

Subdivisions

C.

T. 16 N. R. 5 W.

Contract No. 89

A. B. MADER D. S.

No. 1-

BOOK 1726

1726

1726

4-671

**FIELD NOTES**  
**GENERAL LAND OFFICE.**

PRELIMINARY OATHS OF ASSISTANTS.

We, W. E. Allen

and W. C. Meyers

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

Subdivision of Township No 16 north, Range No. 5, West

BOOK 1726

BOOK 1725

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

W. E. Allen, Chainman.

W. C. Meyers, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

Subscribed and sworn to before me this 2nd day of November, 1903.

A. B. Mader

U. S. Deputy Surveyor Notary Public

[SEAL.]

We, Oscar Clay  
and Henry Clay 1A

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,

the survey of the subdivision of  
Township No. 16 North, Range  
No. 5 West

BOOK 1726

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

Oscar Clay, Flagman  
Henry Clay, Axman  
\_\_\_\_\_, Axman  
\_\_\_\_\_, Axman

Subscribed and sworn to before me this 2nd  
of November, 1903

A. B. Mader  
U. S. Deputy Surveyor. Notary

1726

BOOK 1726

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FIELD NOTES  
OF THE SURVEY OF THE  
SUBDIVISION  
OF  
TOWNSHIP No. 16 NORTH, RANGE No. 5 WEST,  
OF THE  
GILA AND SALT RIVER  
BASE AND MERIDIAN  
IN THE  
TERRITORY OF ARIZONA  
AS SURVEYED BY  
ARTHUR B. MADER  
U. S. DEPUTY SURVEYOR  
UNDER HIS CONTRACT No. 89  
DATED DEC. 9<sup>th</sup> 1901.

SURVEY COMMENCED - Nov 4, 1903

SURVEY COMPLETED - Nov 20, 1903

NAMES AND DUTIES OF ASSISTANTS.

W. E. Allen Chairman  
 W. C. Myers Chairman  
 Henry Clay Axman  
 Oscar Clay Flagman

BOOK 1726

T17N. R5W.

	31	32	33	34	35	36	37
					50	23	
	6	5	4	3	48	2	22. 1
						46	21.
	7	8	9	10	44	11	19. 12
						42	17.
	18	17	16	15	39	14	15. 13
						37	13.
	19	20	21	59	22	35	23 11. 24
					57	32	9.
	30	29	28	56	27	29	26 7. 25
					54	27.	5.
	31	32	33	51	34	25	35 3. 36

T16N, R6W

T16N, R4W

T15N, R5W.

Subdivision of T. 16 N., R. 5. W.

Survey commenced November, 3<sup>rd</sup> 1903, and executed with a Gurley light mountain transit with solar attachment. The horizontal limb is provided with <sup>two</sup> double verniers placed opposite to each other, reading to  $\frac{1}{2}$  minutes of arc, the verniers of the latitude and declination arcs reading to one minute of arc. <sup>Insr. has no.</sup> I examine the adjustments of the transit and find them correct; then to test the solar apparatus by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a true meridian determined by observations on Polaris, I proceed as follows:

2  
2<sup>C</sup> BOOK 1726  
Subdivision of Sp. 16 N. Rg. 5 W.

At the cor. of secs 35 and 36  
on the S. side, latitude  $34^{\circ}41'N$   
longitude  $112^{\circ}45'W$ ; I set off  
 $34^{\circ}41'N$  on the lat. arc;  $14^{\circ}54'$

on the declination arc; and,  
at 4<sup>h</sup> P.M. l.m.t. determine  
with the solar a true meridian  
and mark a point thereof on a  
stone firmly set in the ground,  
5 chus. N. of the cor.

At 4<sup>h</sup> 33<sup>m</sup> a.m. by my  
watch which is correct l.m.t.

I observe Polaris at western  
elongation, in accordance with  
Manual of Instructions; and  
mark a point in the line thus  
determined, on a plug driven  
in the ground, 5 chus. N. of my  
station.

November 3, 1903.

Division of Sp. 16 N. Rg. 5 W.

November, 4. At 6 a.m. l.m. 7.

I lay off the azimuth of Polaris  $1^{\circ}29'$  to the east, and mark the True Meridian thus determined, by cutting a groove in the stone set Nov. 3<sup>rd</sup>, on which the true meridian falls 0.5 ins. west of the mark determined by the solar.

At 8<sup>h</sup> a.m. l.m. 7. I set off  $34^{\circ}41'N$  on lat. arc and  $15^{\circ}6'S$  on the decl. arc; and mark a point in the true meridian determined with the solar, by a cross on the stone already set 5 chus. N. of my station; this mark falls 0.4 ins. west of the mark



Subdivision T<sub>p</sub>. 16 N. R<sub>y</sub>. 5 W.

determined by the Polaris observation

The solar apparatus by p. m. and a. m. observations, defines positions for true meridians, respectively about  $0^{\circ}26''$  east and  $0^{\circ}21''$

west of the true meridian established by the Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at  $8^{\text{h}} 30^{\text{m}}$  a. m. is  $N 14^{\circ} 17' E$ , the angle thus determined, reduced by the table of the manual, gives the mean magnetic decl.  $14^{\circ} 14' E$ .

Subdivision of Tp. 16 N. Rg. 5 W.  
chains

November 4: At 8<sup>h</sup> 00<sup>m</sup> a. m.  
 V l. m. t. I set off 34° <sup>41'</sup> ~~41'~~ <sup>41'</sup> on  
 the lat. arc; 15° 06' S. on the  
 decl. arc; and determine  
 a true meridian with  
 the solar at the cor. of  
 secs. 35 and 36, previously  
 described.

Thence I run

N. 0° 01' W. bet. secs. 35 and 36.

Over rolling mountains  
 through dense brush

10.30 Cross road, bears N. E. and S. W.

10.90 Cross gulch, 15 lks. wide, course  
 N. E.

20.65 Top of mountain bears E. & W.  
 and descend

25.60 Cross gulch, 20 lks. wide,  
 course E. and ascend

Subdivision of Tp. 16 N. Rq. 5 W.  
chains

29.80 Top of mountain and descend.

40.00 Set a granite stone 20 x 10 x 8 ins. 15 ins.

in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on W. face; and  
raise a mound of stone 2 ft.  
base  $1\frac{1}{2}$  ft. high, W. of cor.  
Pits impracticable.

63.50 Cross creek, 60 lks. wide, course  
 $N. 75^{\circ} E.$  and ascend through  
scattering cedars.

80.00 Set a malpais stone 22 x 12 x 6 ins. <sup>17</sup> 76

ins. in the ground for cor. of  
secs. 25, 26, 35 and 36, marked with 1 notches

on E. and 1 notches on S. edges; from which

A cedar, 16 ins. diam. bears  $S 36^{\circ} E.$

72 lks. dist. marked T 16 N R 5 W.

S 36 B T

A juniper, 6 ins. diam. bears  $S 60^{\circ} W.$

154 lks. dist. marked T 16 N R 5 W.

