

Book "F"

4-679.

SEP 23 1904

2081

BOOK 2081

FIELD NOTES

2081

OF THE SURVEY OF THE

2081

Subdivision of
Township No. 10 North
Range No. 10 East

2081

Of the Gilg Talf River Meridian,

District of Arizona

AS SURVEYED BY

Wm E. Pakes, United States Deputy Surveyor,

Under ^{Joint} his Contract No. 116, dated April 18, 1904, 189

Survey commenced July 12, 1904, 189

Survey completed August 1, 1904, 189

6-151

2081

2081

2081

42
1A

BOOK 2081

NAMES AND DUTIES OF ASSISTANTS.

Ronald Stearns, chairman
Virgil Cook

Orval Gilstrap, secretary

43
1B

BOOK 2081

INDEX DIAGRAM.

Township 10 North Range 10 East

6	62	5	50	4	38	3	26	2	14	1
68	64		49		37		25		13	
7	60	8	47	9	36	10	24	11	12	12
67	59		48		35		23		11	
18	58	17	46	16	34	15	21	14	9	13
65	57		45		33		21		8	
19	56	20	44	21	31	22	19	23	7	24
64	55		43		30		18		6	
30	54	29	42	28	29	27	17	26	5	25
63	53		41		28		16		4	
31	52	32	39	33	27	34	15	35	3	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Donald Stevenson and Virgil D. Earl
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

Subdivisions of T. 10 N. R. 10 E.

Donald Stevenson, Chainman.

Virgil D. Earl, Chainman.

Subscribed and sworn to before me this 19th

day of July, 1907



Iran E. Oakis

U. S. Dept. 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, I. Croab Gilstrap 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

Subdivisions of T. 10 N. R. 10 E.

Croab C. Gilstrap, Axman.

_____, Axman.

Subscribed and sworn to before me this 19th

day of July, 1907, 189



Iran E. Oakis

U. S. Dept. 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 _____



Subdivision of T. 10 N., R. 10 E.

Survey commenced on July 19, 1904, and executed with a W. and L. E. Gurley improved solar compass, No. 210, with telescopic attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to 30" of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the meridian at Spokane, Wash., by Geo. R. Campbell, Civil Engineer, and found correct on June 1, 1904.

I examine the adjustments of the instrument and find no level or collimation errors; then to 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 cor. of secs 1, 2, 35, and 36, on the S. bdy. of T. 10 N., R. 10 E.; latitude $34^{\circ} 9' 48''$ N., longitude $111^{\circ} 15' 36''$ W.; I set off $34^{\circ} 10' 0''$ N. on the latitude arc; $20^{\circ} 49' 0''$ N. on the decl. arc; and at $3^h 25^m$ p. m., b. m. t., determine with the solar a meridian and mark a point thereof, on a stone firmly set in the ground, 5 ch. N. of the cor.

Subdivision of T. 10 N., R. 10 E.

At 11^h 38.7^m p. m. by my watch, which is correct with l. m. t., I observe Polaris at eastern elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of my station.

July 19, 1904.

July 20: At 7 a. m., l. m. t., I lay off the azimuth of Polaris, $10^{\circ} 27.2'$ to the west, and mark the meridian thus determined, by cutting a small groove in the stone set July 19, on which the meridian falls 0.4 ins. east of the mark determined by the solar.

At 8 a. m., l. m. t., I set off $34^{\circ} 10' N.$ on the lat. arc; $20^{\circ} 41.3' N.$ on the decl. arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs. N. of my station; this mark falls 0.3 ins. east of the meridian established by the Polaris observation.

The solar apparatus, by p. m. and a. m. observations, defines positions for meridians, respectively about $0' 21''$ west and $0' 16''$ east of the meridian established by the Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.

Subdivision of T. 10 N., R. 10 E.

The magnetic bearing of the true meridian, at 8^h 20^m a.m., is N. 14° 20' W.; the angle thus determined gives the mag. decl. 14° 20' E.

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I commence at the cor. of secs. 1, 2, 35, and 36, already described, on the S. bdy. of T. 10 N., R. 10 E. Thence I run

N. 0° 01' W., bet. secs. 35 and 36.

Ascend S. slope of ridge, through scattering timber and undergrowth.

