

SEP 23 1904

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1927

Book "K."

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BOOK 1927

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions of

Fractional
Township No. 11¹/₂ North,
Range No. 11 Eastern

1927

1927

Of the Pine Bluff Meridian,

State of Arizona

AS SURVEYED BY

Chas. J. Campbell, United States Deputy Surveyor,

joint
Under his Contract No. 116, dated April 18, 1904, 189

Survey commenced August 5, 1904, 189

Survey completed August 11, 1904, 189

1927

1927

1927

83, A

NAMES AND DUTIES OF ASSISTANTS.

Oliver D Davis, chairman ✓

C. H. Gutz " ✓

Geo M Brown, secretary ✓

INDEX DIAGRAM.

Township 11 North Range 11 East

6	5	4	3	2	1					
7	8	9	10	11	12					
18	17	16	15	14	13					
19	(19)	20	(20)	21	(21)	22	(22)	23	(23)	24
(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(24)
30	(30)	29	(29)	28	(28)	27	(27)	26	(26)	25
(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)
31	(31)	32	(32)	33	(33)	34	(34)	35	(35)	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

BOOK 1927

WE, Oliver B. Raser and C. H. Goetz
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

Subs of Tract T 11 1/2 North, R 11 East
Oliver B. Raser, Chainman. ✓
C. H. Goetz, Chainman. ✓

Subscribed and sworn to before me this 5th }
day of August, 1894 }



Chas. J. Campbell
Clk. & Dep't. Surveyor

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

_____, Moundman.
_____, Moundman.

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



WE, C. M. Brown and Peoria
do solemnly swear that we will well and truly perform the duties of 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

Subs of Tract T 11 1/2 North, R 11 East
Chas. M. Brown, Axman. ✓
_____, Axman.

Subscribed and sworn to before me this 5th }
day of August, 1894 }



Chas. J. Campbell
Clk. & Dep't. Surveyor

I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

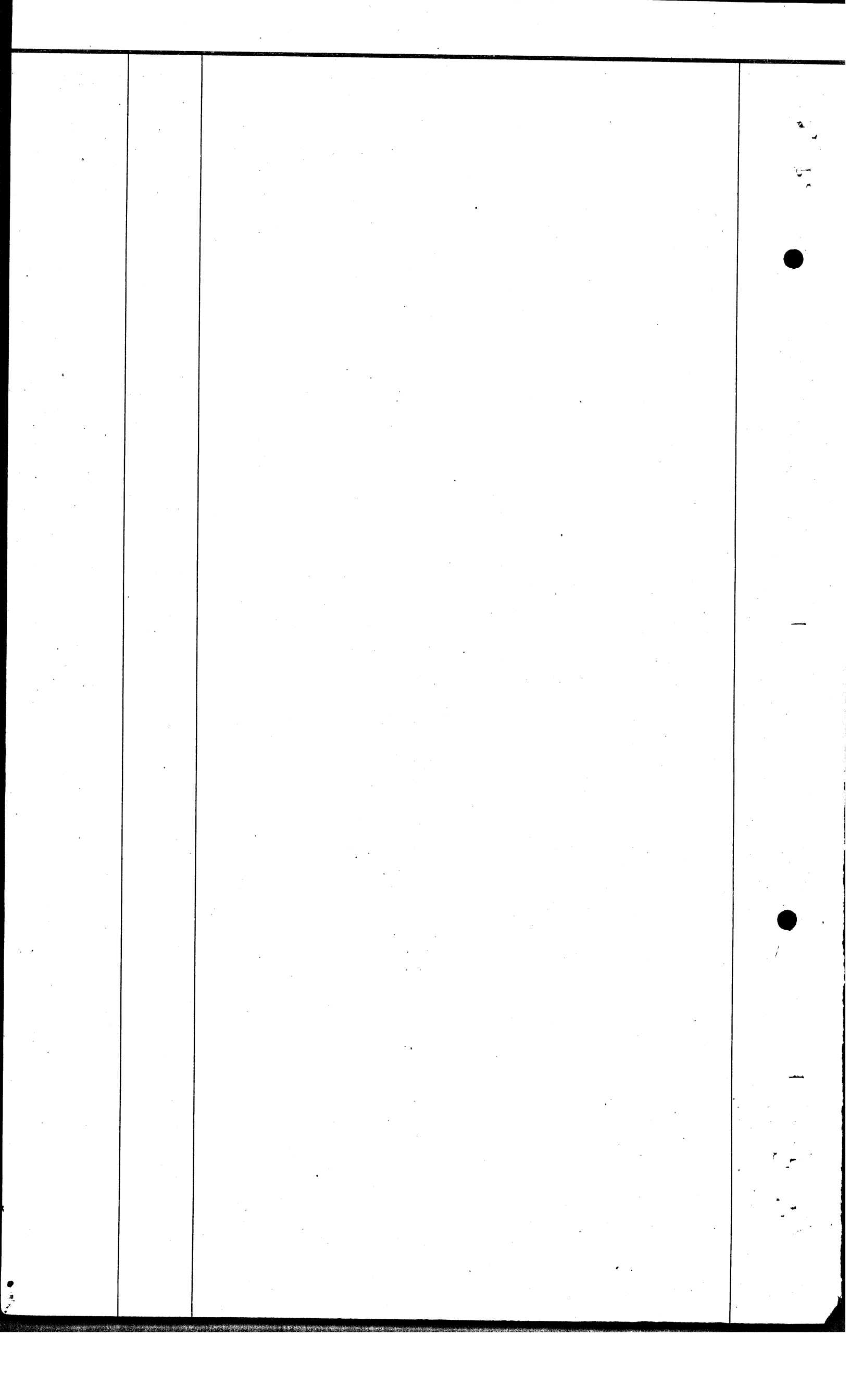
_____, Flagman.

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



Subdivisions of P. 11 1/2 N. R. 11 E.

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Survey commenced on August 5th, 1904 and executed with an improved solar compass, made by H. and L. C. Gurley, with telescope attachment, No. 210. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian of Boston, Mass., found correct and was approved by Geo. H. Campbell, Chief Engineer, on June 1, 1904.

I examined the adjustments of the instrument and find no level or collimation errors; then to test the test the solar apparatus by comparing its indications, resulting from solar observations made during p.m. and a.m. hours with a true meridian determined by observations on Polaris, I proceed as follows:

At the ~~location of~~ ^{location of} Point ~~Shipboard~~ ^{Shipboard} ~~11 1/2 W. R. 110~~ ^{11 1/2 W. R. 110} ~~and 45 latitude~~ ^{and 45 latitude} ~~37 1/2 W. R. 110~~ ^{37 1/2 W. R. 110} ~~longitude~~ ^{longitude} ~~111 1/2 W. R. 110~~ ^{111 1/2 W. R. 110} ~~of~~ ^{of} ~~the~~ ^{the} ~~lot~~ ^{lot} ~~arc~~ ^{arc}

BOOK 1927

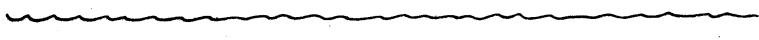
16° 55' N. on the decl. arc and at 7^h 00^m P.M., C.M.F., determine a meridian with the solar and mark a point there on the stone, set 5 chs N. of my station on July 12 and described in Part 10, Extension of P. 10 T. R. 10 S.
 August 5, 1904

August 6: At 7^h 30^m A.M., C.M.F., I set off ^{34'} ^{20'} on the lat. arc, 16° 45' N. on the decl. arc and determine a meridian with the solar, and mark a point in the line, thus determined, by cutting a long narrow groove in the stone already set 5 chs N. of my station. This mark is ^{ins.} east of the mark determined by the Polaris observation on July 12; and 0.7 ins east of the mark determined by the solar on August 5th.

The solar observations by P.M. and A.M. observations define positions for true meridians, respectively about 0.10" east and 0.16" west of the meridian determined by the Polaris observations for July 12th; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian of

From a.m. (m.t.) is N. 142 30' W.
 the angle thus determined
 gives the mean magnetic
 declination 142 30' E.



Commence at the cor. of
 sec. 1, 2, 3 and 4 on the S.
 side of T. 11 1/2 N., R. 11 E.

Thence I run
 N. 82 01' W. bet. sec. 35 and 36
 over rolling land through
 heavy timber and scattered
 undergrowth.

9.00 Dry bed of stream, 20 lbs. wide,
 in ravine, 50 ft. deep, course
 N. 80' W.

20.20 Ridge of pine, 100 ft. high, slopes
 N. 80' W.

40.00 Set an iron stake, 2 1/2 x 2 1/2 x 5 ins.,
 1 1/2 ins. in the ground, for
 1/4 sec. cor., marked 1/4 on the
 N. face, from which

A pine, 40 ins. dia., bears N.
 64 1/2° E., 100 lbs. dist., marked
 1/4 S 30' P.

A pine, 35 ins. dia., bears N.
 15° W., 21 lbs. dist., marked 1/4
 S 30' P.

50.00 Dry bed of stream, 10 lbs. wide,
 in ravine, 50 ft. deep, course
 N.

59.80 Trail, bears E. and W.

60.20 A pine, 30 ins. dia. on line, I
 mark with 2 notches on the
 N. and S. sides.

80.00 The true point for cor. of sec.
 25, 26, 27 and 28, falls on a
 ledge 5 x 3 x 1 ft. above the
 ground. At the exact point

Subdivisions of T. 11 1/2 N., R. 10 E.

BOOK 1927

I cut a cross for cor. of sec
 25, 26, 28 and 29; and mark
 a notch on the T. and E.
 edges; from which
 a pine, 10 ins. dia, bears N.
 51° E. 34 lks. dist, marked
 T. 11 1/2 N. R. 10 E. T. 25 P. 1.
 An oak, 8 ins. dia, bears N. 41° E.
 15 lks. dist, marked ~~T. 11 1/2 N. R. 10 E.~~
 E. T. 26 P. 1.

An oak, 5 ins. dia, bears T. 15°
 N. 30 lks. dist, marked T. 11 1/2 N.
 R. 10 E. T. 25 P. 1.

An oak, 10 ins. dia, bears N. 21° E.
 50 lks. dist, marked T. 11 1/2 N.
 R. 10 E. T. 26 P. 1.

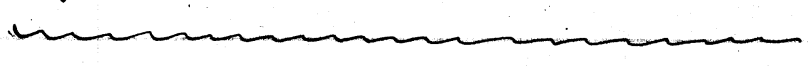
Land, rolling.

Soil, sandy, and and red
 slate.

Timber, pine and oak.

Undergrowth, oak brush and
 chokosal.

Heavily timbered lands, 8 rocks. N



T. 8 92° 56' E. on a random line bet
 sec. 25 and 26.

4000 feet temp. 4 sec. cor.

80.10 Intersect E. Rdy. of township at
 the cor. of sec. 25, 26, 27 and 28.

A fence, 1/2 run

N. 89° 56' W. on a true line
 bet. sec. 25 and 26.

One rolling basin through
 heavy timber and scattering
 upland growth.

3.5.2 of pine, 8 ins. dia. in line
 An oak with 2 notches on the
 E. and N. sides.

14.20 dry bed of stream, 10 lks.