S 35 B T

A cedar, 8 ins. diam. bears  $N 33^{\circ} W.$

121 lks. dist. marked T 16 N R 5 W

S 26 B T

## Subdivision of Tp. 16 N. Rg. 5 W.

chains

A cedar 7 in. diam. bears  $N 72^{\circ} E$ .237 lbs. dist.  $16 N R 5 W$ .

625 BT'

Land, mountainous.

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

Underbrush, oak.

Timber, cedar and juniper

Mountainous land or land

covered with dense

undergrowth 80.00 chs.

East on a random line  
bet. secs. 25 and 36.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.79.73 Intersect E. bdy. of Pp.  
10 lbs. N. of Cor.

Thence I run.

$N. 89^{\circ} 56' W.$  on a true line  
bet. secs. 25 and 36.

## Subdivision of Tp. 16 N. Rg. 5 W.

chains

- Over rolling mountains  
through heavy cedar timber
- 27.50 Cross gulch, 15-lks. wide,  
course N. E.
- 30.00 Cross road bears N. E. and S. W.
- <sup>39.865</sup>  
39.865 Set a granite stone 26 x 16 x 15 ins, 20  
ins. in the ground for  $\frac{1}{4}$  sec.  
cor.; marked  $\frac{1}{4}$  on N. face; from which  
A oak 26 ins. diam. bears N  $30^{\circ}$  W.  
135 lbs. marked  $\frac{1}{4}$  S 25 B T  
juniper 10 ins. diam. bears S  $22^{\circ}$  E.  
187 lbs. marked  $\frac{1}{4}$  S 36 B T.
- 44.00 Cross gulch, 15-lks. wide,  
course N. E. and ascend
- 76.00 Timber becomes scattering,  
and through dense brush.
- 79.73 The cor. of secs. 25, 26, 35 & 36.  
<sup>39.865</sup>  
Land, mountainous.  
Soil, gravelly; 3<sup>rd</sup> rate.  
Underbrush oak.  
Timber cedar.

Subdivision of Tp. 16 N. Rg. 5 W.  
chains

Mountainous or heavily  
timbered land or land  
covered with dense  
underbrush 79.73 chs.

N. 0° 01' W. bet. secs. 25 and 26.

Over rolling mountains  
through scattering timber.

8.50 Top mountain.

12.50 Cross ridge E. and W.

15.00 Through dense brush,  
descend.

34.40 Cross gulch, 15 lks. wide,  
course N. 10° E.

40.00 Set a granite stone 18 x 9 x 7 ins, 12  
ins. in the ground for  $\frac{1}{4}$  sec.  
cor.; marked  $\frac{1}{4}$  on W face; from which

A cedar 11 ins. diam. bears S 40° E.

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

A juniper 15 ins. diam. bears S 65° W

117 lbs. marked  $\frac{1}{4}$  S 26 B T v

BOOK 1726

X November 4, <sup>1903</sup> 1904 - at the 8A  
cor. of sec's 23-24-25 and  
26, I set off  $15^{\circ}-11'5''$  on the  
declination arc; and at  
 $12^{\text{h}}-00^{\text{m}}$  by my watch, which  
is correct L. M. T. observe  
the sun on the meridian, and  
obtain on the lat. arc the  
reading  $34^{\circ}-42'+\eta$ , which  
is the Platt. nearly.

## Subdivisions of Pp. 16 N. Rg. 5 E.

chains

49.55 Cross road bears  $S. 75^{\circ} W.$   
and  $N. 75^{\circ} E.$

55.25 Cross creek, 10 lks. wide,  
Course  $N. 65^{\circ} E.$  and ascend

59.20 Cor. of wire fence Robert's  
pasture bears  $W. 50$  lks.

71.55 Ridge bears  $N. W.$  and  $S. E.$

80.00 Set a malpais stone  $16 \times 9 \times 6$  ins, ~~10~~

ins. in the ground for cor. of  
secs. 23, 24, 25 and 26, marked with 1 notches  
on  $E$  and 2 notches on  $S.$  edges, from which

A cedar, 6 ins. diam. bears  $S 35^{\circ} W.$

222 lks. dist. marked T 16 N R 5 W

S 26 B T

A cedar, 9 ins. diam. bears  $N 24^{\circ} E.$

154 lks. dist. marked T 16 N R 5 W

S 24 B T

A cedar, 6 ins. diam. bears  $S 47^{\circ} E.$

224 lks. dist. marked T 16 N R 5 W

S 25 B T

No other tree available.

Raise a mound of stone  
2 ft. base  $1\frac{1}{2}$  ft. high,  $W.$



## Subdivisions of Pp. 16 N. Rg. 5 W.

Chains

of cor. Pits impracticable  
Land, mountainous.

Soil, rocky; 3<sup>rd</sup> and 4<sup>th</sup>  
rate.

Underbush, oak.

Timber, cedar and juniper

Mountainous land or  
land covered with dense  
undergrowth 80.00 chs.

\*

S 89° 56' E. on a random  
line bet. secs. 24 and 25.

40.00 Set temp 1/4 sec. cor.

79.70 Intersect E. bdy. of Pp.  
42 lks. S. of cor. of secs.

19, 24, 25 and 30.

Thence I run

S. 89° 46' W. on a true line

Subdivisions of Twp. 16 N. Rg. 5 W.  
Chains.

- bet. secs. 24 and 25.  
Ascending over rolling  
mountain through dense  
brush and scattering  
cedar timber.
- 39.85 Set a malpais stone  $16 \times 8 \times 6$  ins, <sup>11</sup> 10  
ins. in the ground for  $\frac{1}{4}$  sec.  
cor.; marked  $\frac{1}{4}$  on N. face; from which  
A cedar 6 ins. diam. bears N  $15^\circ$  W.  
23 lks. marked  $\frac{1}{4}$  S 24 B T  
A cedar 12 ins. diam. bears S  $32^\circ$  E  
42 lks. marked  $\frac{1}{4}$  S 25 B T
- 46.15 Top of mountain and descend.
- 61.60 Cross gulch, 10 lks. wide,  
course S.  $20^\circ$  W. and ascend.
- 66.15 Top of ridge and descend.
- 69.40 Cross gulch, 10 lks. wide  
course S.  $20^\circ$  E. and ascend.
- 79.70 The cor. of secs. 23, 24, 25 and  
26.  
Land, mountainous

## Subdivisions of Twp. 16 N. Rg. 5 W.

chains

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

Underbrush, oak.

Timber, cedar.

Mountainous land or  
land covered with dense  
undergrowth 79.70 chs.

November 4, 1903

November 5: at 8<sup>h</sup> 00<sup>m</sup> a. m. l. m. t.

I set off  $34^{\circ}43'$  <sup>26</sup>N on the lat.  
arc;  $15^{\circ}24\frac{1}{2}'$  S. on the decl.  
arc; and determine a  
true meridian with the  
solar at the cor. of secs.  
23, 24, 25 and 26.

