and 12.

40.00 Set a malpais  $18 \times 16 \times 8$  ins  
in a md. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face  
from which

An oak 12 ins. diam. bears  
S.  $88^{\circ}N$ . 45 lks. dist. marked.  
 $\frac{1}{4}$  S. 11 B. T.

A pine 16 ins. diam. bears  
N.  $66^{\circ}E$ . 29 lks. dist. marked.

19

T. 18 N., R. 6 E.

 $\frac{1}{4}$  S. 12 B. T.

80.00

Set a Malpais 20 x 10 x 6 ins  
in a md. of stone for cor  
to secs. 1, 2, 11 and 12. marked  
with 1 notch on E. and 5  
notches on S. sides, from which

A pine 26 ins diam. bears  
S  $82^{\circ} 30'$  E. 63 lks. dist. marked.  
T. 18 N. R. 6 E. S. 12 B. T.

A pine 12 ins diam. bears  
N.  $57^{\circ} E$ . 109 lks. dist. marked.  
T. 18 N. R. 6 E. S. 1 B. T.

A pine 20 ins diam. bears.  
N.  $68^{\circ} 30'$  W. 52 lks. dist. marked.  
T. 18 N. R. 6 E. S. 2 B. T.

A pine 12 ins diam. bears  
S  $24^{\circ} 30'$  W. 145 lks. dist. marked.  
T. 18 N. R. 6 E. S. 11 B. T.

Land mountainous 80.00<sup>chs</sup>

T. 18 N., R. 6 E.

Dense pines + junipers 8000 chs.  
 Dense brush 8000 chs.  
 Soil rocky. 4<sup>th</sup> rate.

E. on a true line bet.  
 sec. 1 and 12.

Over mountainous lands  
 Through dense pines + oaks.

14.00 Wash, course N. N. ascend.

36.00 Top of ridge bears N + S. descend.

40.00 Set a malpais 20 x 8 x 8 ins  
 in a md. of stone for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face.  
 from which

An oak 8 ins. diam. bears  
 N.  $10^{\circ}$  E. 34 lks. dist. marked.  
 $\frac{1}{4}$  S. 1 B. T.

A pine 12 ins. diam. bears  
 S.  $58^{\circ}$  E. 44 lks. dist. marked.

# Subdivisions of 1/4 S. 12. B. T.

- 64.00 Wash. course S. 30° E.
- 65.50 Road to Flagstaff bears  
N. and S.
- 74.06 Intersect E. bdy. of Tp. 109  
lks. N. 0° 24' E. of cor. of secs.  
5 and 8, the markings of which  
I change to refer to E. secs. only.  
Set a malpais 22 x 16 x 10 ins.  
in a md. of stone, for C. C.  
to secs. 1 and 12, marked with  
1 notch on N. and 5 on S. edge  
and C. C. on N. face from which  
A pine 28 ins. diam. bears  
S. 63° N. 58 lks. dist. marked  
T. 18' N. R. 6 E. S. 12 C. C. B. T.  
A pine 10 ins. diam. bears  
N. 47° N. 133 lks. dist. marked  
T. 18' N. R. 6 E. S. 1 C. C. B. T.

T. 18 N. R. 6 E.

Land mountainous 74.06 chs.  
 Dense pine and oak 74.06 chs.  
 Soil rocky, 4<sup>th</sup> rate.

N. on true line bet. secs.  
 1 and 2.

Over mountainous lands  
 Thro. dense pines & oak.

11.95 Road bears N. 60° E. & S. 60° W.

40.00 Set a malpais 18 x 12 x 6 ins  
 in md. of stone for 1/4 sec.  
 cor. marked 1/4 ~~on~~ on N. face.  
 from which.

All oak 10 ins diam. bears  
 S. 13° W. 129 lks. dist. marked.

1/4 D. 2 B. T.

All oak 6 ins diam. bears  
 S. 72° E. 61 lks. dist. marked.

1/4 D. 1 B. T.

T. 18 N., R. 6 E.

79.96 Intersect N. bay. of tp 522 lks.  
 S. 89° 55' E. of cor. to secs. 35 and  
 36, the markings of which  
 I change to refer to N. secs.  
 only.