- 15.95 Hagon road, bears N. 80° W. and
 S. 60° E.
- 20.45 Same dry bed of stream, course
 N. 20° W. Abundant
- 21.90 Same wagon road, bears
 N. 60° W. and S. 60° E.
- 36.00 ~~Tree~~ 50 ft. high, slopes N. W.
- 40.55 Set an iron stone, 15 x 10 x 8 ins.,
 10 ins. in the ground, for
 1/4 sec. cor., marked 1/4 on the
 N. face; from which
 A juniper, 24 ins. dia., bears
 N. 89° E., 54 lbs. dist., marked
 1/4 S. 20° E.
- A pine, 40 ins. dia., bears
 90° E., 51 lbs. dist., marked 1/4
 S. 1/2 E.
- 43.50 Hagon road, bears N. and S.
- 58.90 A pine, 30 ins. dia. on line, I
 mark with 3 notches on the
 E. and W. sides.
- 26.50 dry bed of stream, 10 lbs.
 wide, in ravine, 25 ft. deep,
 course S. 80° W. (see rolling
 bottom.)
- 50.10 The cor. of secs. 25, 26, 35 and
 36.
 Land, rolling.
 Soil, sandy and gravelly,
 red and 4th rate.
 Timber, pine and oak.
 Undergrowth, small pines,
 oak bush and chopscall.
 Heavily timbered lands,
 80, 10 lbs.

~~~~~  
 N. 80° W. set sec 25 and 26

Subdivisions of T. 11 1/2 N. R. 11 E.

BOOK 1927

Over rolling bottom  
through heavy timber  
and scattered under-  
growth.

157.75 Creek, 5 lks. wide, inearing  
100 ft. deep, course S. H.

Across rolling S. slope.

4000 Lef a sandstone, 15 x 12 x 10  
ins., 10 ins. in the ground, for  
1/2 sec. cor., marked 1/4 of  
the S. face, from which

A juniper, 10 ins dia, bears  
N. 1/2 E., 100 lks. dist.,  
marked 1/4 of S. 1/2 of P.

A juniper, 10 ins dia,  
bears S. 1/2 E., 100 lks.  
dist., marked 1/4 of S. 1/2 of P.

51.45 Hagon road, bears  
N. E. and S. H. down undergrowth

56.65 Fence of the Reed of John  
bears N. E. and S. H.

66.30 Reards honey bears S.,  
100 lks. dist.

62.60 Fence, bears N. E. and S. H.

28.40 Draw, 25 ft. deep, course  
S. H.

8000 Lef a sand stone, 18 x 12 x  
10 ins., 10 ins. in the ground,  
for cor. of sec. 2 of 4, 1/2  
land 1/2 of marked with  
2 notches on S. and 1  
notch on E. edges, from  
which

A juniper, 10 ins dia, bears  
N. 1/2 E., 100 lks. dist., marked  
1/4 of N. 1/2 of R. 11 E. S. 1/2 of P.

A juniper, 10 ins dia,  
bears S. 1/2 E., 100 lks. dist.,  
marked 1/4 of N. 1/2 of R. 11 E. S. 1/2 of P.

A pine, 10 ins dia, bears

S. 7 1/2 T., 11 1/2 R. dist.  
marked S. 11 1/2 T. R. 11 E. ✓  
D. J.

An oak, 5 in. dia, base  
N. 8 1/2 T., 11 1/2 R. dist.  
marked S. 11 1/2 T. R. 11 E. ✓  
D. J.

Land, rolling.  
Soil, sandy, red color.  
Timber, pine, oak and  
juniper.

Undergrowth; small pines,  
laurel and oak brush.  
Heavily timbered or lands  
covered with dense  
undergrowth, sycokes.

Aug. 6: At this sec. cor.,  
D. J. of 16-40 1/2 N. on the  
dist. line and at 10 1/2 0 6 1/4  
P. M., L. M. T., observe the sun  
on the meridian; the  
resulting lat. is 34° 2 1/2 N.  
which is correct.

S. 89° 56' E. on a random  
line bet. sec. 24 and 23.

4000 ft temp. 1/4 sec. cor.  
2250 Interesting S. 11 1/2 T. R. 11 E. of the  
of 11 1/2 T., 11 1/2 R. of the cor. of  
secs. 19, 24, 29 and 30.

Stance  
N. 89° 42' W. on a true line  
bet. sec. 24 and 23.

Ascend over mountainous  
land, through scattering  
timber and  
undergrowth.

40 Davids, 100 ft. dist. on  
S. 11 1/2 T.

Subdivisions of T<sub>115</sub> N, R. 11 E.

BOOK 1927

- 19.00 Spur, 100 ft. high, slopes  
S. H. Record.
- 26.40 Trail, bears N. E. and S. H.
- 33.00 Ditch, 100 ft. deep, course  
S. H.
- 38.00 Spur, 75 ft. high, slopes S. H.
- 39.90 Set of sandstone, 10x10x  
8 ins., 10 ins. in the ground,  
Joe + reg. cor., marked  $\frac{1}{4}$  of  
the N. face; from which  
A pine, 14 ins. dia., bears  
N. 50° E., 39 lbs. dist., marked  
 $\frac{1}{4}$  S 44° P.
- A pine, 8 ins. dia., bears  
S. 42° H., 27 lbs. dist., marked  
 $\frac{1}{4}$  S 25° P.
- 46.40 Trail, bears N. E. and S. H.
- 58.80 Brush fence, bears N. E. and  
S. H.
- 60.50 Leave timber and under-  
growth and enter field,  
bears N. E. and S. H.
- 62.80 Leave field, bears N. E. and  
S. H. and enter timber  
and dense undergrowth.
- 68.80 Fence, bears N. E. and S. H.
- 64.40 Ditch, 5 lbs. wide in  
ravine, 100 ft. deep, course  
S. H.
- 69.70 Road, bears N. E. and S. H.
- 70.00 Enter orchard and leave  
heavy timber and dense  
undergrowth, bears N. E.  
and S. H.
- 75.00 Leave orchard, bears N. E.  
and S. H. and enter  
heavy timber and scat-  
tering undergrowth.
- 79.80 The cor. of sec. 20, 24, 25  
and 26.  
Land, level, rolling and

mountainous.  
Loif, sandy loam and  
alluvial, at and end  
of it.

Timber, pine, oak and  
juniper.  
Undergrowth, small pines,  
laurel, chopwood and  
bad brush.

Mountainous, heavily  
timbered or lands covered  
with dense under-  
growth, > 1.50 lbs. ✓

No. 011th. bet. sec. 20 and  
21th.

Over mountainous land  
through heavy timber  
and dense undergrowth.  
4.50 ✓ Pine, 20 ft. high, slopes  
S. th.

8.20 Draw, 50 ft. deep, course S. th.

9.40 Road, bears N. E. and S. th.

12.00 ✓ Pine, 20 ft. high, slopes  
S. th.

Found a sand stone, 10 x 12 x 8  
ft. ins., 18 ins. in the ground.

For 1/4 sec. cor., marked 1/4  
South th. face; from which  
A juniper, 4 in. dia., bears  
S. 41 1/2° E., 90 lbs. dirt, marked  
1/4 S 24° W 1/4

A juniper, 6 in. dia., bears  
S. 29° th., 65 lbs. dirt,  
marked 1/4 S 20° W 1/4

4.25 Draw, 50 ft. deep, course  
S. th.

4. Interest Block Mesa River  
Road, reaches E. of the

Subdivisions of T. 11 1/2 N, R. 11 E

BOOK 1927

with <sup>Bdy</sup> ~~the~~ Post, which is  
 the cor. of secs. 33 and  
 34; said cor. being an  
 iron post with brass  
 cap, marked and wit-  
 nessed as described by the  
 surveyor general. <sup>I distinctly remember</sup>  
<sup>point of said Bdy Post referring to this township</sup>  
<sup>of Iowa</sup> Intersected  
 set a sand stone, 18" x 14" x  
 8 ins., 8 ins. in the  
 ground, for closing cor.  
 of secs. 33 and 34, marked  
 C. C. on the S. face, with  
 1 groove on the E. and 5  
 grooves on the N. face;  
 from which

An oak, 8 ins. dia., bears  
 S. 40° E., 45 lbs. dist., marked  
 T. 11 1/2 N, R. 11 E, S. 34 P. 1

An oak 14 ins. dia., bears  
 S. 70° W., 45 lbs. dist., marked  
 T. 11 1/2 N, R. 11 E, S. 34 P. 1

Land, mountainous.  
 Soil, sandy and gravelly;  
 red and white. Timber,  
 pine and oak. Undergrowth,  
 oak brush, laurel and small pines.  
 Mountainous, heavily  
 timbered or lands covered  
 with dense undergrowth  
 2. 10 x 10

August 6, 1904

August 7, 1904 At 9 1/2 a.m. A.M. left I set off  
 34° 20' N on the lat. arc, 16° 28' N on the dial  
 and determine a meridian at

the cor. of secs. 33, 34,  
 35 and 36, thence I run  
 down

N. 50° 01' W. bet. secs. 34 and 35  
 Great rolling basin through



heavy timber and scap-  
terific undergrowth.  
11.75 Ridge spur, 100 ft. high,  
slope th.

4.000 Set an iron stone, 18x18x4  
1/2 in., 10 in. in the ground,  
Joc. rec. cor., marked 1/4  
th. H. Jac.; from which.

A pine, 24 in. dia., bears  
N. 30° th. 50 lbs. dist., marked  
1/4 ✓ 3/4 P. J.

An oak, 10 in. dia., bears  
050° E. 1/2 lbs. dist., marked 1/4 ✓  
05 P. J.

56.06 A juniper, 26 in. dia., 57 in. long,  
marked with 2 notches on the  
N. and S. sides.

25.20 A cut, 40 lbs. wide, in draw,  
25 ft. deep, course th.

26.55 A wagon road, bears E. and th.  
5.000 Set an iron stone, 18x18x10  
1/2 in., 10 in. in the ground,

Joc. cor. of recs. 26, 27, 24 and 25  
marked with 1 notch on  
the S. and 2 notches on the  
E. edges, from which

A pine, 50 in. dia., bears th.  
20° E., 50 lbs. dist., marked  
1 1/2 N. D. 11 C. 1/2 25 P. J.

An oak, 24 in. dia., bears S.  
60° E., 15 lbs. dist., marked  
1 1/2 N. D. 11 C. 1/2 35 P. J.

An oak, 26 in. dia., bears S.  
60° th., 55 lbs. dist., marked  
1 1/2 N. D. 11 C. 1/2 47 P. J.

A juniper, 28 in. dia., bears  
N. 40° th., 95 lbs. dist., marked  
1 1/2 N. D. 11 C. 1/2 27 P. J.

Land, rolling.  
Soil, sandy, sandstone,  
D. 11 1/2, H. 11 1/2, oak and

# Subdivisions of T<sub>12</sub> N, R<sub>11</sub> E

BOOK 1921

juniper.  
 Undergrowth, oak brush,  
 small pines and laurel.  
 Heavily timbered lands  
 5000 ft.

---

V. 89°-86' C on a random  
 line bet. sec. 26 and 25  
 4000 ft temp.  $\frac{1}{4}$  sec. cor.  
 8000 ft. 14 lbs. S. of the cor.  
 of sec. 25, 26, 27 and 26.

Stacey Run

V. 89°-88' H on a true line  
 bet. sec. 26 and 25  
 Over rolling basin through  
 heavy timber and  
 scattering undergrowth.  
 4000 feet, 15 lbs. wide, in  
 ravine, 50 ft. deep, course  
 N. 10° E.

12.05 Road, bears N. 20° E. and S  
 20° H.

13.46 A pine, 86 ino dia on line,  
 mark with 2 notches on E  
 and H. sides.

25.60 Road, bears N. and S.  
 4000 ft an iron stone, 15x104  
 1' 5 ino, 10 ino. in the ground.

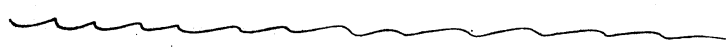
For  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on  
 the  $\frac{1}{4}$  N. face, from which  
 of pine, 25 ino dia, bears  
 N. 8° E, 54 lbs. dist, marked  
 $\frac{1}{4}$  V 26 R 1.

A pine, 40 ino. dia, bears  
 N. 29 $\frac{1}{2}$ ° E, 47 lbs. dist, marked  
 $\frac{1}{4}$  V 25 R 1.

49.25 A log pine, bears N. and S.  
 54x40 feet bed of stream, 25 lbs.  
 wide, in banks, 10 ft.  
 high, course N. 10° E.

56.05 A pine, 40 in. dia. at base,  
limb with a notch on  
E and W sides.  
500 The cor. of sec. 26, 27, 28  
and 25.  
Land, rolling.

Soil, sandy, red color.  
Timber, pine, fir and  
oak.  
Undergrowth, oak brush,  
small pines and laurel.  
Heavily timbered lands,  
sloping.



7.02-011 St. bet. sec. 26 and  
27.

Over rolling basin through  
heavy timber and  
extensive undergrowth.

22.10 A very big st. bet. 25  
lks. wide, in draw, 25 ft.  
deep, course S. 80. W.

4000 Set an iron stone, 18 x 10 x 5  
ins., 10 ins. in the ground,  
for 1/4 sec. cor., marked  
on the st. for; from  
which

A pine, 24 in. dia., base  
N. 60. E., 19 lks. dist., marked  
1/4 26 D V.

A pine, 14 in. dia., base  
N. 65. W., 95 lks. dist., marked  
1/4 25 D V.

502.58 Ridge spur, 50 ft. high,  
20 ft. thick, dense undergrowth

6100 Down, 100 ft. deep, course  
th. scattering timber

5000 Set a slate stone, 18 x 10 x  
5 ins., 10 ins. in the ground,  
for cor. of sec. 22, 23, 24

# Subdivisions of I 11 1/2 N R 11 E

BOOK 1927

and 27, marked with  
notches on the land E  
edges; from which  
A juniper, 8 in dia, bears  
N 60° E, 40 lbs, dist, marked  
I 11 1/2 N R 11 E T 26 D 1

A juniper, 10 in dia,  
bears N 40° E, 100 lbs, dist,  
marked I 11 1/2 N R 11 E T 26  
D 1. No other trees in

limits; raised mound of  
stone, 2 ft base, 1 1/2 ft  
high, N of cor.; pits im-  
practicable.

Land, rolling.

Soil, sandy, red color.

Timber, Spruce, oak and  
juniper.

Undergrowth, small pines,  
oak brush and laurel.

Heavily timbered lands  
covered with dense under-  
growth; 5 oaks

N 89° 58' E on a sandstone  
line bet. sec 25 and 26.

4000 ft temp. 1/4 sec. cor.

80.44 intersect Wand T line, 18 lbs.

Top of the cor. of sec 22, 23, 26  
and 27.

Survey line

S 89° 50' E on a true line  
bet. sec. 25 and 26

Over mountainous land  
through heavy timber  
and dense undergrowth.

4000 saw, 55 ft. deep, 4 feet 1/2 in.

2000 ft. 50 ft. high, slopes  
toward the S. E.

Subdivisions of T. 11 1/2 N., R. 11 E.

BOOK 1927

40.12 Structure point for 1/4 sec. cor., follows a ledge 2 x 2 ft. above ground. At this exact point

OK

cut a cross for 1/4 sec. cor. and marked 1/4 with 1/4 pole; from which an oak, 20 ins. dia., bears N. 100° W. 1200. dist., marked 1/4 V 23 P. I.