Thence I run

N.  $0^{\circ}01'W$ . bet. secs. 23 and 24Ascend over rolling moun-  
tains through dense

## Subdivisions of Pp. 16 N. Rg. 5 W.

chains

brush. 0

25.80 Descend steep slope.

40.00

Set a granite stone  $14 \times 10 \times 6$  ins. <sup>10</sup>/<sub>8</sub>  
ins. in the ground for  $\frac{1}{4}$  sec.cor.; marked  $\frac{1}{4}$  on W. face; from which  
A cedar 8 ins. diam. bears  $S 38^\circ E$ .85 lbs. marked  $\frac{1}{4}$  S 24 B T  $\checkmark$ A cedar 20 ins. diam. bears  $S 46^\circ W$ .106 lbs. marked  $\frac{1}{4}$  S 23 B T  $\checkmark$ 

41.00 Through scattering cedars.

53.00 Cross wash 100 lbs. wide  
course E. and ascend.63.20 Ridge bears E. and W.  
and descend.75.00 Foot of mountain and  
ascend.

80.00

Set a granite stone  $16 \times 12 \times 9$  ins. <sup>11</sup>/<sub>10</sub>ins. in the ground for cor. of  
secs. 13, 14, 23 and 24, marked with 1 notches

on E and 3 notches on S edges; from which

A cedar 10 ins. diam. bears  $N 18^\circ E$ .30  $\frac{1}{2}$  lbs. diam. marked T 16 N R 5 WS 13 B T  $\checkmark$

## Subdivisions of Tp. 16 N. Rg. 5 W.

Chains

No other trees available.

And raise a mound of  
stone 2 ft. base  $1\frac{1}{2}$  ft.  
high, W. of cor. Pits  
impracticable

Land, mountainous

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

Underbrush, oak.

Timber, cedar.

Mountainous land or  
land covered with  
dense undergrowth  
80.00 chs.

N  $89^{\circ}-46'E$  on a random  
line bet. sec's. 13 and 24

40.00

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

79.68

Intersect E bdy. of Tp.

Subdivision of Tp. 16 N, Rg. 5 W.  
chains.

- at the cor. of secs 13, 18, 19 and 24  
Thence True
- ✓ S 89° 46' W on a true line  
bet. secs 13 and 24.  
over rolling mountains
- 14.50 Cross gulch, 8 lks. wide, course  
N. E, and ascend through  
dense brush
- 25.00 Ridge, bears S, and descend
- 38.50 Cross gulch, 25 lks. wide, course  
N. E, bears S 15° W (Pine Creek)
- ~~39.84~~  
39.74 Set a malapi stone 16 x 9 x 5 ins. 10  
ins. in the ground for ¼ sec.  
cor. marked ¼ on N face; from which  
A cedar 12 ins. diam. bears due N  
40 lks. marked ¼ S 13 B T ✓  
A cedar 10 ins. diam. bears S 46° W  
257 lks. marked ¼ S 24 B T ✓
- 49.85 Ridge bears E and W and  
descend
- 55.00 enter dense undergrowth

## Subdivision of Sp. 16 N, Rg. 5 W.

chains.

68.00 ascend

68.25 Ridge, bears E and W, and descend

79.68 The cor. of secs, 13, 14,  
23, and 24.

Land mountainous.

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

Undergrowth, oak.

Timber cedar and juniper

Mountainous land or  
land covered, with dense  
undergrowth, 79.68 chus.

N 0° 01' W, bet. secs 13 and 14

Over rolling mountains  
and through dense brush13.40 Malpais ridge bears N. E  
and S. W. and descend

19.00 Cross Horse Wash, 1.50 chus.

Subdivision of Sp. 16 N. Rg. 5 W.

chains

wide, course N. E, bears S.

40.00.

Set a granite stone 18 x 10 x 9 ins. 12  
ins. in the ground for  $\frac{1}{4}$  sec.

cor.; marked  $\frac{1}{4}$  on W face; from which  
A cedar 8 ins. diam. bears N 60° E

44 lbs. marked  $\frac{1}{4}$  S 13 BT ✓

A cedar 12 ins. diam. bears N 86° W

53 lbs. marked  $\frac{1}{4}$  S 14 BT ✓

over rolling mountains and  
through scattering cedars.

73.80

Cedars become dense

80.00

Set a malpais stone 15 x 9 x 3 ins. 10  
ins. in the ground for cor. of  
secs. 11, 12, 13 and 14, marked with 1 notch

on E and 4 notches on S edges; from which

A cedar 8 ins. diam. bears N 62° 55' E

21 lbs. dist. marked T 16 N R 5 W

S 12 BT ✓

A cedar 6 ins. diam. bears S 18° 33' E

34 lbs. dist. marked T 16 N R 5 W

S 13 BT ✓

A cedar 12 ins. diam. bears S 76° 40' W

63 lbs. dist. marked T 16 N R 5 W

S 14 BT ✓

A cedar 6 ins. diam. bears N 16° 24' W

38 lbs. dist. marked T 16 N R 5 W

S 11 B.T. ✓



Subdivision of Sp. 16 N, R 5 W.

chains

Land mountainous.

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

Undergrowth, oak.

Timber, cedar.

Mountainous land or  
land covered with dense  
undergrowth and heavily  
timbered land 80 chus.

N 89°-46'E on a random  
line bet. secs. 12 and 13

40.00 Set temp. 1/4 cor.

79.65 Intersect E. bdy. of Sp.

27 lks. N. of cor. of secs.

7, 12, 13 and 18,

Thence I run

S 89°-58' W on a true line  
betw. secs. 12 and 13.

Over rolling mountains

Subdivision of Tp. 16 N. Rg. 5 W  
chains.

and through scattering cedars, ascend

31.00 Enter dense cedars

39.82½ Set a malpais stone 17 x 12 x 5 ins. 12 ins. in the ground for ¼ sec. cor.; marked X on N. face; from which  
A cedar 20 ins. diam. bears S 25°-35' W  
50 lbs. marked X S 13 B T ✓  
A cedar 12 ins. diam. bears N 1°-45' E  
126 lbs. marked X S 12 B T ✓

and ascend

79.65 The cor. of secs 11, 12, 13 and 14  
Land mountainous.  
Soil, rocky, 4<sup>th</sup> rate.  
Timber, Cedar.  
Mountainous land and heavily timbered land  
79.65 chains.

November, 5, 1903

Subdivision of Twp. 16 N. Rg. 5 W.  
chains.

November, 6: At 8<sup>h</sup>.00<sup>m</sup>.

a. m. l. m. t. I set off  
34° 44½' N on the lat. arc and  
15° 43' S on the decl. arc:  
and determine the true  
meridian with the solar  
at the cor. of sec's 11, 12, 13 and 14.