Set a malpais 22 x 16 x 5 ins.  
 in a md. of stone for c. c. of  
 secs. 1 and 2, marked with  
 1 notch on E and 5 notches on  
 N. edges, and c. c. on S. face.  
 from which

A pine 18 ins. diam. bears  
 S. 78° N. 74 lks. dist. marked  
 T. 18 N. R. 6 E. S. 2 c. c. B. T.

A pine 13 ins. diam. bears  
 S. 52° E. 21 lks. dist. marked.  
 T. 18 N. R. 6 E. S. 1 c. c. B. T.

Land mountainous 79.96 chs.  
 Dense pine & oak. 79.96 chs.

T. 18 N. R. 6 E.

Soil rocky, 4<sup>th</sup> rate. 79.96 chs.  
Jan. 5<sup>th</sup> 1904.

Jan 6<sup>th</sup> 1904, At 9 a.m. l.m.t.  
Set off  $22^{\circ}35'$  on decl. arc,  
 $34^{\circ}55'$  on the lat. arc, and  
determine a true meridian with  
the solar at the cor. of secs. 25, 26,  
35, and 36, thence I run.

N. on a true line bet.  
secs. 26 and 35.

Over mountainous lands  
Through dense brush.

40.00 Set a malpais  $18 \times 14 \times 8$  ins.  
in a 'nd. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face  
from which

A pinion 8 ins. diam. bears  
N.  $47^{\circ}$  E. 52 lks. dist. marked.

25

Subdivisions of  
1/4 S. 26 B. T.

Near 10 mi. diam. bears  
S. 54° E. 98 lks. dist. marked

## 1/4 S. 35 B. T.

80.00 Set a malpais 16x12x10 mi.  
in a rnd. of stone for cor.  
to secs. 26, 27, 34 and 35.  
marked with 2 notches on  
E. and 1 notch on S. edges  
with rnd. of stone N. of  
cor. <sup>3 ft. face 1 1/2 ft. high</sup> No trees in distance.

Pits impracticable

Land mountainous 80.00 chs.

Dense brush 80.00 chs.

Soil rocky. 4<sup>th</sup> rate

S. 0° 01' E. on a true line  
bet. secs. 34 and 35.

Through dense brush



Tp. 18 N. R. 6 E.

26

- Over mountainous land.
- 40.00 Set a malpais 16x12x8 ins. in a md. of stone for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face with md. of stone <sup>2 ft. base  $1\frac{1}{2}$  ft. high</sup> N. of cor. from which
- A juniper 30 ins diam bears N.  $38^{\circ}$  W. 111 lks. dist. marked  $\frac{1}{4}$  S. 34 B. T. *No other trees in limits. Puts Imp. ra etc. etc.*
- 64.50 Edge of mesa bears E. & N. descends abruptly.
- 85.22 Intersect S. bay. 360 lks. S.  $86^{\circ}12'$  W. of old cor. to secs. 34 and 35, the markings of which I destroy.
- Set a malpais 18x12x6 ins. in a md. of stone for l. l. to secs. 34 and 35 marked with two notches on E. and 4 notches

27

T. 18 N., R. 6 E.

on west edges, and C. C. on  
 N. face; and raised a  
 md. of stone <sup>3 ft. base  $1\frac{1}{2}$  ft high</sup> N. of cor.  
 No trees in distance.  
 Pits impracticable.

Snow repair to the cor. of  
secs. 27, 28, 33, and 34, the  
 markings of which I deface  
 Hence I run.

S.  $88^{\circ}50'$  N.

20.18  $\frac{1}{2}$  Set a malpais  $20 \times 14 \times 8$  in  
 in a md. of stone for S. W.  
 cor. Thompson's claim,  
 marked. P. C.

Hence I run

N.  $50^{\circ}2'$  N.

40.00 Set a malpais  $17 \times 12 \times 5$  in  
 in a md. of stone for N. N.

Previously established by me as follows:  
 Set a malpais  $28 \times 14 \times 10$  in in the ground, for cor. to sec.  
 27, 28, 33 and 34, marked with matches at C. C. on west edges; from which  
 a line is run: thence by N.  $33^{\circ}50'$  W. 100 th. dist. to N.  $11^{\circ}15'$  E.  $248$  ft.  
 N.  $33^{\circ}50'$  W. 100 th. dist. to N.  $11^{\circ}15'$  E.  $248$  ft.  
 A line run, 120 th. dist. to N.  $11^{\circ}15'$  E.  $248$  ft.  
 A line run, 120 th. dist. to N.  $11^{\circ}15'$  E.  $248$  ft.  
 A line run, 120 th. dist. to N.  $11^{\circ}15'$  E.  $248$  ft.  
 A line run, 120 th. dist. to N.  $11^{\circ}15'$  E.  $248$  ft.