An oak, 16 ins. dia., bears S. 20° W. 2000. dist., marked 1/4 V 26 P. I.

52.00 beam, 20 ft. deep, course S. H.

61.00 Spruce, 100 ft. high, slopes S. H.

76.00 beam, 20 ft. deep, course S. H. through scattering timber.

1927

80.24 1/4 sec. of secs 22, 23, 24 and 25

Land, mountainous. Soil, sandy and gravelly, red and with rot. Timber, pine and oak. Undergrowth, small pines, hickory and oak brush. Mountainous, heavily timbered or lands covered with dense undergrowth; 80.24 chs

N. 20° W. bet. secs 22 and 23. Crossing over mountainous land through scattering timber and dense undergrowth.

61.00 Spruce, 100 ft. high, slopes S. H.

BOOK 1827

20.28 draw, 55 ft. deep, course S. 1/4 N.

25.00 1/2 fur, 120 ft. high, slopes toward the S. 1/4 N.

woodland, 20 ft. deep, course S. 1/4 N.

40.00 Set a sand stone, 18 x 8 x 6 ins., 10 ins in the ground, for 1/2 sec. cor., marked 1/2 on the N. 1/4 sec., from which

An oak, 8 ins dia., bears N. 10 1/2 E., 40 lbs. dist., marked 1/2 2 2 2 2 2 2

An oak, 10 ins dia., bears S. 20 1/2 W., 20 lbs. dist., marked 1/2 2 2 2 2 2 2

41.00 1/2 fur, 150 ft. high, slopes toward the S. 1/4 N.

58.50 deep bed of creek, 20 lbs. wide, in ravine 20 ft. deep, course S. 1/4 N.

70.10 Entered Black Mesa River

Body, 150 chs E. of the cor. of sec. 22 and 23 which is the

33rd ~~1/2~~ Post of the Black Mesa River Body, said

sec. being an open post, with base cor. marked and witnessed as described

by the surveyor general. At point of interesting set a sandstone, 18 x 12 x 6

ins., 10 ins in the ground, for closing cor. of sec. 22 and 23, marked with C. E. on S. face, and 2 grooves on E. and 2 grooves on the N. face; from which

A juniper, 14 ins dia., bears S. 64 E., 10 lbs. dist., marked T. 11 1/2 N., R. 11 E. S. 2 2 2 2 2 2

An oak, 10 ins dia., bears S. 40 1/2 W., 5 lbs. dist., marked

T. 116 N. R. 11 E. S. 22 P. 9  
Land, mountainous  
Soil, gravelly; red and  
with peat.  
Timber, pine, oak and  
juniper.

Undergrowth, small ferns,  
oak brush and laurel.  
Mountainous or lands covered  
with dense undergrowth  
to 10 cks.

Prescott at noon prevented  
taking the latitude.

August 7, 1904

I destroy accessories south of said Bdy. post. referring  
to T. 116 N. R. 11 E.

August 8: At 7:05<sup>am</sup> a.m. (m.f.)  
I set off 34-25 N. on the  
lat. sec; 16-11 1/2 N. on the  
acc; and determining a reading  
with the rods of the sec.  
of sec. 3, 4, 33 and 34.

At times I run  
N. 0-02 St. bet. sec 33 and 34.  
Over mountainous land  
through scattering timber and  
scattering undergrowth.

16.00 Summit of divide, 200 ft.  
high, base E. and W.

40.00 Pit on ironstone, 18x12x4  
ins, 12 ins. in the ground.

OK Joe 1/2 sec. cor. marked 1/4 on  
the St. Joe. No trees suitable  
Joe working in limits;  
raised mound of stone,  
27 ft. base 1 1/2 ft. high, St.  
of cor., pits impracticable.

60.00 Foot of descent, 100 ft below  
divide, base E. and W.  
Over rolling basin, through

Subdivisions of T. 11 1/2 N. R. 11 E.

BOOK 1927

heavy timber

67.00 West bed of stream, in banks  
5 ft. high, course N. 80. W.

68.10 Road, bears E. and th

80.00 Set an ironstone, 2x1 1/2 x 1.0  
R. ins, 1.8 ins in the ground.

For cor. of sec 2, 28, 30 and  
34, marked with 1 notch on  
the S. and 2 notches on the  
E. edge, from which

An oak, 14 ins dia, bears  
N. 25° E., 103 lks. dist, marked  
T. 11 1/2 N. R. 11 E. T. 27 P. 1

An oak, 10 ins dia, bears  
N. 22° E., 55 lks. dist, marked  
T. 11 1/2 N. R. 11 E. T. 27 P. 1

A pine, 10 ins dia, bears  
N. 22° E., 58 lks. dist, marked  
T. 11 1/2 N. R. 11 E. T. 27 P. 1

A pine, 6 ins dia, bears  
N. 26° E., 129 lks. dist, marked  
T. 11 1/2 N. R. 11 E. T. 27 P. 1

Land, rolling and moun-  
tainous.

Soil, sandy, and under  
oak.

Timber, pine, oak and  
juniper.

Undergrowth, small pines,  
oak bush and laurel.

Mountainous, heavily timbered  
the land covered with  
dense undergrowth,  
sycamores.

T. 29. 26. E on a sandy line  
bet. sec 27 and 28

40.00 Set temp. 1/2 sec. cor  
80.04 Nail 5 lks. S. of the cor.  
of sec 26, 27, 28 and 30



Traverse I run  
T. 89: 52' N. of a true line  
bet. sec. 27 and 28  
Over rolling basin  
through heavy timber  
and scattering under-  
growth.

12. 00 A pine, 40 ins dia., on line,  
I mark with 2 notches on  
the E. and N. sides.

40. 00 A large aspen, 18 x 18 x 4  
ins., 10 ins. by the ground,  
Joc 7 sec. cor. marked 7/8 of  
the N. Joc; from which

A pine, 18 ins. dia., bears  
N. 80. E., 40 lbs. dist., marked  
7/8 of P. J.

7 An oak, 10 ins. dia., bears  
N. 80. W., 54 lbs. dist., marked  
7/8 of P. J.

42. 00 Stock trail bears N. and E.  
48. 00 Dry bed of stream, 20 lbs.  
wide, in banks of E. bridge,  
course S.

80. 04 The cor. of sec. 27, 28, 29 and  
30 marked with  
Land, rolling  
loam, sandy and calc.  
Timber, pine, oak and  
juniper.

Undergrowth, small pines,  
oak brush and laurel.  
Heavily timbered lands,  
80. 0 4 chs

N. 80. 0 2' N. of true line  
bet. sec. 27 and  
28

Over rolling basin through  
heavy timber and  
scattering undergrowth

BOOK 1927

49.00 Spruce, 100 ft. high, slopes toward the S. E.

49.00 Decid., 20 ft. dup, course of the

4000 Let a slate stone, 12 x 12 x 10 ins, 8 ins in the ground  
61 Joe <sup>1</sup>/<sub>4</sub> sec. cor, forked <sup>1</sup>/<sub>4</sub> long the S. face; from which  
A. principle, 10 ins. dia., bears  
N <sup>30</sup>/<sub>2</sub> E, 1/2 lbs. dist, marked  
S <sup>30</sup>/<sub>2</sub> W

4000 Oak, 14 ins dia., bears  
S <sup>30</sup>/<sub>2</sub> E, 1/2 lbs. dist, marked  
S <sup>30</sup>/<sub>2</sub> W

51.00 Spruce, 100 ft. high, slopes S. E. P. have over dears and spruce.

8000 Let a sand stone, 8 x 12 x 10 ins, 18 ins in the ground, Joe cor.

61 Joe cor. 21, 22, 27 and 28, marked with 2 notches on the S. and 3 notches on the E. edges; from which  
A. oak, 6 ins dia., bears  
N <sup>30</sup>/<sub>2</sub> E, 1/2 lbs. dist, marked  
S <sup>30</sup>/<sub>2</sub> W

~~A. oak, 10 ins dia., bears  
S <sup>30</sup>/<sub>2</sub> E, 1/2 lbs. dist, marked  
S <sup>30</sup>/<sub>2</sub> W~~

~~A. oak, 10 ins dia., bears  
S <sup>30</sup>/<sub>2</sub> E, 1/2 lbs. dist, marked  
S <sup>30</sup>/<sub>2</sub> W~~

4000 Oak, 6 ins dia., bears  
S <sup>30</sup>/<sub>2</sub> E, 1/2 lbs. dist, marked  
S <sup>30</sup>/<sub>2</sub> W

4000 Oak, 6 ins dia., bears  
S <sup>30</sup>/<sub>2</sub> E, 1/2 lbs. dist, marked  
S <sup>30</sup>/<sub>2</sub> W. No other trees within line  
and raised as mdy. of stone 2 ft base 1 1/2 ft. high. W. of cor. Pits impracticable  
and, so limit and mountainous

Soil, sandy; red water.  
Timber, Spruce and oak.  
Undergrowth, oak brush  
and small pines  
Mountainous, heavily

timbered or lands covered with dense undergrowth; 5.000  
 N. 89:50 E. on random line bet. secs. 33 and 37.  
 Interest cor. of secs. 32, 33, 36 and 37.  
 N. 89:50 E. on a true line bet. secs. 33 and 37.  
 Open, over mountainous land through scattering timber and dense undergrowth.  
 6.00 T. pine, 50 ft. high, slopes S. H.  
 22.00 Draw, 50 ft. deep, course S. H.  
 30.10 Road, bears N. E. and S. H.  
 37.00 T. pine, 100 ft. high, slopes S. H.  
 38.75 Road, bears N. E. and S. H.  
 40.00 Set a sand stone, 15 x 14 x 6 ins., 10 ins. in the ground for 1/4 sec. cor., marked 1/4 S. H. P. I. from which  
 A pine, 14 ins. dia., bears N. 65: E., 18 lbs. dist., marked 1/4 S. H. P. I.  
 A pumpkin, 10 ins. dia., bears S. 54: W., 58 lbs. dist., marked 1/4 S. H. P. I.  
 23.00 T. pine, 100 ft. high, slopes toward the S. H.  
 26.00 Draw, 20 ft. deep, course S. H.  
 50.00 The cor. of secs. 31, 32, 37 and 38.  
 Land, mountainous.  
 Soil, sandy and stony, and and S. H. slope.  
 Timber, pines oak and pumpkin.  
 Undergrowth, small pines

BOOK 1927

oak bush and laurel. Mountainous or land covered with dense undergrowth, rocks.

N. 0-00' St. bet. sec 21 and 22.

Ascend over mountainous land, through scattering timber and dense undergrowth.

27750 St. across road, deep sec. 21 E. marked S. St.

28200 St. across, 100 ft. deep, across toward the S. St.

40000 Set a stone stone, 18x12x5 ins., 18 ins. in the ground.

41000 Joe's sec. cor., marked 4 on the S. Joe; from which

A pine, 5 ins dia, bears N. 40° E., 160 yds. dist, marked 1, 2, 3 & P. P.

Air oak, 10 ins dia, bears N. 34° W., 76 yds. dist, marked 1, 2, 3, P. P.

71150 Intersect Black Mesa Reserve Rdy., 100 chs. E. of the cor.

of sec. 21 and 22 which is an iron post, with cross cap, marked and witnessed as described by the surveyor general.

At point of intersect set a sand stone, 20x14x5 ins., 18 ins in the ground, from closing cor. of sec 21 and 22, marked L. C. on the S. Joe; with 8' ground

on the E and N sides,  
from which  
An oak, 10 in. dia., bears  
S. 5° E., 42 lbs. dia., marked  
T 11 1/2 N. R 11 E V 25 P 1.  
An oak, 10 in. dia., bears  
S. 4 3/4° E., 26 lbs. dia.,  
marked T 11 1/2 N. R 11 E V  
21 P 1.

OK

Land, mountainous.  
Soil, sandy; red color.  
Timber, pine, oak and  
juniper.

Undergrowth, small pine,  
pine, oak brush and  
blanch.

Mountainous or lands  
covered with dense  
undergrowth, 71.68 cks

1927

I destroy accessories south of said ldy. post cor. referring  
to T 11 1/2 N. R 11 E. Aug. 8, 1904

~~August 9. At 7:00 am  
A.M. l.m.f. set of oak  
25' N. on the lat. acc;  
15° 04' N. on the decl. acc;  
and determine a meridian  
with the poles of the  
cor. of sec. 4, 5, 6 and 7  
of Twp. 11 N. R. 11 E.  
15° 02' 03" N. of sec. 6 and  
7  
Over mountainous land though  
scattered timber and dense  
undergrowth.  
400 ft. off of mountain, 400 ft.  
below sec. cor. bears  
E and N.  
Hagon road, bears E and N.~~

For this mile  
see page 1  
supplemental  
notes hereto  
attached

Subdivisions of  $\mathbb{P}_{11\frac{1}{2}} \mathbb{N}, \mathbb{R}, \mathbb{E}$

BOOK 1927

- 4000 Let a sandstone, 18x12x4  
ins, 6 ins in the ground,  
struck sock and raised  
mound of stone around  
for  $\frac{1}{2}$  sec cor, marked  $\frac{1}{2}$  on  
the  $\frac{1}{2}$  th. face; from which  
An oak, 12 ins dia, bears  
N. 60° E, 24 lbs. dist, marked  
 $\mathbb{P}_{11\frac{1}{2}} \mathbb{N}, \mathbb{R}, \mathbb{E}$
- $\frac{1}{2}$  A walnut, 12 ins dia, bears  
N. 54° th, 15 lbs. dist, marked  
 $\mathbb{P}_{11\frac{1}{2}} \mathbb{N}, \mathbb{R}, \mathbb{E}$
- 40.35 Bay bed of stream, 23 lbs.  
width, course th.
- 40.20 Around S slope of ridge.  
64.00 Swide bet. creek, 600  
ft high, bears E and th.
- 65.00 Under heavy timber, bears  
E and th.
- 8000 Let an ironstone, 20x12x4  
6 ins, 15 ins in the ground,  
for cor. of sec 28, 29, 30 and  
31, marked with 1 notch  
on the S and 4 notches on  
the E edge. from which  
A juniper, 12 ins dia,  
bears N. 25° E, 24 lbs. dist,  
marked  $\mathbb{P}_{11\frac{1}{2}} \mathbb{N}, \mathbb{R}, \mathbb{E}$
- A juniper, 16 ins dia, bears  
N. 15° E, 85 lbs. dist, marked  
 $\mathbb{P}_{11\frac{1}{2}} \mathbb{N}, \mathbb{R}, \mathbb{E}$
- A juniper, 10 ins dia,  
bears N. 80° th, 57 lbs. dist,  
marked  $\mathbb{P}_{11\frac{1}{2}} \mathbb{N}, \mathbb{R}, \mathbb{E}$
- A pine, 25 ins dia, bears  
N. 10° th, 60 lbs. dist, marked  
 $\mathbb{P}_{11\frac{1}{2}} \mathbb{N}, \mathbb{R}, \mathbb{E}$

Land, mountainous  
soil, sandy and gravelly.

red. and 4th. rate.  
Pines, pine, oak and  
juniper.  
Undergrowth, small  
fir, laurel and  
oak bush.

Mountainous or lands  
covered with dense  
undergrowth, 50000