6.00 Ridge 150 ft. high bears E. and W.

10.50 Draw, 100 ft. deep, course E.

21.50 Spur, 100 ft. high, bears S. E.

30.00 Ravine 100 ft. deep, course S. E.

40.00 Set a granite stone, 15 x 8 x 6 ins., 10 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.

47.50 Ridge, 200 ft. high, bears E. and W.

70.00 Ravine, 125 ft. deep, course E.

80.00 Set a granite stone, 12 x 10 x 8 ins., 8 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, marked with 1 notch on S. and E. edges; from which

A juniper, 12 ins. diam., bears S. 56° W., 43 lks. dist., marked T 10 N R 10 E S 35 B. P.

No other trees being within limits, raised a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

## Subdivision of T. 10 N., R. 10 E.

Land, mountainous.

Soil, sandy and gravelly;  
3rd and 4th rate.

Timber, scattering juniper and cedar; undergrowth, scattering sage, chaparral, and oak.

Mountainous land, 80.00 chs.

~~~~~

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

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

79.92 Intersect E. bdy. of Twp. 6 lks. N.
of cor. of secs. 25, 30, 31, and 36, which
is already described.

Thence I run "true line" $N. 89^{\circ} 57' W.$, on a true line bet. secs.
25 and 36.

Over mountainous land through
3.00 scattering timber and dense undergrowth

5.60 Ravine, 50 ft. deep, course S. E.

10.00 Spring, 50 lks. N.; flows down
ravine.

12.50 Spur, 60 ft. high, bears N.

14.70 Same ravine as before; 50 ft.
deep; bears N. $60^{\circ} E.$

16.50 Spur, 50 ft. high, bears S.

22.00 Same ravine, 40 ft. deep, course
S. $50^{\circ} E.$

29.00 Spur, 125 ft. high, bears N.

✓ 39.96 Set a granite stone, $15 \times 6 \times 6$ ins.,
10 ins. in the ground, for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on N. face; from
which

A juniper, 12 ins. diam., bears
N. $10^{\circ} W.$, 57 lks. dist., marked
 $\frac{1}{4} S. 25 B T.$

A pine, 8 ins. diam., bears S.
 $68^{\circ} E.$, 165 lks. dist., marked
 $\frac{1}{4} S. 36 B T.$

Subdivision of T. 10 N., R. 10 E.

- 41.50 Same ravine, 100 ft. deep, course N.E.
Ascend over rolling hills, through dense undergrowth.
- 70.00 Stage road, bears N. 15° W. to Payson;
S. 15° E. to Cline.
- 79.92 The cor. of secs. 25, 26, 35, and 36.
Land, mountainous.
Soil, sandy and gravelly.
3rd and 4th rate:
Timber, scattering juniper and sycamore, undergrowth, oak and buck.
Mountainous or land covered with dense undergrowth 79.92 obs.
July 20: At this cor. I set off $20^{\circ} 39' N.$, on the decl. arc; and at $12^h - 6^m$ l.m.t., observe the sun on the meridian; the resulting lat. is $34^{\circ} 11' N$ which is correct.
- ~~~~~
- N. $0^{\circ} 1' W.$, bet. secs. 25 and 26.
Ascend over mountainous land through scattering timber and undergrowth.
- 2.25 Stage road, bears N. $60^{\circ} W.$ to Payson;
S. $60^{\circ} E.$ to Cline.
- 40.00 Set granite stone, $15 \times 10 \times 8$ ins.,
10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on the W. face.
From which
A juniper, 10 ins. diam., bears S. $19^{\circ} E.$, 140 lks. dist., marked $\frac{1}{4} S 25^{\circ} B T.$
A juniper, 6 ins. diam., bears S. $86^{\circ} W.$, 233 lks. dist., marked $\frac{1}{4} S 26^{\circ} B T.$
- 49.50 Ridge, 500 ft. high, bears E. and W.
Descend through dense undergrowth.
- 72.50 Fence, bears N. $80^{\circ} W.$ and S. $80^{\circ} E.$
Leave dense undergrowth, enter field.