T. 18 N., R. 6 E.

cor. of Thompson's claim.  
marked P. 6.

Hence I return to old cor.  
of secs 27, 28, 33 and 34.

Hence I run.

N. 0° or N. along E side of  
Thompson's claim.

40.00 Set a malpais 18x14x8 ins  
in a md. of stone for N. E.  
cor. of Thompson's claim.  
marked P. 6. from which  
an oak 10 ins. diam. bears  
N. 85° E. 21 lbs. dist. marked  
P. 6.

an oak 6 ins. diam. bears  
N. 5° N. 46 lbs. dist. marked  
P. 6.

From this pt. I am able to  
see a flag placed at N. N.

29

Subdivisions of  
cor. of Thompson's claim  
which bears  $S 88^{\circ} 49' N$ .

I therefore run.

$S 88^{\circ} 49' N$  along N. bay of  
Thompson's claim.

8.00 Oak creek, course S.

20.23 The N. N. cor. of Thompson's  
claim.

Jan. 6<sup>th</sup> 1904.

Jan 7<sup>th</sup> 1904: At 9 a.m. l.m.t.  
I set off  $22^{\circ} 28'$  "S. on the decl. arc,  
 $34^{\circ} 55' N$  on the latitude arc; and  
determine a true meridian  
with the solar at the cor. of sec.  
26, 27, 34 and 35, - hence I run  
N. on a true line bet.  
secs. 27 and 34.

Over mountainous lands

Sp. 18 N. R. 6 E.

Through dense brush.

5.50 Edge bluff of E. fork of  
Oak Creek. bears N. 60° E.  
and N., at 5 chs. N. turns  
S. N. Descend abruptly.

40.00 Set a sandstone 16x12x6 ins  
in a md. of stone for 1/4 sec.  
cor. marked 1/4 S. on N. face  
and raised a md. of stone  
N. of cor. <sup>3 ft base 1/2 ft. high</sup> No trees in dist.

Pits impracticable.

58.10 Intersect E. line of  
Thompson's claim 15.60 chs  
N. 0° 2' N. of the S. E. cor. of  
same.

Set a malpais 20x16x8 ins.  
15 ins in ground marked  
C.C. on E. face. P.C. on N. face.  
From which

T. 18 N. R. 6 E.

All oak 14 ins. diam. bears  
N.  $34^{\circ}30'$  E. 33 lks. dist.  
marked C. C. P. C.

All oak 12 ins diam. bears  
S.  $73^{\circ}$  E. 146 lks. dist. marked  
C. C. P. C.

63.00 Oak Creek. course S. 175 lks.

78.28 Intersect N. line of  
Thompson's claim 15856 lks. N  $0^{\circ}2'$  W  
off S. W. Cor.

Set a malpais 18 x 12 x 5 ins  
in a md. of stone marked  
C. C. on N. and P. C. on E. faces.  
and built a md. of stone  
2 1/2 ft. base and 1 1/2 ft. high  
on N. side.

80.00 ~~Pits impracticable~~  
Set a malpais 20 x 12 x 5 ins.  
in a md. of stone for cor.  
to secs. ~~27, 28, 33~~  
~~28, 29, 32~~ and ~~33~~  
marked with 3 notches on E.

T. 18 N., R. 6 E.

and 1 notch on S. edges.  
and built a md. of stone  
N. of cor.,  $2\frac{1}{2}$  ft. base and  $\frac{1}{2}$   
ft. high.

No trees in distance

Pits impracticable.  
Land rolling, Dense brush 80.00 ch.  
Soil rocky. 4<sup>th</sup> rate.

S. 0° 01' E. bet. secs. 33<sup>rd</sup> & 34.

Along steep slope of mesa  
descending.