~~~~~

For this mile
see page 2 sup.
Plumetalma
P. photo attached

T. 89° 56' E. on a random
line bet. sec 25 and 26
4000 ft. temp. 1/2 sec. cor.
80.07 Intersect N. and T. line at
the cor. of sec. 28, 29, 30
and 32

Distance from
T. 89° 56' on a true line
bet. sec. 28 and 32
Over rolling basin
through heavy timber
and dense undergrowth.

29.00 Dry bed of stream, 100 lbs.
wide, in banks, 5 ft. high,
course N. 20° E. Over bottom.

30.00 A pine, 40 ins dia, on line,
marked with 2 notches
on the E. and N. sides.

37.09 Road, bears N. 20° E., T. 30° C.

40.17 Set an ironstone, 18 x 14 x 10
ins., 10 ins. in the ground,
for 1/4 sec. cor., marked 1/4
from the N. face, from which
A pine, 40 ins. dia, bears
N. 89° 56' 54" E., 56 lbs. dist., marked
1/4 T. 30° D. D.

An oak, 14 ins. dia, bears
T. 40° E., 56 lbs. dist., marked
1/4 T. 30° D. D.

Subdivisions of T. 113 N., R. 11 E.

BOOK 1927

4000 Leave creek bottom and ascend along N. slope of mountain.

6100 Ridge spur, 450 ft. high, slopes N.

80.0% N. cor. of sec. 48, 49, 50 and 51.

Land, well rolling and mountainous.

Soil, rich alluvial and sandy, 1st and 2nd cuts; timber, pine, oak, juniper and cottonwood.

Undergrowth, small oaks, chokawall and vine maple.

Mountainous, heavily timbered or land covered with dense undergrowth, 80.0% chokawall.

Aug. 9: At this sec. cor. 10 ft off of 45° 4 1/2' N. on the decl. acc; and at 10:05 a.m. l.m.t. observe the sun on the meridian; the resulting latitude is 34° 21' N. which is correct.

8000 North bet. sec. 48 and 49. Descend over mountainous land, through heavy timber and dense undergrowth.

9200 Foot of descent, 750 ft below ridge, bears E and N. Over bottom, scattering timber.

10000 Dry bed of stream, 750 lbs. cedar, square 4 1/2" x 4 1/2"

Over bottom, no undergrowth. 10000 ft more bears E and N.

For this mile see page 44 supplement mental notes & cuts attached.

- 16.25 ~~Waymire~~ ~~through grain field.~~ ~~James farm house~~
bears N. 50° E. and S. 80° W.
- 16.75 ~~grain field bears E. and N.~~
- 18.45 ~~James, bears N. 80° E. and S. 80° W.~~
bears bottom and around
through dense undergrowth.
- 21.15 ~~Ridge trail, bears E. and N.~~
- 22.00 ~~Ridge spur, 125 ft. high,~~
bears N. 70° E. and S. 80° W. divided into
E. Verde Creek.
- 25.50 ~~Foot of descent, 200 ft. below~~
ridge, bears N. 70° E. and S. 80° W.
- 27.60 ~~East Verde Creek, 40 lbs~~
wide, pure water, 6 in.
deep, course S. 70° E. over
bottom.
- 40.00 ~~Set a sand stone, 24x14~~
6 in., 18 in. in the ground,
for $\frac{1}{4}$ rec. cor., marked $\frac{1}{4}$ of
the N. 70° E. from which
A pine, 6 in. dia., bears
N. 30° E., 10 lbs. dist., marked
 $\frac{1}{4}$ V 28 P 29
- 40.00 ~~A pine, 40 in. dia., bears~~
N. 60° E., 35 lbs. dist., marked
 $\frac{1}{4}$ V 25 P 29
- 48.50 ~~Lane creek, 25 lbs. wide,~~
course S. 30° E. around.
- 51.25 ~~Top of ascent, over rolling~~
mead, 100 ft. above creek,
bears E. and N.
- 50.00 ~~Set a sand stone, 16x10~~
8 in., 18 in. in the ground,
for cor. of rec. cor. 28, 29
and 29, marked with 2
notches on the S. and N.
notches on the E. edges;
from which
A pine, 16 in. dia., bears
N. 45° E., 25 lbs. dist.,

Subdivisions of T. 11 1/2 N. R. 11 E.