Subdivision of T. 10 N., R. 10 E.

76.50 Gibson creek, dry, 25 lks. wide,
in valley 5 ft. high, course S. 70° E.

80.00 Set a granite stone, 20 x 8 x 6 ins.,
15 ins. in the ground, for cor. secs.
23, 24, 25, and 26, marked with 2
notches on S. and 1 notch on E.
edge; from which

An oak, 20 ins. diam., bears
N. 42° E., 104 lks. dist., marked
T. 10 N. R. 10 E. S. 24 B. T.

An oak, 24 ins. diam., bears
N. 66° W., 57 lks. dist., marked
T. 10 N. R. 10 E. S. 23 B. T.

No other trees being in limits,
raised mound of stone, 2 ft. base,
1/2 ft. high, W. of cor. Pits in-
practicable.

Land, mountainous and level.
Soil, sandy and gravelly.

2nd, 3rd, and 4th rate.

Timber, scattering juniper; under-
growth, oak, buck, and chaparral.
Mountainous land, 72.50 chs.

~~~~~

S. 89° 57' E., on a random line  
bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect E. bdy. of Tp. 3 lks.  
S. of cor. of secs. 19, 24, 25, and 30,  
already described.

Thence I run.

N. 89° 58' W., on a true line bet.  
secs. 24 and 25.

Descend S. W. slope, through scattering  
timber and dense undergrowth.

24.00 Ravine, 200 ft. deep, course S.

32.00 Spur, 75 ft. high, bears S. W.

39.99 Set a basalt stone, 15 x 8 x 6 ins., 10  
ins. in the ground, for 1/4 sec. cor.,

## Subdivision of T. 10 N., R. 10 E.

- marked  $\frac{1}{4}$  on N. face. No trees in limits; raised mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, N. of cor. Pits impracticable.
- 65.00 Leave dense undergrowth and enter level land.
- 73.15 Fence, bears N.  $80^{\circ}$  W., S.  $80^{\circ}$  E. Enter field.
- 75.50 Farm wagon road; bears S. E. and N. W.
- 79.98 The cor. of secs. 23, 24, 25, and 26. Land, level and mountainous. Soil, sandy and gravelly; 2nd and 3rd rate. Timber, scattering juniper and oak; undergrowth, oak and buck. Mountainous or land covered with dense undergrowth 65.00 chs.

~~~~~

In this mile
see page 70
of notes
attached

- N. $0^{\circ} 1'$ W., bet. secs. 23 and 24. Over level field.
- 00.75 Farm wagon road; bears S. E. and N. W.
- 3.50 Brush fence, bears N. 80° W., S. 80° E. Leave field. Ascend over rolling land through dense undergrowth and scattering timber.
- 25.00 Wire fence, bears N. 10° E., S. 10° W.
- 26.00 Wire fence, bears N. 10° W., S. 10° E.
- 33.00 Wire fence, bears N. 20° E., S. 20° W.
- 40.00 Set a granite stone, $12 \times 10 \times 10$ ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on west face, from which
- A cedar, 14 ins. diam., bears S. 76° E., 59 lks. dist., marked $\frac{1}{4}$ S 24 B.T.
- A cottonwood, 10 ins. diam., bears S. 51° W., 34 lks. dist., marked $\frac{1}{4}$ S 23 B.T.

Subdivision of T. 10 N., R. 10 E.

40.55 Wire fence, bears N. 70° W., S. 70° E.
59.50 Spur, 50 ft. high, slopes to N. W.
75.50 Dry bed of stream, 15 lks. wide, in a
ravine 50 ft. deep, course S. W., ascend.