40.00 Set a malpais  $20 \times 8 \times 8$  ins.  
in a md. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face.  
and built a md. of stone  
3 ft. base  $\frac{1}{2}$  ft. high N. of cor.  
~~from which~~

An Oak 6 ins diam. bears  
S. <sup>58 $\frac{1}{4}$ °</sup> ~~60~~° E. <sup>44</sup> 80 lks. dist. marked.

$\frac{1}{4}$  S. 34 B. T. Pits Impracticable  
No other trees in dist.

33

## Subdivisions of

- 49.00 Foot of slope of mesa.
- 65.00 Oak Creek, 100 lks. wide,  
course S.  $10^{\circ}$  W.
- 91.40 Intersect S. bdy. 4.60 chs.  
S.  $74^{\circ} 23'$  W. of old cor. to secs.  
33 and 34, markings of  
which I deface.  
Set a sandstone  $18 \times 12 \times 6$  ins.  
in a md. of stone for C. C. to  
secs. 33 and 34 marked  
with 3 notches on E. and W.  
edges and C. C. on N. face.  
a pinion 6 ins diam bears  
N.  ~~$74^{\circ} 30'$~~  <sup>$74^{\circ}$</sup>  W. ~~161~~<sup>751</sup> lks. dist. marked.  
T. 18 N. R. 6 E. S. 33 C. C. B. T.  
a pinion 8 ins diam bears  
N.  ~~$47^{\circ} 30'$~~  <sup>$52^{\circ}$</sup>  E. ~~127~~<sup>153</sup> lks. marked.  
T. 18 N. R. 6 E. S. 34 C. C. B. T.  
Land mountainous 91.40 chs.  
Dense brush 91.40 chs.  
Soil rocky. if th rate.  
Jan. 7<sup>th</sup> 1904



T. 18 N. R. 6 E.

Jan 8<sup>th</sup>; At 9 a.m. l.m.t.  
 I set off  $22^{\circ} 20'$  S. on the decl. arc;  
 $34^{\circ} 55'$  N. on the lat. arc, and  
 determine a true meridian with  
 the solar at the cor. of secs. 27, 28,  
 33 and 34. thence I run.

N. on a true line bet.  
 secs. 28 and 33.

Over mountainous lands  
 Through dense brush.

35.00 Top of mesa, 1500 ft. above  
 Oak creek, bears N.  $10^{\circ}$  E. and  
 S.  $10^{\circ}$  N. at 5 chs. S. turns N.

40.00 Set a malpais  $17 \times 12 \times 10$  ins.  
 in a md. of stone for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face.  
 and built a md. of stones  
 3 ft. base and 2 ft. high N.  
 of cor.

35

T. 18 N. R. 6 E.

A cedar 18 ins. diam. bears  
N.  $71^{\circ} 30'$  E. 191 lks. dist. marked  
 $\frac{1}{4}$  S. 28 B. T.

At this point I offset N.  
4.20 chs, thence N.

23.00 Foot of bluff of higher mesa

28.50 Top of pt. of mesa 1000 ft.  
above lower mesa bears  
N.  $20^{\circ}$  E and N.

40.00 Set a malpais  $22 \times 12 \times 6$  ins.  
in a md. of stone for W. C. to  
secs. 28, 29, 32 and 33, marked  
with 4 notches on E. and 1  
notch on S. edges, W. C. on  
NE face from which a  
Pine 8 ins. diam. bears  
N.  $50^{\circ}$  N. 127 lks. dist. marked.  
W. C. T. 18 N. R. 6 E. S. 29 B. T.  
Pine 16 ins. diam. bears

T. 18 N., R. 6 E.

N.  $40^{\circ}$  E. 130 lks. dist. marked.

N. 6.  $18^{\circ}$  W. Q 6 E. S. 28 B. T.

No other trees in distance

Build a md. of stone 2.

ft. high and 3 ft. base. W of

<sup>con.</sup> It's impracticable

Land mountainous 8000 lbs.

Deer brush 80.00 lbs.

Soil rocky, 4<sup>th</sup> rate.

S.  $0^{\circ} 02'$  E. from. W. C. on  
a true line bet. secs.

32 and 33.

Over mountainous land.

Through dense brush + yew.

0.20 Edge of mesa bears E. + N.

descend abruptly.