BOOK 1927

marked T. 11 1/2 N. R. 11 E. T
E. 1 B. 1

34
35
A 1/2 oak, 8 ins. dia., brass
T. 11 1/2 N. R. 11 E. V 35 B. 1
35 lbs. dist. marked
T. 11 1/2 N. R. 11 E. V 35 B. 1

36
37
A 1/2 oak, 8 ins. dia., brass
T. 11 1/2 N. R. 11 E. V 36 B. 1
37 lbs. dist. marked
T. 11 1/2 N. R. 11 E. V 36 B. 1

38
39
A 1/2 pine, 4 1/2 ins. dia., brass
T. 11 1/2 N. R. 11 E. V 38 B. 1
39 lbs. dist. marked
T. 11 1/2 N. R. 11 E. V 38 B. 1

Land, level, rolling and
mountainous.

Soil, sandy loam, and
gravelly, red and red color.
Timber, pine, oak and
juniper.

Undergrowth, oak scrub,
smooth pines and laurel.

Mountainous, heavily timbered
or lands covered with
dense undergrowth, 74. 75 cho.

~~~~~

T. 8 90. 06' E. on a random  
line bet. recs. 21 and 28.

80.00 bet. timber & rec. cor.  
80.40 Intersection of said line,

80 lbs. T. of the cor. of recs.  
21, 22, 27 and 28.

Thence I run  
T. 8 90. 49' th. on a true line  
bet. recs. 21 and 28.

Over rolling land, through  
heavy timber and dense  
undergrowth.

9.00 I put 25 ft. high, slope  
T. th.

20.00 Again, 25 ft. deep, corner  
T. th.

See this note  
on page 6 sup-  
plemental notes  
attached  
recs.

32.00 Spruce, 100 ft. high, slopes  
 N. th.; scattering timber.  
 40.00 Set a stone, 15x12x5  
 ins., 10 ins. in the ground,  
 from sec. cor., marked 4 on  
 N. th. N. face, from which  
 an oak, 5 ins. dia., bears  
 N. 80° th. 87, 60 lbs. dist., marked  
 1/4 S 41, 10 1/2

46.00 Spruce, 50 ft. dup. course  
 S. th.

74.00 Spruce, 50 ft. high, slopes  
 toward the S. th.

80.40 Set cor. of sec. 20, 21, 28  
 and 29.

Land, rolling.  
 Soil, sandy; red color.  
 Timber, pine and oak.  
 Undergrowth, small pines,  
 oak bush and choparal.  
 Lands covered with dense  
 undergrowth; 80.40 chs

1927

N. 0-0-0 th. of sec. 20 and  
 21.

Over rolling land  
 through scattering timber  
 and dense undergrowth.

90.00 East Side Creek, 10 lbs.  
 wide, in ravine, 100 ft.  
 dup. course S. th.  
 Arcand.

94.00 Thayer road, bears N. th. and  
 S. th.  
 Same road bears N. E. and  
 S. th.

For this mile  
 see page 2  
 supplement  
 notes here attached

Subdivisions of T. 11 1/2 N., R. 11 E.

BOOK 1927

0200 Same road, bears N. th and S. E.

4000 Set a sandstone, 12 x 12 x 12 ins., 6 ins in the ground, for 1/4 sec. cor., marked 1/4 on the st. face, from which an oak, 8 ins dia., bears N. 50° E., 40 lbs dist., marked 1/4 V 20 P P.

An oak, 10 ins dia., bears N. 70° th, 57 lbs dist., marked 1/4 V 20 P P.

4400 Same road, bears N. th and S. E.

2100 Intersect the Black Mt. River Rd., 6 chs. E. of the cor. off sec. 12 N., R. 10 and 11 E.

52

Point is an iron pit with brass cap, marked and witnessed as described by the surveyor general.

At point of intersection set a sandstone, 18 x 12 x 10 ins., 12 ins in the ground, for closing corner of sec. 20 and 21, marked C.C. on the S. face, with 4 grooves on N. and 2 grooves on S. face, from which

A pine, 12 ins dia., bears S. 50° E., 49 lbs dist., marked 1/4 N 11 E V 20 P P.

An oak, 10 ins dia., bears S. 50° th, 104 lbs dist., marked 1/4 N 11 E V 20 P P.

Land, rolling. Soil, gravelly, and clay. Timber, pine, oak and maple.

Undergrowth, small pines.

sap bush and lowland.  
lands covered with dense  
undergrowth, 271.0 x 280.0

I destroy accessories south of said Bdy. post con. re-  
ferring to T. 11 1/2 N. R. 11 E. August 9, 1904.

Aug. 10, at 8h of m. a. m. l. m. t. I set off 34° 20 1/2' N  
on the ~~lat.~~ arc., 15° 35 1/2' N on the decl. arc. and  
determine a true meridian at

from the cor. of sec. 006,  
and 02. there

I run  
No. 00. H. set sec. 01 and  
descend N. slope through  
heavy timber and  
scattering undergrowth.

For this mile  
see page 8  
supplemental  
maps  
attached

16.10 I saw 100 ft. dist. corner  
N. 30° H.

40.00 Set an ironstone, 24 x 10 x 10  
ins., 18 ins. in the ground.

OK For 1/4 sec. cor., I marked 1/4  
cor. the H. face, from which

A pine, 12 ins. dia., bears  
S. 40° E., 21 lbs. dist., marked  
1/4 00 00 P.

A pumpkin, 14 ins. dia., bears  
S. 60° H., 00 lbs. dist., marked  
1/4 00 00 P.

54.00 Ridge apex, 100 ft. high,  
slopes N. H. descends  
into East Verde Creek.

20.00 A pine, 06 ins. dia., on line,  
I mark with 0 notches on the  
N. and V. sides.

Steep descent into Verde  
Creek.

26.00 70 ft. of descent, 200 ft.  
below ridge, bears C. and  
H. Corp East Verde Valley.

80.00 Set ironstone, 18 x 10 x  
4 ins., 12 ins. in the ground,  
far east of sec. 02, 03, and

BOOK 1927

marked with 1 notch on  
 the S. and 5 notches on the  
 E. edges; from which  
 A pine, 8 ins. dia, bears  
 T<sub>112</sub> N, R<sub>11</sub> E, 90 lbs dirt, marked  
 T<sub>112</sub> N, R<sub>11</sub> E T<sub>01</sub> D<sub>1</sub>  
 A pine, 4 ins dia, bears  
 T<sub>112</sub> N, R<sub>11</sub> E, 150 lbs dirt, marked  
 T<sub>112</sub> N, R<sub>11</sub> E T<sub>03</sub> D<sub>1</sub>  
 An oak, 4 ins dia, bears  
 T<sub>112</sub> N, R<sub>11</sub> E, 100 lbs dirt, marked  
 T<sub>112</sub> N, R<sub>11</sub> E T<sub>01</sub> D<sub>1</sub>  
 An oak, 10 ins dia, bears T<sub>112</sub> N  
 80 lbs dirt, 15 lbs dirt, marked  
 T<sub>112</sub> N, R<sub>11</sub> E T<sub>00</sub> D<sub>1</sub>  
 Land, level and mountainous.  
 Soil, sandy loam and  
 gravelly; wet and rid etc.  
 Timber, pine, oak and  
 juniper  
 Undergrowth, small pines,  
 oak brush and laurel.  
 Mountainous, heavily timbered  
 so lands covered with  
 dense undergrowth, 5 rocks

For this mile  
 see page 10  
 elemental notes  
 hereto attached

T<sub>112</sub> N, R<sub>11</sub> E on a random  
 line bet. sec 29 and 32.  
 40.00 bet temp. & sec. cr.  
 50.00 intersect T<sub>112</sub> and T<sub>112</sub> line, 21 lbs  
 Log the cor. of sec 28, 29, 30  
 and 32  
 Thence run  
 T<sub>112</sub> N, R<sub>11</sub> E on a true line  
 bet. sec 29 and 32.  
 Proceed along N. slope  
 through ref. timber and  
 dense undergrowth  
 40.00 saw, 50 ft. deep, corner T<sub>112</sub> N.

20.00 A post, 20 ft. high, slopes N. th. W. S. W. S. W.

20.20 A pine, 8 ins dia. on top, marked with 2 notches on the E. and N. faces

20.25 Set a sand stone, 18 x 12 x 4 ins, 12 ins. in the ground, face 1/2 sec. cor., marked 1/2 on the N. face; from which

A pine, 50 ins dia., bears S. 50° E., 50 lbs. dist, marked 1/2 W. S. W. S. W.

An oak, 10 ins dia., bears N. 45° E., 50 lbs. dist, marked 1/2 W. S. W. S. W.

40.50 Foot of mountain, 400 ft. below sec. cor., bears N. E. and S. th.

Over East Verde Valley.

46.00 A pine, 8 ins dia. on top, marked with 2 notches on the E. and N. sides.

46.70 Hagon road, bears N. E. and S. th.

48.00 East Verde Creek, 20 lbs wide, 1 ft. deep, good pure water, course N. 50° th.

52.00 Lane road, bears N. th. and S. E.

56.00 East Verde Creek, 50 lbs. wide course N. W.

65.80 Hagon road, bears S. th.

72.60 The cor. of sec 29, 30, 31 and 32.

Land, level and mountainous soil, sandy loam and gravelly, first and red later timber, pine and oak. Undergrowth, oak brush, wildflowers and quaking asp.





- 31. ~~Low oak, 4 ins. dia., bears N. 00° E. 45 lks. dist, marked T. 11 1/2 N., R. 11 E.~~
- 32. ~~at Road, bears N. E. and S. H. E. Verde Creek, 45 lks. wide, course N. 00° E.~~
- 46. ~~95 Through field, bears N. H., S. E.~~
- 48. ~~6 of N. H. Fuller's house bears N. 10 lks. dist.~~
- 51. ~~50 Barn, bears N. 6 lks. dist.~~
- 54. ~~40 Fence, bears N. 60° E. and S. 60° E.; Leave field and enter scattering timber.~~
- 68. ~~85 Road, bears N. E. and S. H.~~
- 70. ~~25 E. Verde Creek, 50 lks wide, 4 ins. deep, in banks, 2 ft. high, course S. H. Through heavy timber.~~
- 78. ~~10 1/4 Sec. of spec. 29, 30, 31 and 32. Land, light soil, rich, sandy loam, 10 ft. scattering timber, pine, oak and cottonwood. Undergrowth, small pines and oak brush. Heavily timbered lands 10.25 lks.~~
- ~~N. 00-00° E. bet. sec. 29 and Cove Verde Valley through heavy timber and resting undergrowth.~~
- 46. ~~2 A Pine, 4 ins. dia. on top, 1 mark with 3 notches on top N. and S. scattering timber~~
- 2. ~~25 Road, bears N. 60° E. and S. 60° E.~~
- 9. ~~00 E. Verde Creek, 125 lks wide, very shallow, course S. 20° E.~~
- 14. ~~25 A perpendicular bluff, 2 ft. high, bears E. and H.~~

For this mile see page 13 supplemental notes attached.

Subdivisions of V. 11 1/2 N. R. 11 E.

BOOK 1927

26.00 Draw, 50 ft. deep, course S. 70. W.  
4000 ft. of sandstone, 24 x 6 x 8  
ins., 15 ins. in the ground,  
for 1/2 sec. cor., marked 1/4 at the  
N. face; ~~for~~ no suitable trees  
within limits; raised mound  
of stone, 2 ft. base, 1 1/2 ft. high,  
N. of cor.; pits impracticable.

45.00 Spur, 100 ft. high, slopes  
N. E.

51.25 Draw, 17 ft. deep, course  
S. 70. E.

55.00 Over rolling mesa through  
dense undergrowth

58.00 Left an ironstone, 18 x 8 x 5 ins.,  
10 ins. in the ground, for  
cor. of sec. 16, 20, 29 and 30,  
marked with 3 notches on  
the S. side & notches on the  
E. edge; from which no  
trees are in limits; raised  
mound of stone, 2 ft. base,  
1 1/2 ft. high, N. of cor.; pits  
impracticable.

Land, level, rolling and  
mountainous.

Soil, rich, sandy loam and  
gravelly, 1st and 2nd red str.  
Timber, pine and oak.

Undergrowth, small pines,  
and oak brush.

Mountains, heavily timbered  
or lands covered with  
dense undergrowth, & rocks.

Overcast but moon pre-  
vented taking the  
latitude.

Aug. 10, 1904.