Thence I run

N 0° 01' W bet. sec's 11 and 12

Over rolling mountains  
through heavy cedar timber

8.50 Cedars become more scattered

36.00 Cross gulch, 10 lbs. wide course  
N. E. bears S. W.

40.00 Set a malapi stone 15 x 10 x 8 ins. <sup>10</sup>/<sub>9</sub>  
ins. in the ground for ¼ sec.  
cor.; marked ¼ on <sup>W</sup> face; from which

A cedar 10 ins. diam. bears S 36° W

11 ins. marked ¼ S 11 B T J

A cedar 16 ins. diam. bears N 27° E

10 ins. marked ¼ S 12 B T J

Subdivision of Tp. 16 N. Rg. 50  
chains

ascend through dense  
cedars

42.00 Top of mountain

80.00 Set a malpais stone 16 x 10 x 5 ins. 11

ins. in the ground for cor. of  
secs. 1, 2, 11 and 12, marked with 1 notch  
on E and 5 notches on S edges; from which

A cedar 10 ins. diam. bears S 36° W  
91 lks. dist. marked T 16 N R 5 W

S 11 BT ↓

A cedar 6 ins. diam. bears S 71° E  
17½ lks. dist. marked T 16 N R 5 W

S 12 BT ↓

A cedar 12 ins. diam. bears N 20° E  
37½ lks. dist. marked T 16 N R 5 W

S 1 BT ↓

A cedar 6 ins. diam. bears N 66° W  
72 lks. dist. marked T 16 N R 5 W.

S 2 BT ↓

Land mountainous

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

Timber, Cedar.

Mountainous land and  
heavily timbered land, 80 ch

## Subdivision of Tp. 16 N. Rg. 5W.

chains

N 89° 58' E on a random  
line bet. seis 1 and 12

40.00

Set temp. 1/4 cor.

79.88

Intersect E. bdy. of Tp.  
7 Mts. N. of cor. of seis  
1, 6, 7 and 12.

Thence I run

N 89° 59' W on a true line  
bet. seis 1 and 12.Over rolling rocky mountains  
through scattering cedars  
and descend

6.50

cross wash, 1 ch. wide course

S. E. bears N. W. ascend  
cedars growing more dense

39.94

Set a granite stone 18 x 8 x 5 ins. 10  
ins. in the ground for 1/4 sec.

cor.; marked X on N. face; from which

A cedar 12 ins. diam. bears S 44° 30' W

165 lbs. marked X S. 12. B T ✓

A cedar 14 ins. diam. bears N 69° E

119 lbs. marked X S. 12. B T ✓

Subdivision of Sp. 16 N. Ry. 5 W  
chains.

54.00 cross wash, 15 lks. wide,  
course  $N 65^{\circ} E$ , enter  
dense cedars

79.88 To cor. of secs, 1-2-11 and  
Land mountainous  
Soil, gravelly, 3<sup>rd</sup> rate  
Timber, cedar.

Mountainous land and  
heavily timbered land  
79.88 chains.

$N 0^{\circ} 01' W$ , bet. secs 1 and 2  
Over rolling mountain  
through heavy timber

17.50 cross wash, 15 lks. wide  
course N. E.

40.00 Set a *malapi* stone 18 x 10 x 6 ins. 12  
ins. in the ground for  $\frac{1}{4}$  s

cor.; marked  $\frac{1}{4}$  on W face from which

A cedar 28

$S 68^{\circ} E$

18 lks. marked  $\frac{1}{4}$  S 1

Subdivision of Twp. 16 N., Rg. 5 W.  
chains.

A cedar 12 ins. diam. bears S 80° W  
21 lks. dist. marked, ————

1/4 S 2 B.T. ✓

cedars become more scattering

55.15 cross wash, 1 ch. wide, course  
S 70° E bears N 40° W.

enter dense cedar

175.30 leave dense cedar

177.65 Cross road, bears S. E and W

178.97 Intersect the 4<sup>th</sup> Standard  
Parallel North at 9.15  
chains west of the stan.

1/4 cor. on the N. bdy. of  
sec. 36, Twp. 17 N., Rg. 5 W.

Set a malepi stone 16 x 12 x 6 ins. 11

ins. in the ground for C.C. — of  
secs. 1 — and 2, marked with 1 notch

on E and 5 notches on W faces and C.C.  
on the south face, dug pits, 24

x 18 x 12 ins. crosswise on each  
line E and W 3 ft., and

## Subdivision of Tp. 16 N. R. 5 W.

chains

S. of stone 7 ft. dist.; and  
 raised a mound of earth  
 4 ft. base and 2 ft. high,  
 S. of cor.

No bearings available.

Land mountainous.

Soil, stony, 3<sup>rd</sup> rate.

Timber cedar and juniper

Mountainous land and  
 heavily timbered land

178.97 chains.

November, 6, 1903



## Subdivision of Twp. 16 N. Rg. 5 W.

chains

November 7: At 8<sup>h</sup> 00<sup>m</sup> A.M.  
 l.m. T. I set off 34°-44' N on  
 the lat. arc and 16°-01' S on  
 the decl. arc; and determine  
 a true meridian with the  
 solar at the cor. of sec's.  
 34 and 35, previously  
 described

Thence I run

N 0°-01' W bet. sec's 34 and 35  
 over rolling mountains  
 and through dense brush

20.00 ascend south slope of  
 mountain, leave dense  
 brush

25.85 top of ridge, over tops  
 of mountains

29.00 descend, and through  
 dense oak brush

26. ~~BOOK~~ 1726

Subdivision of Twp. 16 N, R. 5 W.

chains

33.35 Cross gulch, 15 lks. wide, course S. W. ascend

40.00 The point for  $\frac{1}{4}$  cor. falls on granite ledge, in place, 8 x 3 ft x 16 ins. above ground.

Cut a cross (x) at the exact cor. point for  $\frac{1}{4}$  sec. cor. and  $\frac{1}{4}$  W of cross from which, An oak 7 ins. diam. bears N 89° W

19  $\frac{1}{2}$  lks. dist. marked

34  $\frac{1}{4}$  S ~~BT~~ and raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high W. of cor. Pits impracticable.

No other tree available.

over rough broken mountains

48.45 Top of granite mountain

68.90 Top of granite mountain

80.00 Set a granite stone 28 x 18 x 12 ins. 21

ins. in the ground for cor. of

secs. 26 27 34 and 35, marked with 2 notches

on E and 1 notch 1 on S edges; from which

Subdivision of Tp. 16 N. Rg. 5 W.  
chains

A Oak 5 ins. diam. bears  $N 82^{\circ} 25' E$   
30 lbs. dist. marked T 16 ~~N~~ R ~~R~~ SW

~~26~~ ~~35~~ BT

A Juniper 6 ins. diam. bears  $S 29^{\circ} 30' W$   
70 lbs. dist. marked T 16 N R 5 W

S 34 BT ✓ no other trees  
available.

and raise a mound of  
stone 2 ft. base  $1\frac{1}{2}$  ft. high,  
W. of cor. Pits impracticable.  
Land mountainous.

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

Undergrowth, oak.

Timber, scattering juniper & oak.

Mountainous land or  
land covered with dense  
undergrowth, 80.00 chus.