4.20 On steep bluff. Pt. for cor.  
unsafe.

37

## Subdivisions of

44.20 Set a sandstone  $26 \times 14 \times 5$  ins. in a md. of stone for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face and built a md. of stone N. of cor.  $2\frac{1}{2}$  ft. base and  $1\frac{1}{2}$  ft. high. No trees in distance. Pits impracticable.

101.12 Intersect S. Bay. of Sp. 21.80 chs. N. of old cor. of secs. 32 and 33, markings of which I deface. Cor. comes on steep N. slope of Steamboat rock. Cut a X at exact cor. pt. with 4 notches on E. and 2 on N. with C. C. on N. and built a md. of stone 2 ft. base  $1\frac{1}{2}$  ft. high N. of cor.

Tp. 18 N. R. 6 E.

Land 3 mountains 101.12 chs.  
 Dense grass and brush 101.12 chs.  
 Soil rocky. 4<sup>th</sup> rate.

From the N. C. to cor. of  
 secs. 28, 29, 32 and 33 Iron  
 N. and at 20.00 chs. Offset  
 S. 4.20 chs. to line bet. secs.  
 29 and 32, thence continue  
 N.

40.00 Set a sandstone 16x12x6 ins.  
 in a md. of stone for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face.  
 from which

A pine 13 ins. diam. bears  
 N. 60° E. 14 lks. dist. marked.  
 $\frac{1}{4}$  S. 29 B. T.

A pine 18 ins. diam. bears  
 S. 44° E. 24 lks. dist. marked.

39

T. 18 N. R. 6 E.

 $\frac{1}{4}$  S. 32 B. T.

50.00

Descend abruptly

50.00

Edge of vertical bluff of  
mesa. bears N.  $65^{\circ}$  E. and  
S.  $65^{\circ}$  W.

Because of the impassable cliff it is impossible to continue on this line further

Set a sandstone  $14 \times 8 \times 6$  ins in a md. of stone for N. P. marked N. P. on N. face. and build a md of stone N. of point.  $2\frac{1}{2}$  ft base and 2 ft. high.

Jan. 8<sup>th</sup> 1904

## T. 18 N. R. 6 E.

June 10<sup>th</sup>; at 9 a.m. l.m.t.  
 I set off  $22^{\circ}04'$  S. on the decl. arc;  
 $34^{\circ}55'$  N. on the lat. arc; and  
 determine a true meridian with  
 the solar, at the cor. to secs. 26, 27,  
 34 and 35. From this cor. I  
 offset E. 300 chs., thence I run  
 $N. 0^{\circ}01'$  N. bet. secs. 26<sup>th</sup> and 27.  
 Over mountainous lands.  
 Through dense cedars, Juniper  
 and brush.

8.40 Edge of bluff of E. Fork of  
 Oak Creek. 500 ft. above  
 bottom of cañon, bears N.  
 $60^{\circ}$  E, and S.  $60^{\circ}$  N.

Set a malpais 16 x 10 x 6 ins  
 in a md. of stone for N. P.  
 marked N. P. on N. face.  
 and built a md. of stone

41

T. 18 N., R. 6 E.

2½ ft. base and 1½ ft. high  
N. of cor. pt.

No trees in distance

Pits impracticable.

As it is impossible to continue chaining on this line I set a flag at W.P. also a flag N. 0° 01' N. of this pt. on the N. edge of cañon. Being unable to procure a sufficient base on the S. side, I proceed to the flag on the N. side of the cañon where I measure a base S. 89° 59' N. 1022 ft. from which the flag on the S. side of cañon bears S. 12° 36' E.



T. 18 N., R. 6 E.

Therefore

Log. co-tan.  $12^{\circ}35'$  = .651265Log. 1022 = 3.009415

Log. 4578 3.660716 =

the dist. bet. flags is 69.36 ch.

Offset N. 300 chs to line

77.76 N. edge of E. Fork Oak  
Creek, bears S.  $60^{\circ}$  N. and  
N.  $60^{\circ}$  E.Set a malpais  $16 \times 12 \times 6$  ins  
in a md. of stone for W.P.  
marked N.P. on N. face.and raised a md. of stone  
N. of point,  $2\frac{1}{2}$  ft base  
and  $1\frac{1}{2}$  ft high, No trees  
in distance Pits imprac-  
ticable.