80.00 Set a granite stone, 20 x 10 x 6 ins,
15 ins in the ground, for cor. secs.
13, 14, 23, and 24, marked with 3'
notches on the S. and 1' notch on
the E. edge; from which
A cedar, 8 ins. diam., bears
N. 56° E., 54 lks. dist., marked
T 10 N R 10 E S 13 B T.
A cedar, 10 ins. diam., bears
S. 41° W., 47 lks. dist., marked
T 10 N R 10 E S 23 B T.
A cedar, 10 ins. diam., bears
N. 7° W., 151 lks. dist., marked
T 10 N R 10 E S 14 B T.
No other suitable trees being
within limits, raised a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor. Pits impracticable.
Land, rolling and level.
Soil, sandy and gravelly,
2nd, 3rd, and 4th rate
Timber, juniper, cedar, and oak;
undergrowth, oak and chaparral.
Land covered with dense under-
growth, 76.50 chs. ✓
July 20, 1904.

~~~~~  
V  
S.  $89^{\circ} 58'$  E., on a random line,  
bet. secs. 13 and 24.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.06 Intersect E. bdy. of T p. 5 lks.  
No. of cor. of secs. 13, 18, 19, and 24.  
heretofore described.  
Thence I run  
N.  $89^{\circ} 56'$  W., on a true line bet.  
secs. 13 and 24.

## Subdivision of T. 10 N., R. 10 E.

Decend over mountainous land through scattering timber and dense undergrowth.

4.00 Draw, 'course S.W.; still decending along S. slope of mountain.

✓ 40.03 Set granite stone  $15 \times 18 \times 8$  ins., 10 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, from which

A cedar, 6 ins. in diam., bears N.  $67^\circ$  W., 120 lks. dist., marked  $\frac{1}{4}$  S 13 B T.

No other tree being within limits, raised a stone mound, 2 ft. base,  $1\frac{1}{2}$  ft high, N. of cor. Pits impracticable.

45.00 Over spur; still decending; along ~~N.~~ slope of spur.

74.00 Dry bed of stream, 15 lks. wide, *Course. Set in Rock*  
300 ft. below sec. cor.

80.06 The cor. of secs. 13, 14, 23, and 24.  
This cor. is 225 ft. lower than the cor. of secs. 13, 18, 19, and 24.  
Land, mountainous.

Soil, sandy and very rocky;  
3rd and 4th rate.

Timber, scattering juniper and cedar; undergrowth, buck, oak, and chaparral.

Land covered with dense undergrowth, 80.06 chs.

July 21: At 8 h. 10 m a.m., l.m.t.,  
I set off  $34^\circ 12'$  N. on the lat. arc;  $20^\circ 30'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23, and 24.

Thence I run N.  $0^\circ 1'$  W., bet. secs. 13 and 14.

Ascend over mountainous land,

# Subdivision of T. 10 N., R. 10 E.

|        |                                                                                                                                                                                                    |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | along S. W. slope, through dense undergrowth and scattering timber.                                                                                                                                |
| 125.00 | Spur, 150 ft. high, bears S. 40° W.                                                                                                                                                                |
| 18.00  | Draw, 75 ft. deep, course S. 65° W.                                                                                                                                                                |
| 31.00  | Spur, 100 ft. high, slopes to S. W.                                                                                                                                                                |
| 40.00  | Set granite stone, 15 x 8 x 6 ins.                                                                                                                                                                 |
|        | 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face. No trees being within limits, raised a mound of stone, 3 ft. base, 2½ ft high, W. of cor. Pits impracticable. |
| 49.25  | Draw, 75 ft. deep, course S. W.                                                                                                                                                                    |
| 65.00  | Divide between Star Valley and Gibson creek; 400 ft. high; bears S. E. and N. W.                                                                                                                   |
|        | Decend over steep N. slope and over cliffs.                                                                                                                                                        |
| 80.00  | Set a sandstone, 15 x 8 x 8 ins.                                                                                                                                                                   |
|        | 10 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, marked with 4 notches on the S, and 1 notch on the E. edge; from which                                                                |
|        | A <sup>cedar</sup> <del>yew</del> , 12 ins. diam., bears N. 67° E., 77 lks. dist., marked T 10 N R 10 E S 12 B T.                                                                                  |
|        | A yew, 10 ins. diam., bears S. 32° E., 77 lks. dist., marked T 10 N R 10 E S 13 B T.                                                                                                               |
|        | A yew 10 ins. diam., bears S 82° W, 77 lks. dist., marked T 10 N R 10 E S 14 B T.                                                                                                                  |
|        | a yew 12 ins. diam., bears N 24° W, 73 lks. dist., marked T 10 N R 10 E S 14 B T.                                                                                                                  |
|        | Land, mountainous.                                                                                                                                                                                 |
|        | Soil, sandy and parts are covered with boulders; 3rd and 4th rate.                                                                                                                                 |
|        | Timber, yew and juniper; undergrowth, buck, chaparral, and oak.                                                                                                                                    |
|        | Mountainous or land covered with dense undergrowth 80.00 obs.                                                                                                                                      |

## Subdivision of T. 10 N., R. 10 E.

S.  $89^{\circ} 56'$  E., on a random line  
bet. secs. 12 and 13.

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

80.12 Intersect E. bdy. of Tp. 7 lks. N.  
of the cor. of secs. 7, 12, 18, and 13,  
heretofore described.

Thence I run

N.  $89^{\circ} 53'$  W., on a true line  
bet. secs. 12 and 13.

Over rolling basin of Star  
Valley, through scattering  
timber and dense under-  
growth.

21.00 Draw, 5 ft. deep, course N.

38.00 Spur, 150 ft. high, slopes N.

40.06 Set a granite stone,  $12 \times 10 \times 10$  ins.,  
8 ins. in the ground, for  $\frac{1}{4}$  sec. cor.,  
marked  $\frac{1}{4}$  on the N. face; from  
which

A fir, 8 ins. in diam., bears  
N.  $63\frac{1}{2}^{\circ}$  W., 46 lks. dist., marked  
 $\frac{1}{4}$  S.  $12^{\circ}$  B.T.

A fir, 6 ins. diam., bears  
S.  $56\frac{1}{2}^{\circ}$  E., 70 lks. dist., marked  
 $\frac{1}{4}$  S.  $13^{\circ}$  B.T.

47.00 Draw, 75 ft. deep, course N. E.

59.00 Spur, 100 ft. high, slopes N.

63.00 Draw, 75 ft. deep, course N. W.

ascend along N. slope of divide.

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

Land, rolling.

Soil sandy; 3rd rate.

Timber, juniper and yew, under-  
growth, chaparral, buck, and  
yew.

Land covered with dense under-  
growth, 80.12 chs. ✓

July 21: At this cor. I set off  
 $20^{\circ} 27\frac{1}{2}'$  N., on the decl. arc; and  
at  $12^{\text{h}} 6^{\text{m}}$ , l. m. t., observe the sun  
on the meridian; the resulting

Subdivision of T. 10 N., R. 10 E.

lat. is  $34^{\circ}13'$  which is correct.