East on a random line  
bet. sec's 26 and 35.

40.00

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

## Subdivision of Tp. 16 N., Rg. 5 W.

chains.

79.90

Intersect N. and S. line 10  
 lks. S. of the cor. of sec's 25-  
 26, 35 and 36.

Thence I run

S  $89^{\circ}56'W$  on a true line

bet. sec's 35 and ~~36~~<sup>26</sup> 26

Over rolling mountains and  
 through heavy cedar timber

30.00

foot of slope and ascend

39.95

Set a granite stone  $18 \times 12 \times 8$  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. diam. bears N  $60^{\circ}E$

103 lks. dist. marked  $\frac{1}{4}$  S 26 B.T.

No other tree available. Site  
 impracticable. And raised  
 a mound of stone 2 ft. base  
 $1\frac{1}{2}$  ft. high N. of cor.  
 Top of mountain

Subdivision of Tp. 16 N. Rg. 5 W.

chains.

43.00

descend abruptly

50.00

Foot of slope, over  
broken granite and through  
dense oak brush

79.90

The cor. of sec's <sup>26-27-34</sup> 27-28-33 and 34.

Land mountainous.

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

Undergrowth, oak

Timber, cedar

Mountainous land, and  
heavily timbered land and  
land covered with dense  
undergrowth 79.90 chus.

N 0°-01' W, bet. sec's 26 and 27.

Over high granite mountains  
with scattered brush and cedars

16.65

Foot of south slope

21.25

Peak of granite rocks

- Subdivision of Tp. 16 N. Rg. 54
- chains.
- 25.75 Peak of granite rocks descend abruptly
- 34.85 Foot of granite mountain entered heavy juniper and oak timber
- 40.00 Set a granite stone 18 x 8 x 5 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor.; marked  $\times$  on W face: from which  
 An oak 16 ins. diam. bears  $N 83^{\circ} 55' W$   
 53 lbs. marked  $\times$  27  
 A walnut 7 ins. diam. bears  $N 84^{\circ} 35' E$   
 90 lbs. marked  $\times$  S 26
- 40.45 Cross road bears E and W
- 44.20 Foot of granite rocks, leave timber.
- 46.50 Top of rocks, bear E + W forming part of S. bdy. of Clay's Orchard, extends 22 chas. N.W, 16 chas N.E -  
 From this point Clay's house bears  $N 60^{\circ} 22' E$  and

Subdivision of Tp. 16 N. Rg. 5 W.  
chains.

Clay's barn bears  $N49^{\circ}22'E$ .  
descend rocks.

48.20 Foot of rocks, edge of  
orchard and  
through orchard, (8yr. old.)

64.10 cross creek, 20 lks. wide  
course  $N80^{\circ}E$  bears W

66.40 cross fence, N. bdy. of  
orchard, bears E and W  
ascend broken mountains  
through dense oak brush

80.00 Set a <sup>Malpais</sup> stone  $24 \times 6 \times 5$  ins. <sup>18</sup>~~17~~  
ins. in the ground for cor. of  
secs. 22, 23, 26 and 27, marked with 2 notches

on E and 2 notches on S edges; from which  
A cedar, 7 ins. diam. bears  $N39^{\circ}W$   
175 lks. dist. marked T 16 N R 5 W

S22 BT: A juniper, 5 ins. diam. bears  $N13^{\circ}43'E$   
212 lks. dist. marked T 16 N R 5 W

S23 BT: No other bearings  
available. Pits impracticable.

## Subdivision of Tp. 16 N. Rg. 56

chains

And raised a mound of  
stone 2 ft. base  $1\frac{1}{2}$  ft. high  
W. of cor.

Land mountainous and  
level.

Soil 4<sup>th</sup> and 1<sup>st</sup> rate.

Undergrowth, oak

Timber cedar, oak and  
juniper.

Orchard contains about  
3300 trees from 4 to 11 years  
old.

Mountainous land and  
heavily timbered land  
80.00 chains

N  $89^{\circ}56'E$  on a random  
line bet. sec's 23 and 26

40.00

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



Subdivision of Sp. 16 N. Rg. 5 W.

chains.

79.75

Intersect a N. and S. line  
at 10 lks. N. of cor. of sec's  
23, 24, 25 and 26.

Thence I run  
due west on a true line  
between sec's 23 and 26  
Over rough mountains  
and <sup>through</sup> scattered brush and  
timber descend

39.875

The point for  $\frac{1}{4}$  cor. falls  
on a granite boulder in  
place, 6 x 7 x 3 ft. above  
ground. Cut a cross (x)  
at the exact cor. point for  
 $\frac{1}{4}$  sec. cor. and  $\frac{1}{4}$  W of  
cross, from which;  
A cedar 10 ins. diam. bears S 27° W  
23  $\frac{1}{2}$  lks. dist. marked  $\frac{1}{4}$  S 26 B.T. ✓  
No other bearings available.  
Pits impracticable. and

Subdivision of Tp. 16 N. Rg. 5 W  
chains.

- raised a mound of stone  
2 ft. base  $1\frac{1}{2}$  ft. high N. of  
cor.
- 47.30 cross creek, 30 lbs. wide course  
N. E and bears S. W.  
ascend steep mountain  
slope through dense brush
- 69.15 Top of slope. Henry Clay's house  
bears  $S 4^{\circ} 25' W$ , Clay's barn  
bears  $S 9^{\circ} 31' W$ , Roberts' field  
and orchard bears  $S 53^{\circ} 40' E$   
about  $\frac{3}{8}$  mile. Lower end  
of Clay's field, on creek, bears  
 $S 56^{\circ} 40' E$ , over rolling mountain  
through scattered cedars
- 79.75 The cor. of sec's 22-23-26 and 27.  
Land mountainous.  
Soil, rocky, 4<sup>th</sup> rate.  
Undergrowth, oak.

Subdivision of Tp. 16 N. Rg. 5 W.

chains

Timber cedar.

Mountainous land, or land covered with dense undergrowth, 79.75 chains.

November 7, 1903.

Sunday, November 8<sup>th</sup> 1903 - In Camp.

November 9<sup>th</sup>: At 8<sup>h</sup>.<sup>00</sup> m.

A.M. l.m.t. I set off

$34^{\circ} 42' 34''$  <sup>46</sup> on lat. arc and

$16^{\circ} 36'$  S. on decl. arc. and

determine a true meridian with the solar at the cor. of seis 22

23, 26 and 27,

Thence I run

$N 0^{\circ} - 01' W$ , bet. seis 22 and 23

over rolling mountains

ascend

4.00

Enter dense cedar timber

## Subdivision of Sp. 16 N. Rg. 5 W.

chains

23.60

Leave dense cedar and descend through dense oak brush

40.00

Set a malapi stone 16 x 8 x 6 ins. 11 ins. in the ground for  $\frac{1}{4}$  sec. cor.; marked  $\frac{1}{4}$  on W face; from which a cedar 10 ins. diam. bears N  $73^{\circ} 20' W$  27 lks. marked  $\frac{1}{4}$  S  $22^{\circ}$  B T  $\checkmark$

No other trees available. Pits impracticable.