43

## Subdivisions of

80.00 Set a malpais 18x12x5 ins  
 in a md of stone for cor  
 to sec. 22, 23, 26, and 27.  
 marked with two notches  
 on E. and 2 notches on S.  
 Edges. from which  
 a juniper 12 ins. diam.  
 bears. S. 86° W. 110 lks. dist.  
 marked. T. 18 N. R. 6 E. S. 27 B. T.  
 No other trees in distance  
 Build a md. of stone 3 ft.  
 base and 2 ft high N. of  
 cor. Pits impracticable  
 Land mountainous 80.00 chs  
 Dense brush 80.00 chs.  
 Soil rocky, 4<sup>th</sup> rate.

Sp. 18 N. R. 6 E.

44

As it is impossible to run  
E. bet. secs. 23 and 26, because  
of the impassable cliff of  
E. Fork of Oak Creek. I run  
N. 0° 01' W. bet. secs. 22 and 23.

Over rolling mesa

Through dense brush, cedar  
and juniper timber.

40.00 Set a malpais 16x14x10 ins.  
in a md. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face  
from which.

A juniper 10 ins. diam. bears  
S. 82° W. 214 lbs. dist. marked  
 $\frac{1}{4}$  S. 22 B. T.

A cedar 10 ins. diam. bears  
N. 12° E. 205 lbs. dist. marked  
 $\frac{1}{4}$  S. 23 B. T.

80.00 Set a malpais 18x12x6 ins.

45

Subdivisions of  
 in a md. of stone for cor  
 to secs. 14, 15, 22 and 23.  
 marked with 2 notches on  
 E. and 3 notches on S. edges.  
 from which

A pine 12 ins. diam. bears  
 S.  $74^{\circ}$  N. 111 lks. dist. marked.  
 T. 18 N. R. 6 E. S. 22 B. T.

A juniper 6 ins. diam. bears  
 N.  $75^{\circ}$  W. 195 lks. dist. marked  
 T. 18 N. R. 6 E. S. 15 B. T.

A juniper 8 ins. diam. bears  
 N.  $43^{\circ}$  E. 76 lks. dist. marked.  
 T. 18 N. R. 6 E. S. 14 B. T.

A juniper 26 ins. diam. bears  
 S.  $6^{\circ}$  E. 125 lks. dist. marked.  
 T. 18 N. R. 6 E. S. 23 B. T.

Land rolling mesa 80.00 chs.  
 Deer brush 80.00 chs.

Tp. 18 N. R. 6 E.

46

Cedar & juniper timber  
80.00 chs.

Soil rocky 4<sup>th</sup> rate.

E. on a random line bet.  
secs. 14 and 23.

Over rolling mesa.

Through dense cedar and  
junipers

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

80.08 Intersect N and S line  
5 lks. S. of cor to secs. 13, 14,  
23 and 24. thence S run.  
S.  $89^{\circ}58'$  W. bet. secs. 14<sup>and</sup> 23.

40.04 Set a malpais 16 x 10 x 10 ins  
in a md of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face.  
from which.  
a juniper 14 ins. diam. bears

47

Land Rolling mesa 80.08  
 Drive cedar & juniper 80.08  
 Soil 4 1/2 rods.

80.08

T. 18 N. R. 6 E.

N. 10° E. 78 lks. dist. marked.

1/4 S. 14. B. T.

No other trees in distance

Build a md. of stone 2 1/2  
ft. base and 2 ft. high

N. of cor. Pits impracticable

The cor. of secs. 14, 15, 22, and 23.

Jan. 10<sup>th</sup> 1904

Jan. 11: At 9 a.m. l.m.t. I  
 set off 21° 55' S. on the sec.  
 arc; 34° 57' N. on the lat.

arc, and determine a true  
 meridian with the solar  
 at the cor. of secs. 14, 15, 22  
 and 23, thence I run.

N. 0° 01' N. on a true line  
 bet. secs. 14 and 15

Over rolling mesa.

Through dense pine &amp; oaks.

## T. 18 N. R. 6 E.

40.00 Set a malpais 17x12x8 ins  
in a md. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  S. on N. face.  
from which

A piece 15 ins. diam. bears  
S.  $45^{\circ}$  N. 101 lks. dist. marked  
 $\frac{1}{4}$  S. 15 B. T.