~~~~~

N. $0^{\circ}1'$ W., bet. secs. 11 and 12.
Decend over mountainous land
through scattering timber and
dense undergrowth.

11.00 Enter yew Thicket, bears E. and W.
Decend over rolling basin of
Star Valley.

22.00 Leave yew Thicket, bears N. E. and
S. W.

38.75 Dry bed of creek, 30 lks. wide, in
ravine 300 ft. deep, course N. 50° E.; ascend.

40.00 Set a granite stone, $15 \times 10 \times 8$ ins.,
10 ins. in the ground; for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on W. face; from
which

An oak, 8 ins. diam., bears
S. $52\frac{1}{2}^{\circ}$ E., 15 lks. dist., marked
 $\frac{1}{4}$ S 12 B T.

An oak, 8 ins. diam., bears
S. $33\frac{1}{2}^{\circ}$ W., 38 lks. dist., marked
 $\frac{1}{4}$ S 11 B T.

47.25 Spur, 150 ft. above dry bed of creek,
slopes S. E.

80.00 Set a sandstone, $18 \times 8 \times 6$ ins., 12 ins.
in the ground for cor. of secs.
1, 2, 11, and 12, marked with 5 notches
on the S., and 1 notch on the E.
edge; from which

A pine, 12 ins. diam., bears
N. $63\frac{1}{2}^{\circ}$ E., 72 lks. dist., marked
T 10 N R 10 E S 1 B T.

a pine 16 ins. diam., bears
S. $54\frac{1}{2}^{\circ}$ E., 119 lks. dist., marked
T 10 N R 10 E S 12 B T.