And raised a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high W. of cor. through scattered cedars

67.90

descend steep north slope of mountain, through dense brush

80.00

Set a malapi stone 24 x 14 x 5 ins. 18 ins. in the ground for cor. of secs. 14, 15, 22 and 23, marked with 2 notches on E and 3 notches on S edges; from which

A cedar 6 ins. diam. bears S  $66^{\circ} 12' W$  162 lks. dist. marked T 16 N R 5 W

S  $22^{\circ}$  B T  $\checkmark$

## Subdivision of T. 16 N. R. 5 W.

Chains.

A cedar 6" ins. diam. bears N 84° 48' W

133 lks. dist. marked T 16 N, R 5 W,

S 15 BT ✓

An oak 8 ins. diam. bears N 41° 45' E

77 lks. dist. marked T 16 N R 5 W

S 14 BT ✓

No other tree available.

Pits impracticable.

And raised a mound of  
stone 2 ft. base 1½ ft. high  
W. of cor.

Land mountainous.

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

Undergrowth, oak.

Timber, cedar and oak.

Mountainous land, and  
land covered with dense  
undergrowth, 80.00 chus.

Due East on a random line  
bet. sec's 14 and 23.

## Subdivision of Tp. 16 N. Rg. 5 W.

chains

40.00

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

79.57

Intersect N. and S. line at  
32 lks. N. of the cor. of  
sec's 13, 14, 23 and 24

Thence I run

N  $89^{\circ} 46' W$ , on a true line  
bet. sec's 14 and 23Over rolling, rough,  
mountains and through  
dense brush

16.90

cross gulch, 30 lks. wide  
course N. E. bears S. W.

39.785

Point for  $\frac{1}{4}$  cor. falls on  
granite rock in place,  
17 x 12 x 8 ins. above ground.

Cut a cross (x) at exact

point for  $\frac{1}{4}$  sec. cor. and  
 $\frac{1}{4}$  N. of cross, from which,A cedar 5 ins. diam. bears N  $18^{\circ} E$ .37 lks. dist. marked  $\frac{1}{4}$  S 14 B. T. ✓

Subdivision of Tp. 16 N. Rg. 5 W.

chains

No other bearings available.  
Pts impracticable.

44.30 And raised a mound of  
stone 2 ft. base  $1\frac{1}{2}$  high N.  
of cor. and descend  
cross gulch, 15 lbs. wide, course  
N bears S.

79.57 through dense brush  
the cor. of secs 14, 15, 22 and 23.

Land mountainous.

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

Undergrowth oak.

Timber cedar.

Mountainous land and  
land covered with dense  
undergrowth, 79.57 chus.

No: 01' W, bet. secs. 14 and 15

Over rough mountains

## Subdivision of Tp. 16 N. Rg. 5 W.

Chains

- 1.40 Cross Seepage Canyon creek,  
1 chn. wide, course E bears W
- 6.50 through dense brush
- 11.00 Cross gulch, 50 lks. wide  
course S 45° E  
ascend steep south slope  
of mountain through  
dense oak brush
- 40.00 Set a malapi stone 18 x 8 x 5 ins. 12  
ins. in the ground for ¼ sec.  
cor.; marked ¼ on W face; from which  
A cedar 16 ins. diam. bears S 78° 57' E  
189 lks. marked ¼ S 14 B T ✓  
A cedar 6 ins. diam. bears S 57° W  
139 lks. marked ¼ S 15 B T ✓
- 42.25 top of mountain,  
over rolling mountain  
through dense brush
- 52.35 cross gulch, 15 lks. wide  
course S. E.
- 59.20 Enter heavy cedar timber  
and leave dense brush



## Subdivision of Tp. 16 N. Rg. 5 W.

Chains.

80.00

Set a malapi stone 18 x 10 x 8 ins. 12  
 ins. in the ground for cor. of  
 secs. 10, 11, 14 and 15, marked with 2 notches  
 on E and 4 notches on S edges; from which

A cedar, 4 ins. diam. bears N 58°-50' E  
 22 lks. dist. marked T 16 N. R 5 W

G 11 BT ✓

A cedar, 12 ins. diam. bears S 16°-31' W  
 135 lks. dist. marked T 16 N. R 5 W

S 15 BT ✓

A cedar, 8 ins. diam. bears S 42°-18' E  
 135 lks. dist. marked T 16 N. R 5 W

S 14 BT ✓

A cedar, 10 ins. diam. bears N 31°-30' W  
 136 lks. dist. marked T 16 N. R 5 W

S 10 BT ✓

Land mountainous.

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

Undergrowth, oak.

Timber, cedar

Mountainous land, and land  
 land covered with dense  
 undergrowth and heavily  
 timbered land, 80.00 chains.

42.

BOOK 1726

Subdivision of Twp. 16 N. Rg. 5 W.  
chainsS  $89^{\circ} 46' E$  on a random  
line bet. sec's 11 and 14.40.00 Set a temp.  $\frac{1}{4}$  cor.79.65 Intersect N and S line at  
12 lbs. S. of the cor. of  
sec's 11, 12, 13 and 14.

Thence I run

N  $89^{\circ} 51' W$  on a true line  
bet. sec's 11 and 14Over rolling mountains  
and through heavy cedar  
timber39.825 Set a granite stone 16 x 12 x 12 ins. 11  
ins. in the ground for  $\frac{1}{4}$  sec.  
cor.; marked  $\frac{1}{4}$  on N. face; from which  
A cedar 14 ins. diam. bears N  $85^{\circ} 50' E$   
20 lbs. marked  $\frac{1}{4}$  S 11 B T  
A Pine (pinon) 5 ins. diam. bears S  $50^{\circ} 20' W$   
14 lbs. marked  $\frac{1}{4}$  S 11 B Tascend through dense  
brush and heavy cedars

Subdivision of Tp. 16 N. Rg. 5 W.

chains

70.30

Top of mountain  
descend through heavy  
cedar timber

19.65

The cor. of sec's 10, 14, 11 and 15.  
Land mountainous.  
Soil, 3<sup>rd</sup> and 4<sup>th</sup> rate.  
Undergrowth, oak.  
Timber, cedar.

Mountainous land, and  
land covered with dense  
undergrowth and heavily  
timbered land, 79.65 chus.

November 9<sup>th</sup> 1903.

November 10<sup>th</sup>: At 8<sup>h</sup>.00 m.

A.M. L.M. &., I set off

✓  $34^{\circ}-44\frac{1}{2}'$  on lat. arc. and

$16^{\circ}-53\frac{30}{60}'$  on decl. arc and  
determine a true meridian  
with the solar at the cor.