A piece 12 ins. diam. bears  
N.  $31^{\circ}$  E. 119 lks. dist. marked.  
 $\frac{1}{4}$  S. 14 B. T.

80.00 Set a malpais 18x12x6 ins.  
in a md. of stone for cor. to  
secs. 10, 11, 14 and 15, marked  
with 2 notches on E. and  
4 notches on S. edges.

from which  
An oak 10 ins. diam. bears  
S.  $25^{\circ}$  E. 120 lks. dist. marked  
T. 18 N. R. 6 E. S. 14 B. T.

49

T. 18 N. R. 6 E.

Au oak. 12 ins. diam. bears  
 S.  $86^{\circ}$  N. 73 lks. dist. marked  
 T. 18 N. R. 6 E. S. 15 B. T.

A pine 30 ins. diam. bears  
 N.  $68^{\circ}$  W. 167 lks. dist. marked.  
 T. 18 N. R. 6 E. S. 10 B. T.

A pine 26 ins. diam. bears.  
 N.  $59^{\circ}$  E. 12 lks. dist. marked.  
 T. 18 N. R. 6 E. S. 11 B. T.

Land rolling mesa 80.00 ch.  
 Dense pine and oak 80.00 ch.  
 Soil rocky, 4<sup>th</sup> rate.

N.  $89^{\circ} 58'$  E. on a random  
 line bet. secs. 11 and 14.

Over rolling mesa.

Through dense pine & oak.

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

80.06 Intersect N. and S. line



## T. 18 N. R. 6 E.

4 chs. N. of cor. of secs. 11, 12,  
13 and 14. thence I run  
N. on a true line bet. secs.  
11 and 14.

40.03 Set a malpais 16x12x8 ins.  
in a md. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face.  
from which

An oak 14 ins. diam. bears  
S.  $53^{\circ}$  N. 20 chs. dist. marked.  
 $\frac{1}{4}$  S. 14 B. T.

80.05 An oak 10 ins diam. bears  
N.  $41^{\circ}$  W. 93 chs. dist. marked.  
 $\frac{1}{4}$  S. 11 B. T.

80.06 The cor. to secs. 10, 11, 14,  
and 15.

Land rolling mesa. 80.06 chs.  
Dense pine and oaks. 80.06 chs.  
Soil rocky. 4<sup>th</sup> rate.

51

## T. 18 N., R. 6 E.

N. 0° 01' N. bet. secs. 10 + 11.

Over rolling mesa.

Through pine and oaks.

40.00 Set a malpais 17 x 12 x 10 ins.  
in a rnd of stone for  $\frac{1}{4}$  sec  
cor. marked  $\frac{1}{4}$  on N. face.  
from which

An pine 32 ins. diam. bears  
S. 20° N. 39 lks. dist. marked.  
 $\frac{1}{4}$  S. 10 B. 9.

An oak 8 ins. diam. bears  
N. 44° 36' E. 28 lks. dist. marked.  
 $\frac{1}{4}$  S. 11 B.

55.00 Road, course E + N.

80.00 Set a malpais 26 x 12 x 4 ins  
in a md. of stone for cor.  
to secs. 2, 3, 10, and 11.  
marked with 2 notches on  
E, and 5 notches on S. edges

T. 18 N., R. 6 E.

From which.

An oak 10 ins. diam. bears  
S 30° W. 54 lks. dist. marked.

T. 18 N. R. 6 E. S. 10 B. T.

An oak 12 ins. diam. bears  
N. 31° 30' E. 29 lks. dist. marked

T. 18 N. R. 6 E. S. 2 B. T.

A pine 20 ins. diam. bears  
N. 86° W. 124 lks. dist. marked.

T. 18 N. R. 6 E. S. 3 B. T.

No other trees in distance.

Build a mound of stone  
2 1/2 ft. base 2 ft. high N. of cor.

Pits impracticable.

Land rolling mesa. 80.00 chs.

Dense pines and oaks 80.00 chs.

Soil rocky. 4<sup>th</sup> rate.

53

Subdivisions of  
E. on a random line bet.  
secs. 2 and 11.

Over rolling mesa.

Through dense pines & oaks.