~~~~~

August 11: At 7^h 5^m a.m.
left. Out of sec. 20
on the lat. Secs; 18° 18' N.
on the def. arc; and de-
termining a meridian with
the solar, at the cor. of
secs. 19, 20, 29 and 30.

Thence I run
N. 89° 53' E. on a random
line bet. sec. 20 and 29
40.00 left temp. 1/4 sec. cor.
80.00 Intersect N. and S. line,
8 1/2 lbs. N. of the cor. of
secs. 20, 21, & 5. 429

Thence I run
N. 89° 50' W. on a true line
bet. sec. 20 and 29
descend, through heavy
timber, and dense under-
growth.

8:10 Hagon road, cross N. and S.
8:30 East Verde Creek, 10 lbs.
wide, in ravine, 450 ft.
deep, course S. Around
through scattering timber.

40.04 left an iron stone, 18x10x
4 ins., 1 1/2 ins. in the ground,
at 1/4 sec. cor., marked 1/4 of
the N. face; from which
no trees are in limits; raised
mound of stones, 1/2 ft. base, 1 1/2
ft. high, N. of cor.; pits
impracticable.

46.00 Ridge, 175 ft. high, cross
N. and S.
69.00 Ravine, 75 ft. deep, course
S.

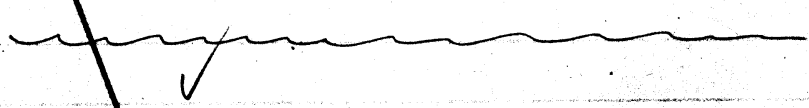
80.00 In the cor. of secs. 19, 20, 29 and 30.
Land, rolling, and
mountainous.
Soil, sandy, red color.

For this mile
see page 15
supplemental notes
hereto attached

Subdivisions of T. 11 1/2 N., R. 11 E

BOOK 1927

Timber, pine, oak and
juniper
Undergrowth, small pines,
hazel and oak brush
Mountains, heavily timbered
or lands covered with
dense undergrowth; 80000 acres.



For this mile
see page 16
element of
here to attached
meters

N. 89° 36' E. on a random
line bet. sec. 19 and 20.
1000' bet. temp. & sec. cor.
1250' Intersect N. Rd. of the
T. 11 1/2 N. of the cor. of
secs. 19, 24, 25 and 30.

Thence down
N. 89° 55' E. on a true line
bet. sec. 19 and 20
Over rolling mesa through
scattering timber and
dense undergrowth.

1900 Ridge, approx. 150 ft. high,
bet. sec. 19 and 20
2150' Set an iron stake, 18 x 10 x 1/2
in., 12 in. in the ground,
for 1/4 sec. cor., marked 1/4
of the N. face, from which
a juniper, 24 in. dia., bears
N. 75° E., 15 lbs. dist., marked
1/4 T 11 1/2 N.
A juniper, 20 in. dia., bears
S. 60° E., 45 lbs. dist., marked
1/4 T 20 R 1

2250' The cor. of secs. 19, 24, 25 and
30.
Land, rolling.
Soil, sandy, red color.
Timber, pine, oak and
juniper
Undergrowth, hazel, oak

trunk and chopoal.
lands covered with
dense undergrowth,
2250 chs.

For this mile
see page 17
supplemental
notes
attached

N. 20 1/2 S. H. bet. sec. 19 and
20.

Over rolling mesa through
scattering timber and
dense undergrowth.

2600 Enter heavy timber, cross
E. and H.

4000 The point for 1/4 sec. cor.,
JK galls on a ledge, 8 x 6 x 1
ft. above ground;

At the exact point, set
a cross for 1/4 sec. cor., and
mark on the side of cross,
from which

An oak, 30 in. dia., bears
T. 21 3/4 E., 50 lbs. dist., marked
1/4 T. 20 1/2 R. 11

An oak, 14 in. dia., bears
N. 21 H., 59 lbs. dist., marked
1/4 T. 1 1/2 R. 11

5050 Ridge, 50 ft. high, bears
E. and H.

6750 Dry bed of stream, 100 yds.
wide, in ravine, 100 ft.
deep, course H.

7090 Interesting Black Mesa Resin
Pdy., 6.33 chs. E. of the
JK 27 ft. ~~well~~ post which is
the cor. of sec. 25 and 26, said
cor. being an iron post,
with brass cap, marked
and witnessed and as
described by the surveyor
general.

BOOK 1827

At point of intersection
 set a sandstone, 15 x 12 x 5
 ins, 15 ins in the ground,
 for closing cor. of sec 19
 and 20, marked C C on the
 S face, with 5 grooves on
 the East 1 groove on the
 N face, 1 groove which

A pine, 16 ins dia, bears S
 30 E, 65 lbs. dist, marked
 P 11 1/2 N R 11 E T 20 D 9.

A pine, 85 ins dia, bears
 S 50 W, 50 lbs. dist, marked
 P 11 1/2 N R 11 E T 20 D 9.

Land, rolling.
 Soil, sandy, red color.
 Timber, pine, oak and juniper.
 Undergrowth, small species
 huckleberry and oak brush.
 Heavily timbered or lands
 covered with dense under-
 growth 20-30 chs. I do not remember
 part of said body. Referring to Twp 7, R 11 E
 August 11, 1907

General description

This part Township is
 level, rolling and
 mountainous. The soil
 is sandy and gravelly
 and may be cleared as
 red and red color.
 The land along the East
 Side Valley is very
 fertile and capable
 of producing abundant
 crops without irrigation.
 The hill sides are covered
 with a good growth of

Pine and bunch grass.

The timber consists of pine, oak, fir and Juniper.

This region is well watered by streams, springs and wells.

J. V. H. Fuller has a well improved farm in sections 25 and 21.

Harmin's ranch is located in sections 25 and 29.

J. Ward is located in sections 25 and 26.

There are no indications of valuable minerals in this fraction of township.

The rock formation consists mostly of granite and sandstone, with occasional outcroppings of

limestone.

Chas. D. Campbell,

U. S. Dept. Surveyor.

Aug. 11, 1904

Note -

No one authorized to administer oaths, other than myself, being available without gift incurrence, delay and expense, therefore, I administer the required preliminary and final oaths.

Chas. D. Campbell,

U. S. Dept. Surveyor.

--	--	--	--

LIST OF NAMES.

BOOK 1927

A list of the names of the individuals employed by Chas L Campbell

....., United States Deputy Surveyor, to assist in running, measuring, and

marking the lines and corners described in the foregoing field notes of the survey of the

Subs of T 11 1/2 North, R 11 East

showing the respective capacities in which they acted:

Oliver B. Raser....., Chainman. ✓

C. H. Goetz....., Chainman. ✓

....., Moundman.

....., Moundman.

Chas M Brown....., Axman. ✓

....., Axman.

....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Chas L Campbell

....., United States Deputy Surveyor, in surveying all

those parts or portions of the Subdivisions of

fractional

Township No 11 North, Range

No 11 East of the Edg and

Salt River meridian, State of Arizona which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey

has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the

corner monuments established, according to the instructions furnished by the United States Surveyor

General for Arizona

Oliver B Raser....., Chainman. ✓

C. H. Goetz....., Chainman. ✓

....., Moundman.

....., Moundman.

Chas. M. Brown....., Axman. ✓

....., Axman.

....., Flagman.

Subscribed and sworn to before me this 11th

day of August, 1918 ✓



Chas L Campbell
U. S. Dept. Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

128
BOOK 1927

I, Charles L. Campbell, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Hon. Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 15th day of April, 1904, 1894, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of this

Subdivisions of Township No. 11 1/2 North, Range No. 11 East of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Charles L. Campbell
United States Deputy Surveyor.

Subscribed by said Charles L. Campbell and sworn to before me }
this 21 day of Aug, 1904, 1894



W. J. G. [Signature]
Clerk of the District Court and
for Coconino and Arizona

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

The foregoing field notes of the survey of the Subdivisions of fractional Township No. 11 1/2 North Range No. 11 East, of the Gila and Salt River Base and Meridian, Territory of Arizona Phoenix, A. T. February 18th 1905

executed by Charles L. Campbell under his contract No. 116, dated April 18th 1904, 1894, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in _____ has been correctly copied from the original notes on file in this office.~~

~~United States Surveyor General.~~

Book "K"

129 17
copied Jan'y 17/09
E.D.

Supplemental
FIELD NOTES
of correction
OF THE SURVEY OF THE

BOOK 1927

Subdivisions

of
T 11 1/4 N R 11 E.

1927

of the Gila & Salt River Base Meridian,
Territory of Arizona

AS SURVEYED BY

Charles L. Campbell, United States Deputy Surveyor,

Joint.
Under this Contract No. 116, dated April 18, 1907

Survey commenced April 9, 1907

Survey completed April 10, 1907

Compared
pages 45 & 46
do not exist

730 18

BOOK 1927

For NAMES AND DUTIES OF ASSISTANTS.

See Book "M" Subdivisions T/2 N Q/08

Supplemental Notes.

BOOK 1927

INDEX DIAGRAM.

Township 11 1/2 North, Range 11 East

6	5	4	3	2	1		
7	8	9	10	11	12		
18	17	16	15	14	13		
19	17	20	7	21	22	23	24
16	15	6					
30	13	29	4	28	27	26	25
11	10	3					
31	8	32	1	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
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 distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of _____

_____, Chainman.

_____, Chainman.

BOOK 1927

Subscribed and sworn to before me this _____ }
day of _____, 190 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____ }
day of _____, 190 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of 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 _____

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____ }
day of _____, 190 _____ }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____ }
day of _____, 190 _____ }



Survey commenced at 4:10 p.m. April 9, 1907 and executed with a th. and a C. Gurley improved solar compass with telescopic attachment No. 210, and described in the Correlative field notes of P. 12 N. R. 10 E.

Knowing that my instrument is in correct adjustment, from tests made this day and described in the Correlative field notes of P. 12 N. R. 10 E.

I commenced at the original corner of secs. 4, 5, 32 and 33 on the N.W. Cor. of the T.P., which is marked, witnessed and described as in original field notes;

Thence I run N. 82° 02' E. bet. secs. 32 and 33 and descend N. slope through heavy timber and dense undergrowth.

206.00
200.00

Thence road, bears E. and th. Foot of descent 50 ft. below sec cor., bears E. and th. Over Diamond Creek bottom, through scattering timber, bears E. and th.