## Subdivision of Tp. 16 N. R. 5 W.

chains

of seis 10-11-14 and 15

Thence I run

No. 01' W. bet. seis 10 and 11

Over broken mountains  
and through heavy cedar  
timber

10.00

Ridge, bears  $N45^{\circ}E$  -  
descend and leave dense  
brush, and through  
scattered cedars

40.00

Set a malpi stone  $14 \times 12 \times 9$  ins. ~~9~~  
ins in the ground for  $\frac{1}{4}$  sec.Cor. marked  $\frac{1}{4}$  on W. face  
from which;A cedar 8 ins. diam. bears  $N66^{\circ}22'W$ 35 lks. dist. marked  $\frac{1}{4}$  S 10 B.T. ✓

no other tree within limits

Pts impracticable. and

raised a mound of stone  
2 ft. base  $1\frac{1}{2}$  ft. high W.

Subdivision of Tp. 16 N. Rg. 5 W.  
Chains.

of cor.

46.00 Descend steep slope through  
dense oak brush

61.20 Cross gulch, 20 fms. wide,  
course  $N 45^{\circ} E$ . and  
ascend

80.00 Set a malapi stone  $20 \times 12 \times 8$  ins. 15  
ins. in the ground for cor. of  
secs. 2, 3, 10 and 11, marked with 2 notches  
on E and 5 notches on S edges;

And

raised a mound of stone  
2 ft. base  $1\frac{1}{2}$  ft. high W.  
of Cor.

No trees available. Pits  
impracticable.

Land mountainous.

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

Undergrowth, oak.

Timber cedar

Subdivision of Sp. 16 N. Rg. 5 W.

chains

Mountainous land and  
land covered with dense  
undergrowth and heavily  
timbered land 80.00 chns.

S 89°-51' E on a random line  
bet. sec's 2 and 11.

40.00 Set temp. 1/4 cor.

79.80 Intersect N. and S line at  
28 chs. S. of cor. of sec's  
1, 2, 11 and 12.

Thence I run

S 89°-57' W on a true line  
bet. sec's 2 and 11.

Over rolling mountains,  
and through dense oak  
brush and scattering cedar.

39.90

Set a malapi stone 16 x 8 x 7 ins. 11  
ins. in the ground for 1/4 sec.  
cor.; marked 1/4 on N face; from which

Subdivision of Sp. 16 N. Rg. 5 W.  
chains.

A cedar 7 ins in diam. bears S 25° 12' E

23 lbs. marked  $\frac{1}{4}$  S 11 B.T. ✓

A Piñon 5 ins. in diam. bears N 21° 5' W

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

ascend, through dense brush

58.75 Top and over mountain

61.55 descend steep slope and  
through dense brush

72.40 Cross gulch, 20 lbs. wide course  
N bears S and ascend

79.80 The cor. of sec 2, 3, 10 and 11.  
Land mountainous.

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

Undergrowth, oak.

Timber, cedar.

Mountainous land and  
land covered with dense  
brush - 79.80 chains.

Subdivision of Sp. 16 N. Rg. 5 W.  
chains.

- No<sup>o</sup>-01' W bet. sec's 2 and 3  
Over rolling mountains and  
through dense brush
- 37.00 Top of granite mountain  
and descend.
- 40.00 Set a granite stone 18 x 10 x 6 ins. 12  
ins. in the ground for  $\frac{1}{4}$  sec.  
cor; marked  $\frac{1}{4}$  on W. face;  
and raised a mound of  
stone 2 ft. base  $1\frac{1}{2}$  ft. high  
W. of cor. Pits impracticable  
No trees within limits,  
ascend, and through  
cedars growing more dense.
- 116.00 Point 9.00 chains E. of Hum-  
phries' Spring.
- 127.00 Cross Humphries Ditch, course  
N30°E bears S30°W, and  
flows 1 cu. ft. per. sec.
- 132.00 Cross Humphries Cañon



Subdivision of Sp. 16 N. Rg. 5 W.  
chains.

50 lks wide, course  $N 25^{\circ} E$   
bears  $S 25^{\circ} W$  and ascend  
through dense brush

161.70 Cross Humphries' wash, 100 lks.  
wide, course  $E$  bears  $W$ .

168.00 Cross road, course  $N. E.$  and  
 $S. W.$

178.99 Intersect the 4<sup>th</sup> Standard  
Parallel North.

Set a malepi stone  $17 \times 12 \times 10$  ins.  $12$  ins.

in the ground for closing  
cor. of secs 2 and 3 marked  
with 2 notches on  $E$  and  
4 notches on  $W.$  and  $C. C.$   
on  $S.$  faces, and raised  
a mound of stone 2 ft.  
base  $1\frac{1}{2}$  ft. high  $S.$  of cor.  
Pits impracticable.

Land mountainous.

Subdivision of Twp. 16 N. Rg. 5 W.  
chains

Soil, 1<sup>st</sup> and 4<sup>th</sup> rate.

Undergrowth, oak.

Timber, cedar.

Mountainous land and  
land covered with dense  
undergrowth and heavily  
timbered land, 178.99 chis.

Hence I run due East on  
a connecting line over  
rolling land and through  
dense brush

9.10

The Standard  $\frac{1}{4}$  sec. cor.  
on the S. bdy. of sec. 35,  
T17 N, Rg. 5 W.

Land, rolling.

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

Undergrowth, dense oak.

Land covered by dense

## Subdivision of Tp. 16 N. Rg. 5 W.

chains

brush, 9.10 chus.

November, 10, 1903.

November, 11, 1903. At 8<sup>h.</sup> 00<sup>m.</sup>

✓ A.M. l.m. t. I set off 34°-41' N

✓ on lat. arc and 17° 10' S on

deci. arc and determine  
a true meridian with the  
solar at the cor. of sec's 33  
and 34.

Thence I run

N 0°-02' W, bet. sec's 33 and 34

Over granite mountains  
and through scattering  
juniper timber

3.50

ascend rough south slope  
of mountain through dense  
oak and cedar brush

19.00

Top of mountain, br N 80° E

Subdivision of Sp. 16 N, Rg. 5 W.  
chains

- and  $S 75^{\circ} W$  and over top of mountain
- 22.30 Descend precipitous N. slope of mountain
- 40.00 Set a granite stone  $24 \times 16 \times 12$  ins. 18 ins. in the ground for  $\frac{1}{4}$  sec. cor.; marked  $\frac{1}{4}$  on W face; from which a pinon 10 in. diam. bears  $S 48^{\circ} 20' W$  29 lbs. marked  $\frac{1}{4}$  S 33 B T V
- No other trees available. Pits impracticable. and raised a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high W. of cor.
- Over broken mountains
- 58.20 Enter dense cedar and oak timber.
- 71.50 Cross road, course N. E. or S. W.
- 80.00 Set a granite stone  $18 \times 10 \times 5$  ins. 12 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked with 3 notches on E and 1 notch on S edges; from which

## Subdivision of Sp. 16 N. Ry. 5 W.

chains:

An oak 12 ins. diam. bears N44°W  
108 lks. dist. marked T 16 N R 5 W

S28 BT

A juniper 24 ins. diam. bears S25°E  
156 lks. dist. marked T 16 N R 5 W

S34 BT

An oak 24 ins. diam. bears S67°W  
79 lks. dist. marked T 16 N R 5 W

S33 BT

No other tree available.