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

80.24 Intersect N. and S. line  
10 links N. of cor. of secs.  
1, 2, 11 and 12. thence I run  
N.  $89^{\circ}56'$  N. on a true line  
bet. secs. 2 and 11

26.00 Road bears N. E.  $45^{\circ}$  S. N.

40.12 Set a melpais 18 x 10 x 6 ins.  
in a md. of stone for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N. face  
from which.

A pine 14 ins. diam. bears  
N.  $55^{\circ}$  E. 37 lks. dist. marked  
 $\frac{1}{4}$  S. 2 B. T.

A pine 16 ins diam. bears

Tp. 18 N. R. 6 E.

54

S. 10° E. 104 lks. dist. marked.

1/4 S. 11 B. T.

80.24 The cor. of secs. 2, 3, 10, and  
11.

Land rolling mesa. 80.24 chs.

Dense pines + oaks. 80.24 chs.

Soil rocky. 4<sup>th</sup> rate.

N. 0° 01' N. bet. secs. 2 and 3.

Over rolling mesa.

Through dense pines + oaks.

40.00 Set a malpais 16 x 14 x 7 ins  
in a md. of stone for 1/4 sec.  
cor. marked 1/4 on N. face.  
from which

An oak 7 ins. diam. bears

S. 73° E. 62 lks. dist. marked.

1/4 S. 2 B. T.

An oak 12 ins. diam. bears

55

## Subdivisions of

N.  $87^{\circ}$  N. 114 lks. dist. marked. $\frac{1}{4}$  S. 3 B. T.78.84 Intersect N. bay, <sup>7p.</sup> 532 lks.N.  $89^{\circ} 24'$  E. of cor. of secs.34 and 35. markings of  
which I change to refer to  
N. secs. only.Set a malpais  $18 \times 12 \times 6$  ins.  
in a md. of stone for C. C.

of secs. 2 and 3. marked with

2 ~~notes~~ <sup>notches</sup> on E. and 4 notches  
on N. edges, and C. C. on S.

face. from which

An oak. 14 ins. diam. bears

S.  $56^{\circ} 30'$  N. 123 lks. dist. marked

T. 18 N. R. 6 E. S. 3. C. C. B. T.

An oak. 8 ins. diam. bears.

S.  $42^{\circ}$  E. 13 lks. dist. marked

T. 18 N. R. 6 E. S. 2. C. C. B. T.

Tp. 18 N. R. 6 E

56

Land rolling mesa. 78.84chs.

Dense pines and oaks. 78.84chs.

Soil rocky. 4<sup>th</sup> rate.Jan. 11<sup>th</sup> 1904.

Jan. 12! At 9 a.m. l.m.t., I  
 set off  $21^{\circ}46'$  S. on the decl. arc;  
 $34^{\circ}55'$  N. on the lat. arc; and determine  
 a true meridian with the solar  
 at the cor. of secs. 27, 28, 33, and 34.

Thence I run.

N. 0.01' N. bet. secs. 27 and 28

Along steep rocky slope of  
mesa, thro' dense brush.

35.45 Set a malpais  $18 \times 10 \times 6$  ins.  
 in a md. of stone for <sup>N.C. to</sup>  $\frac{1}{4}$   
 sec. cor. Marked <sup>N.C.</sup>  $\frac{1}{4}$  on N. face.  
 and built a md. of stone  
 N. of cor. 3 ft. base.  $2\frac{1}{2}$  ft high

## 57 Subdivisions of Tp. 18 N. R. 6 E.

No trees in distance

Pits impracticable.

40.00 Pt. for  $\frac{1}{4}$  sec. cor. comes  
in deep narrow gorge.

60.00 Descend to creek bottom.

64.50 Oak creek, 75 lks wide,  
course S. E.

66.00 Ascend steep slope of mesa  
diagonally.

80.00 Set a malpais  $18 \times 12 \times 10$  ins  
in a md. of stone for cor  
to secs. 21, 22, 27, and 28 marked  
with 3 notches on E. and 2  
notches on S. edges. Built  
a md. of stone 3 ft. base 2 ft high  
N. of cor. No trees in distance  
Pits impracticable.

Land mountainous 80.00 chs.

Dease brush 80.00 chs.

Soil rocky. 4<sup>th</sup> rate.



Completed, Book 239.

BOOK 238