220.00
400.00

Diamond Creek, 20 lbs. wide, course North
Set an iron stake 18 x 10 x 10 ins., 5 ins. in the ground, struck rock, and raised a mound of stones around, for sec cor., marked 1/4 on the N. face; from which
An oak, 10 ins. dia., bears
T. 11 N. R. 11 E., 20 lbs. dist.
marked 1/4 T. 11 N. R. 11 E.
A walnut, 10 ins. diam., bears

For this mile see original notes page 23

125 BOOK 1927

N 89° 30' E, 59 lbs. dist. marked V 30 30 30

40.25 Team bottom, base E and N and around V slope

64.00 Ridge bet Diamond and Clark Creeks, 35 ft above Diamond Creek, base E and N

64.25 Second Nth slope, through heavy timber, base E and N, 150 ft to

80.00 Set an iron stake, 20 x 1 1/2 x 6 ins, 15 ins in the ground, for cor. of secs. 28, 29, 30 and 31, marked with notch on the V and 4 notches on the E edges; from which

A pin, 12 ins diam, base N 61° E, 100 lbs. dist. marked

V 11 1/2 N 11 E V 6 E 30 30

A pin, 18 ins dia, base N 87° E, 54 lbs. dist.

marked V 11 1/2 N 11 E V 30 30 30

A pin, 10 ins dia, base N 88° 30' E, 75 lbs. dist.

marked V 11 1/2 N 11 E V 30 30 30

A pin, 38 ins dia, base N 88° 30' E, 68 lbs. dist. marked

V 11 1/2 N 11 E V 30 30 30

Land, wet and mountainous soil, sandy and stony; and and 4th rate

Timber, juniper, oak and pine, undergrowth, small timber, oak brush and mesquite

Mountainous, heavily timbered or lands covered with dense undergrowth, 8000 lbs

For this mile see page 25 orig. notes

N 89° 56' E on a random line bet secs 28 and 30

40.00 Left camp 1/2 sec. cor.
 29.54 Entered N. and T. line 28 lbs. N. of
 the original cor. of secs. 28, 29,
 30 and 31; which is marked
 witnessed and described
 as in original field notes.

Thence West

N. 89° 40' th. on a true line bet
 secs. 28 and 33

Over rolling basin, through
 heavy timber and dense
 undergrowth, descending.

18.75 Over bottom of Pearley Creek,
 150 ft. below sec. cor., bears
 N. 50° th. and V. 20° E.

21.50 Dry bed of Pearley Creek, 100 lbs
 solid course N. 50° th. Continues
 over bottom.

27.15 Hagon road, bears N. 50° th. V. 20° E

29.27 Left an iron stave, 18 x 10 x 10 ins,
 12 ins. in the ground, from
 sec. cor., marked 1/2 on the N
 face; from which

A line, 36 ins. dia., bears
 N. 46° th., 5 lbs. dist.
 marked 1/2 V 28 D 2

An oak, 14 ins. dia., bears
 S. 43 1/2° th., 109 lbs. dist.
 marked 1/2 V 30 D 2 and

42.25 Leave bottom, bears N. th., V. E
 and ascends along broken N. E
 slope.

61.30 Ridge spur, 300 ft. above bottom,
 slopes N. 10° E. beyond irregular
 N. th. slope.

29.54 The cor. by secs. 28, 29, 32 and 33
 25 ft. below spur.

Land, level and mountainous
 soil, sandy loam and gravelly;
 wet and verdant.

Timber, oak, juniper and pine;

735

BOOK 1927

undergrowth, oak brush, small timber, cactus, cactus and mesquite. Mountainous, heavily timbered - or lands covered with dense undergrowth, 29.54 chs.

For this mile see page 26 original

No. 21 ch. bet. sec. 28 and 29

Descend mountainous Nth slope through heavy timber and dense undergrowth

9.25 Foot of descent, 200 ft below sec. 28, bars E and th. Over bottom, through scattering timber.

12.15 Dry bed of Peary Creek, 50 chs wide, course N. 20° th. Over bottom, leaving timber.

13.15 Farm fence, bars E and th.; through field.

16.40 House, bars th. 5 chs. dist. Located owner's name unknown.

16.65 Dam, bars th., 5 chs. dist.

16.80 Lean field, bars E and th.

18.50 Fence, bars N. 20° E, V. 20° th. Lean bottom, bars E and th. and ascend V. slope, through scattering timber and dense undergrowth.

21.25 Trail, bars E and th.

23.05 Ridge spur, 200 ft. above creek, slopes V. th. Descend Nth slope

23.20 Foot of descent, 200 ft. below spur, bars N. 20° E, V. 20° th. Over bottom, through heavy timber and

23.25 Fuller Creek, 25 chs. wide, 1 ft. deep, stony bottom, course V. 20° th. Continue over bottom

40.00 Let an ironstone 22 x 19 x 6 ins.

1 pins in the ground, for
 1/2 sec. cor., marked 1/2 on
 4th st. face; from which
 A pin 3/4 in. diam., bears
 N. 40° E., 52 lks. dist.,
 marked 1/2 V 25 D 1/2

A pin, 40 in. dia., bears
 N. 52° 00' th, 65 lks. dist.,
 marked 1/2 V 29 D 1/2

48.50 Fuller Creek, 25 lks. wide, course
 S. 20° E. Ascend broken
 S. th. slope. 300 ft. to

20.00 Set a slaty stone, 16 x 10 x 8
 ins., 8 ins. in the ground,
 struck rock, and raised a
 mound of stone around, for
 cor. of sec. 20, 21, 28 and 29,
 marked with 2 notches on
 the S. and 4 notches on the
 E. edge; from which

A pin, 10 in. dia., bears
 N. 20° E., 62 lks. dist.,
 marked 1/2 N 11 1/2 E
 S 21 D 1/2

An oak, 6 in. dia., bears
 S. 10° E., 50 lks. dist.,
 marked 1/2 N 11 1/2 E
 S 25 D 1/2

An oak, 8 in. dia.,
 bears S. 85° th, 60 lks.
 dist. marked 1/2 N 11 1/2 E
 S 29 D 1/2

A pin, 14 in. dia., bears
 N. 70° th, 80 lks. dist.,
 marked 1/2 N 11 1/2 E
 S 20 D 1/2

Land, level and mountainous
 Soil, sandy and gravelly,
 and red cat
 Timber, oak, juniper, pine
 and alder; undergrowth,

137
BOOK 1927

oak bush, small timber,
laurel, magnolia and cactus.
Mountainous, heavily timbered.
all lands covered with dense
undergrowth, no rocks

April 9, 1907

For this m
see page 28
Original notes

April 10: At 8:10 a.m. left
West of sec 20 on the lat.
arc. 2° 42' N on the decl arc,
and determining a meridian
with the solar at the
cor. of secs 20, 21, 28 and 29

Then I run
S. 89° 40' E. on a random line
bet. secs 21 and 28.

80.00 Let temp. 1 sec. cor.
79.90 Intersect N. and V. line, 47 chs.
I. of the original cor. of secs
21, 22, 27 and 28, has marked,
witnessed and described in
original field notes.

Then I run
West on a true line bet. secs
21 and 28

Around over mountainous land
through heavy timber and
dense undergrowth

9.00 Spruce, 100 ft. above sec. cor., slopes
W. th.

20.60 saw, 25 ft. deep, course V. th.
22.00 Spruce, 100 ft. high, slopes V. th.
25.00 saw, 100 ft. deep, course V. th.
29.00 Spruce, 100 ft. high, slopes V. th.

29.90 Intersect the original 1 sec.
cor., which is marked, witnessed
and described as in original
field notes.

26.00 Saw, 50 ft. deep, course S. th.
 27.50 Spur, 25 ft. high, slopes S. th.
 28.26 The cor. of Secs 20, 21, 22 and
 29, 25 ft. below top of spur.
 Land, mountainous.

Soil, sandy and gravelly;
 2nd and 3rd cat.
 Timber, oak, gum, and
 pine; undergrowth, oak
 bush, small timber, magnolia,
 cactus and laurel.
 Mountainous, heavily timbered
 so lands covered with
 dense undergrowth, 2990 cks.

For this mile
 see page 29
 of log notes

N. 50° 00' th. bet. Secs 20 and 21
 Poor mountainous land, though
 heavy timber and dense
 undergrowth.

29.50 Saw, 50 ft. deep, course S. th.
 30.00 Spur, 25 ft. high, slopes S. th.
 30.55 Creek, 6 cks. wide in ravine
 100 ft. deep, course S. th.

34.50 Stage road, bears N. th. and V. C.
 37.00 Camp road bears N. E. and S. th.
 40.00 Spur, 50 ft. high, slopes S. th.
 44.00 Road, bears N. E. and S. th.

39.50 Ravine, 50 ft. deep, course S. th.
 40.00 Top of slaty stry, 12 x 12 x 12 ins.
 8 ins. in the ground, for 1/2
 sec. cor., marked 1/2 of the
 H. Jacq; from which

On oak, 8 ins. dig, bears
 N. 30° E., 50 lbs. dist., marked
 1/2 V 21 B. J.

On oak, 10 ins. dig, bears
 N. 75° th., 57 lbs. dist.,
 marked 1/2 V 20 B. J.

44.00 Stage road, bears N. th. and V. C.

739

71.04
BOOK 1927

Interested Black Mesa Forest
Resurvey Rdy 200 chs E of the
35th Mile Post; which is an
iron post with brass cap
firmly set in the ground,
marked and witnessed as
described by the surveyor
general; at the original
T.C.C. of sec 20 and 21,
marked, witnessed and
described as in original
field notes.

Land, mountainous
Soil, sandy and gravelly;
2nd and 3rd etc.
Timber, oak, juniper and
pine, undergrowth, small
timber, oak brush, mesquite
and sagebrush.
Mountainous, heavily timbered
or lands covered with
dense undergrowth;
71.04 chs.

For this mile
see page 91
orig. notes

From the original corner of sec 5, 6,
11 and 12 on the S. Rdy of the
T.C.C., marked, witnessed and
described, as in original field
notes, I run
N. 52° 03' 00" W. bet. sec 11 and 12
ascending N. slope through heavy
timber and dense under-
growth.

16.05 Saw, 25 ft. deep, creek N. 30th
Ascending S. th. slope

40.00 Set an iron stone 24x12x12 ins,
18 ins in the ground, for
1 sec cor., marked # on the
#

th. face, from which

A pin, 12 ins. dia, brass
T. 60° E., 51 lbs. dist, marked
V 32 P 1

A Juniper, 12 ins. dia, brass
T. 50° th, 20 lbs. dist,
marked V 31 P 2

14.50 Ridge spur, 200 ft. high, slopes
N. th. Descend into Fuller
Creek Basin.

20.50 Over rim rocks, bear E and th.
and begin steep descent.

26.50 Foot of descent 250 ft. below
spur, bear E. and th. Over
Fuller Creek Basin.

30.00 Set an iron stake, 18x10x4 ins.,
remains in the ground, for
cor. of sec. 29, 30, 31 and 32,
marked with notch on
th. V and V notches on th.
E. edges, from which

A pin, 36 ins. dia, brass
N. 22 1/2° E., 100 lbs. dist,
marked P 11 1/2 N P 11 E
V 32 P 1

A pin, 40 ins. dia, brass
T. 38 1/4° E., 158 lbs. dist,
marked P 11 1/2 N P 11 E
V 32 P 1

An oak, 14 ins. dia, brass
T. 35 1/2° th, 96 lbs. dist,
marked P 11 1/2 N P 11 E
V 31 P 1

A pin, 40 ins. dia, brass
N. 10° th, 156 lbs. dist,
marked P 11 1/2 N P 11 E
V 32 P 1

Land, level and mountainous.
Soil, sandy and gravelly; wet,
and very wet.
Timber, juniper, oak and pine.

44
BOOK 1927

undergrowth, oak bush,
cactus, mesquite and small
timber.

Mountains, heavily timbered
or lands covered with dense
undergrowth, oak etc.

For this mile
see page 37
orig. notes

L. 89° 56' E on a random line
bet. vics. 29 and 32.

40.00 Let temp. 1 vic. cor.

49.54 Entered N. and V. line, 16 chs N.
of the cor. of vics 28, 29, 30 and
31.

Thence I run

N. 89° 49' E on a true line bet.
vics. 29 and 32.

ascending along N. th. slope
through heavy timber and
dense undergrowth.