Pits impracticable.

And raised a mound of  
stone 2 ft. base 1½ ft. high  
W. of cor.

Land mountainous.

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

Undergrowth, oak and cedar

Timber, juniper, oak and cedar.

Mountainous land, and land  
covered with dense undergrowth,  
and through heavily timbered  
land. 80.00 chns.

## Subdivision of Sp. 16 N. Rg. 5 W.

chains.

- East on a random line bet.  
secs 27 and 34.
- 40.00 Set temp.  $\frac{1}{4}$  cor.
- 79.88 Intersect N. and S. line  
14 lks. S. of cor. of secs  
26, 27, 34 and 35.
- Thence I run  
S  $89^{\circ}-54' W$ , on a true line  
bet. secs 27 and 34  
Over rough broken  
mountains and through  
dense oak brush
- 16.40 Cross road, bears N and S.  
ascend rough E slope
- 26.00 Top of granite mountain  
and descend, leave brush
- 36.00 Foot of slope
- 39.94 The point for  $\frac{1}{4}$  sec. cor. falls  
on granite boulder in place

Subdivision of Tp. 16 N. Rg. 5 W.  
chains.

2 1/2 x 2 1/2 ft. x 12 ins. above  
ground. Cut a cross (x) at  
exact point for 1/4 cor. and  
1/4 to the M. of cross, from which

An oak 10 ins. diam. bears S 32° E  
87 lbs. dist. marked 1/4 S 34 B.T. ✓

A cedar 17 ins. diam. bears N 39° W  
54 lbs. dist. marked 1/4 S 27 B.T. ✓

ascend mountain

48.20 Top of granites descend

67.80 Cross road bears N 80° E and  
S. W., enter dense oak bush.

76.70 Top of granite rocks.

79.88 The cor. of sec's 27, 28, 33 and 34.

Land, mountainous.

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

Timber, scattering cedar and oak.

Undergrowth, oak.

Mountainous land and land  
covered with dense undergrowth.

Subdivision of Sp. 16 N. N. 5 W.  
chains

79.88 chns.

- No<sup>o</sup>-02' W, bet. seis 27 and 28.  
Over mountains, through dense  
oak and manzanita brush
- 10.20 Cross gulch, course N. E. to S. W.  
ascend rough south slope  
of mountain, brush scattering.
- 38.00 Top of slope over mountain  
thru' scattering cedars
- 40.00 Set a malpais stone 14 x 11 x 9 ins. 10  
ins. in the ground for 1/4 sec.  
cor.; marked 1/4 on W face; from which  
A cedar 10 ins. diam. bears S 60° W  
15 lbs. marked 1/4 S 28  
A cedar 6 ins. diam. bears N 48° E  
103 lbs. marked 1/4 S 27 N T' and  
descend
- 47.60 cross gulch, 5 lbs. wide course  
S. E. to N. W.
- 65.45 Leave timber
- 80.00 Set a malpais stone 14 12 x 10 ins. <sup>10</sup> 9



Subdivision of Tp. 16 N. Rg. 5 W.

chains

ins. in the ground for cor. of  
secs. 21, 22, 27 and 28, marked with 3 notches  
on E and 2 notches on S edges; from which

A juniper 16 ins. diam. bears  $S 89^{\circ} E$   
126 lks. dist. marked T 16 N R 5 W

S 27 BT ✓  
no other bearings available.

Pits impracticable. And  
raised a mound of stone  
2 ft. base  $1\frac{1}{2}$  ft. high W.  
of cor.

Land, mountainous.

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

Timber, cedar

Undergrowth, oak and manzanita.

Mountainous land, and land  
covered with dense under-  
growth, 80.00 chus.

N  $89^{\circ} 54'$  E on a random line  
bet. secs. 22 and 27.

Subdivision of Tp. 16 N. Rg. 5 W.  
chains.

40.00

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

80.00

Intersect a N. and S. line  
12 lks. N. of cor. of seis  
22, 23, 26 and 27.

Thence I run

S  $89^{\circ} 59' W$ , on a true line  
bet. seis 22 and 27Over rolling mountain  
top and through heavy  
cedar timber

40.00

Set a malpais stone  $14 \times 11 \times 6$  ins. <sup>10</sup>  
ins. in the ground for  $\frac{1}{4}$  sec.  
cor.; marked  $\frac{1}{4}$  on N. face; from whichA cedar 8 ins. diam. bears N  $2^{\circ} W$ 46  $\frac{1}{2}$  lks. marked  $\frac{1}{4}$  S 22 B T  $\checkmark$ A cedar 6 ins. diam. bears S  $44^{\circ} W$ 80 lks. marked  $\frac{1}{4}$  S 27 B T  $\checkmark$ 

47.75

Leave cedars and ascend

75.50

Top of mountain, descend  
west slope

80.00

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

Subdivision of Sp. 16 N. Rq. 5 W.  
chains.

Land, mountainous.

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

Timber, cedar

Mountainous land and  
land heavily timbered  
80.00 chus.

November 11, 1903.

November, 12, 1903. At 8<sup>h.</sup> 00<sup>m.</sup>  
A. M. l. m. V. I set off

34° 42<sup>3</sup>/<sub>4</sub>' <sup>N</sup>ow lat. arc and

17° 27' <sup>S</sup> on decl. arc and

determine a true meridia  
with the solar, at the cor.  
of sec's 21-22-<sup>27</sup>28 and 28

Thence I run

N 0°-02' W, bet. sec's 21 and 22

Over, rocky, rolling mountain  
top - descend N. slope

D<sup>5</sup> 60

BOOK 1726

Subdivision of Tps. 16 N. Rg. 5 W.

chains

- 14.00 Descend steep slope
- 24.75 Cross Supage canyon, 50 lbs. wide, course E, bears W ascend, steep south slope
- 36.00 Top of slope, enter dense cedars
- 40.00 Set a malapi stone 26 x 10 x 8 ins. 19 ins. in the ground for  $\frac{1}{4}$  sec. cor.; marked  $\frac{1}{4}$  on W face; from which  
 A cedar 9 ins. diam. bears S 58° W  
 50 lbs. marked  $\frac{1}{4}$  S 21 B T ✓  
 A cedar 8 ins. diam. bears N 85° E  
 70 lbs. marked  $\frac{1}{4}$  S 22 B T ✓
- 67.00 Leave heavy cedar timber and ascend rough slope through dense oak brush
- 80.00 Set a malapi stone 17 x 8 x 6 ins. 12 ins. in the ground for cor. of secs. 15, 16, 21 and 22 marked with 3 notches on S and 3 notches on E edges; from which  
 A cedar 18 ins. diam. bears N 56° E  
 116  $\frac{1}{2}$  lbs. dist. marked T 16 N R 5 W  
 15 to 17 ✓