45.00 saw 50 ft. below cor., corner
N. th.

20.00 Spur, 15 ft. high, slopes N. th.

39.77 Let a sandstone, 18 x 12 x 4 ins,
12 ins. in the ground, for
1 vic. cor., marked 1 on the
N. face; from which

Air shaft, 12 ins dia, bears
N. 89° 2' E, 45 chs. dist.
marked 1 V 29 D 1

A line, 55 ins dia, bears
S. 24° E, 50 chs. dist.
marked 1 V 32 D 1

45.50 Foot of descent 250 ft. below
spire, bears N. E. and V. th.

46.70 Hagon road, bears N. E. and V. th.

48.50 Fuller Creek, 25 chs wide, corner
S. 70° E. Over bottom

52.50 Hagon road, bears N. 40° and
 S. 70° E.

54.50 Spring bed of Fuller Creek, comes
 from N. 70° E., and flows
 S. Thence down dry
 channel.

62.55 Same channel, course now
 N. 60° W. Over bottom.

79.54 The cor. of Secs. 25, 30, 31 and
 32.

Land, level and mountainous
 top, sandy and gravelly, and
 and old cuts. Timber,
 juniper, oak and
 pine, undergrowth, oak
 brush and small timber.
 Mountainous, heavily timbered
 so lands covered with
 dense undergrowth.

79.54 chs.
 April 10. At this sec. cr.,
 set off 72° 45' N. on the
 decl. arc, and at 11^h 58^m
 a. m. l. m. t., observe the sun
 on the meridian; the
 resulting latitude is
 34° 21' N. which agrees with
 the proper latitude.

N. 89° 56' W. on a random line
 bet. secs. 30 and 31.

40.00 Set temp. 1/2 sec. cor.
 78.10 Entered St. Rdy. of T. 111, R. 11 E. N.
 of the original cor. of
 Secs. 25, 30, 31 and 32, as
 marked, witnessed and
 described in original
 field notes.
 Thence I run.

For this mile
 see page 34
 orig. notes.

143
BOOK 1927

N. 89° 57' E. on a trap line bet
secs. 30 and 31.
Over bottom, through scattering
timber and dense under
growth.

16.10 This fence, bears N 80° E, V. 10' th

20.20 Irrigation ditch, course V 30' th
Over clover field.

26.00 Leaf field, bears N. E. and V. 10' th

26.05 Oak fence, bears N. E. and V. 10' th

37.26 Fuller Cut, dry bed, 30 lbs.
wide, course N. 10' th. Over
timber and undergrowth, bears
N. E. and V. 10' th.

37.26 Hagm road, bears N. E. and V. 10' th

37.10 Let an iron stake, 12 x 12 x 6 ins, 12
ins in the ground, for
rec. cor., marked 1/4 on the
face; from which

An oak, 14 ins dia, bears
N. 80° E, 318 lbs dist,
marked 1/4 V 30' P.

An oak, 24 ins dia, bears
V 10' th, 50 lbs dist, marked
1/4 V 31' P.

40.64 Fuller Cut, dry bed, 30 lbs.
wide, course V N. 10' th

46.51 Fence, bears N. 10' th and V. E. Over
field.

48.60 J. H. Fuller's house, bears N,
6.00 chs dist.

51.60 Barn, bears N, 5 chs dist.

54.25 Leaf field, bears N. 60° E and
V. 60' th. Fence. Entry scattering tim

68.80 Hagm road, bears N. E. and V. 10' th

70.25 Fuller Cut, dry channel, 30 lbs.
wide, course V 10' th.

78.10 The cor. of secs 29, 30, 31 and 32.
Land, level.

Soil, rich sandy loam and
gravelly; 10' and red clay.

Pines, oak, pine and
Juniper; undergrowth,
oak brush and willows.
Lands covered with dense
undergrowth, 34.56 lbs

For this mile
see page 95
only. miles

N. 50° 02' S. 60' E. sec. 29 and 30.
Over bottom, through scatter-
ing timber and dense
undergrowth.

7.25 Hagon road, bears N. 60° E and
W. 60° S.

9.00 Dry bed of Fuller Creek, 100 lbs
wide, course S. 60° E.

10.25 Perpendicular bluffs, 20 ft
high, bear E and S.

Across broken S. slope of
mountain through dense
undergrowth, bears E and S.

26.80 Dry bed of stream, 200 lbs wide,
big drain, soft dip, course
S. 50° E.

40.00 Let an ironstone, 24 x 6 x 6 ins.
is in the ground, for
rec. cor. marked 1/4 on the S.
face, from which

On oak grub, 5 ins diam, bears
N. 21° E, 5 lbs dist, marked
1/4 V 29 D 2

On oak grub, 5 ins diam, bears
N. 18° S, 59 lbs dist, marked
1/4 V 30 D 2

45.00 Pine, 500 ft. above Fuller Creek,
slope N. 60° E.

51.25 Asher, 175 ft. deep, course
S. 70° E. Steep, across
slides and boulders.

25.00 Over rolling S. slope of mesa,
500 ft. above drain, bears E and S.

#5

scattered timber,
No. 08 Ref an ironstone, 18x18x8 ins,
12 ins. in the ground, for
cor. of secs. 19, 26, 29 and 39,
marked with notches on
the V and 5 notches on the E
edges; from which,

BOOK 1927

A scrub juniper, 4 ins
dia, bears N. 61° E, 15
lbs. dist. marked T 11 1/2
R 11 E V 20 D 2

A scrub juniper, 12 ins
dia, bears V 1° E, 11 lbs
dist. marked T 11 1/2 R 11
11 E V 29 D 2

A scrub juniper, 19 ins
dia, bears V 5° E, 11 lbs
dist. marked T 11 1/2 R 11 E
V 30 D 2

A scrub juniper, 12 ins
dia, bears N. 64° E, 19 lbs
dist. marked T 11 1/2 R 11
R 11 E V 19 D 2

I also raised a mound of stone,
27 ft. base, 12 ft. high, th of cor;
fits impeccably.

This cor. stands, 50 ft. above
draw.

Land, rolling and mountainous
Soil, sandy and stony; red
and 4th rate.

Timber, oak and juniper;
undergrowth, oak scrub,
magnolia, cactus and dense
brush.

Mountainous, or lands covered
with dense undergrowth,
690 lbs.

- V. 89° 49' E on a standard line bet. sec. 20 and 29.
- 40.00 Let temp. 1/2 sec. cor.
- 49.56 Intersect N. and V. line, 7 lbs. S. of the cor. of sec. 20, 21, 28 and 29.
- Thing & sum.
- N. 89° 52' thing true line bet. sec. 20 and 29.
- Descending N. th. slope through heavy timber and dense undergrowth.
- 5.60, 0 Hagon Road, base N. 60° th. V. 60° E
- 5.230 Foot of ascent, 200 ft. below cor., base N. 60° th. and V. 60° E
- 17.25 Dry channel of Fuller Creek, lower V., 20 lbs. wide over bottom.
- 10.00 Deep bottom, base N. and V. and around S. slope, through scattering timber.
- 29.28 Let an ironstone, 18x18x4 ins. ~~is~~ in the ground, struck rock, and raised a mound of stone around for 1/2 sec. cor., marked 1/4 with N. face; from which:
 - A scrub oak, v. ins. dia., base N. 46° th., 10 lbs. dist., marked 1/4 V 20 D P.
 - A scrub oak, v. ins. dia., base V. 14° th., 10 lbs. dist., marked 1/4 V 29 D P.
- 46.00 Top of ascent, 800 ft. above bottom, base N. and V.
- Over rolling mesa, very scattering timber, descending.
- 69.25 Daring, 150 ft. deep, valley V. 10° th. around
- 70.00 More gradual ascent over rolling mesa.
- 79.56 The cor. of sec. 19, 20, 29 and 30, 150 ft. above ravine.

#47
BOOK 1927

Land, level, rolling and
mountainous.
Soil, sandy and gravelly,
and a bit red clay.
Timber, juniper and oak,
undergrowth, oak brush,
mesquite, cactus and
lamb.
Mountainous, or lands covered
with dense undergrowth,
79.56 lbs.

For this mile
see page 38
orig. notes

N. 89° 57' E. on a random line
bet. vics. 19 and 20.

40.00 Let trap 1 vic. cor.

42.00 Entered N. side of the T.P.,
5 lbs. N. of the original
course of vics 19, 20 and
20, as marked, witnessed and
described in original notes.

Thence I run
N. 89° 55' E. on a true line bet
vics. 19 and 20.

Ascend to the slope
through very scattering timber
and dense undergrowth.

19.75 Ridge spur, 200 ft. above cor.,
slope T.H.

26.00 Ravine, 150 ft. below spur,
course T.H. Declud.

27.80 Let an iron stake, 18 x 10 x 1/2 in.,
10 ins in the ground, from
vic. cor., marked 1 on the
N. face, from which

A. Juniper, 24 in dia,
weighs N. 83° E. 106 lbs
dist. marked 1 & 19
D.P.

Q juniper, 20 ins. dia
beats V. 140° E, 94 chs.

60.00

dist. marked 1/2 V 000 P
Top of ascent, 200 ft. above
ravine, bears N. and V.
Second gradual V. S slope
of mesa.

80

The cor. of secs. 19, 20, 29 and
30, 35 ft. below top of ascent
Land, rolling and mountain-
tainous.

Soil, sandy and gravelly,
2nd and 3rd rate
Timber, very scattering,
scrub oak and juniper;
undergrowth, oak grebs,
laurel, cactus and
magnolia.

Mountainous, heavily
timbered or lands covered
with dense undergrowth,
77.80 chs.

For this mile
see orig.
note page
39.

N. 0-0 3/4 th. bet. secs. 19 and
Ascent rolling V. S slope
of mesa through scattering
timber and dense
undergrowth.

26.00

Top of ascent, 150 ft. above
cor. bears N. E. and V. S. slope
bet. Purnell and Puller Creeks
Second N. H. slope through
heavy timber.

40.00

The original ~~sec~~ cor. as
marked, witnessed and
described in original field
notes.

Land, rolling and mountainous
Soil, sandy and gravelly.

149

BOOK 1927

and and and etc
 Pines, pine, oak and juniper,
 undergrowth, oak brush,
 laurel and cactus.

Mountainous or lands covered
 with heavy timber or dense
 undergrowth, 40.00 cks

April 10, 1907

Charles L. Campbell
 C. J. West, Surveyor

LIST OF NAMES.

BOOK 1927

A list of the names of the individuals employed by

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of

showing the respective capacities in which they acted:

1927

-, Chainman.
-, Chainman.
-, Moundman.
-, Moundman.
-, Axman.
-, Axman.
-, Flagman.

For FINAL OATH OF ASSISTANTS.
see Subs. T12 N R 108. Book "M" Supplemental Notes.

We hereby certify that we assisted

....., United States Deputy Surveyor, in surveying all those parts or portions of the

..... of the

..... meridian, of, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for

-, Chainman.
-, Chainman.
-, Moundman.
-, Moundman.
-, Axman.
-, Axman.
-, Flagman.

Subscribed and sworn to before me this }
day of, 190



752
10
FOR FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.
see Book "M" Subs. T12 N Q106. Supplemental Notes

BOOK 1927

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of the _____ day of _____, 190____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 190____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix A.T., January 20, 1908

The foregoing field notes of the survey of _____ Correction of the subdivisional lines of T11 1/2 N Q11 E, of the Gila and Salt River Base and Meridian, on the territory of Arizona.

executed by Charles L. Campbell, U.S. deputy surveyor under his contract No. 116, dated April 18, 1904, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.