An oak, 7 ins. diam., bears
S. $50\frac{1}{2}^{\circ}$ W., 145 lks. dist., marked
T 10 N R 10 E S 11 B T.

An oak, 6 ins. diam., bears

For this half mile
see page 1.
Ref. notes there
attached

N. 31° W., 175 lks. dist., marked
T. 10 N. R. 10 E. S. 2 B. T.

Land, rolling and mountainous.
Soil, sandy; 3rd rate.

Timber, scattering yew, oak, pine,
and walnut; undergrowth, yew,
chaparral and buck.

Mountainous or land covered with
dense undergrowth, 80.00 chs.

~~~~~

S. 89° 53' E., on a random line  
bet. secs. 1 and 12.

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

79.92 Intersect E. bdy. of T. p. 3 lks.

S. of cor. of secs. 1, 6, 7, and 12.

Thence I run

✓ N. 89° 54' W., on a true line bet.  
secs. 1 and 12.

Over mountainous land through  
scattering timber and dense  
undergrowth, along N. slope.

3.50 Spur, 50 ft. above sec. cor., slopes N.

15.00 Draw, 100 ft. below top of spur, course  
N. E.

22.00 Enter chaparral thicket, bears  
N. 20° W.; S. 20° E.

32.50 Leave chaparral thicket, bears  
N. 30° E.; S. 30° W.

36.00 Spur, 100 ft. above draw, slopes  
N.

✓ 39.96 Set a granite stone, 14 x 6 x 6 ins.  
10 ins. in the ground, for  $\frac{1}{4}$  sec.  
cor., marked  $\frac{1}{4}$  on N. face; from  
which

A pine, 6 ins. diam., bears  
N. <sup>30</sup>° W., <sup>83</sup> 74 lks. dist., marked  
 $\frac{1}{4}$  S. 1 B. T.

a pine, 6 ins. diam., bears  
S. <sup>50</sup>° W., <sup>25</sup> 34 lks. dist., marked  
 $\frac{1}{4}$  S. 12 B. T.

For this rule  
see page 2  
Sup. notes  
are attached

# Subdivision of T. 10 N., R. 10 E.

|       |                                                                                                                                                                                                                                                                                                                         |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 48.00 | Draw, 100 ft. below top of spur, course S. 35° W.                                                                                                                                                                                                                                                                       |
| 55.00 | Spur, 125 ft. high, slopes N. 80° W.                                                                                                                                                                                                                                                                                    |
| 77.00 | Draw, 150 ft. below top of spur, course N. E.                                                                                                                                                                                                                                                                           |
| 79.92 | The cor. of secs. 1, 2, 11, and 12.<br>Land mountainous.<br>Soil, sandy and gravelly; 3rd rate.<br>Timber, scattering juniper and pine; undergrowth, chaparral and buck.<br>Mountainous or land covered with dense undergrowth 79.92 chs.                                                                               |
| ~~~~~ |                                                                                                                                                                                                                                                                                                                         |
|       | N. 0° 1' W. on a random line bet. secs. 1 and 2.                                                                                                                                                                                                                                                                        |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor.                                                                                                                                                                                                                                                                                       |
| 79.88 | Intersect. N. bdy. of Tp. <sup>2</sup> 8 lks. <sup>11</sup> S. of cor. of secs. 1, 2, 35, and 36.<br>Thence I run S. on a true line bet. secs. 1 and 2.<br>Over rolling land, through scattering timber and dense undergrowth.                                                                                          |
| 6.50  | Draw, 50 ft. below cor., course N. E.                                                                                                                                                                                                                                                                                   |
| 27.00 | Spur, 75 ft. high, slopes E.                                                                                                                                                                                                                                                                                            |
| 39.88 | Set a granite stone, 15 x 6 x 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which<br>An oak, 14 ins. diam., bears S. 69° E., 63 lks. dist., marked $\frac{1}{4}$ S 1° B T.<br>A cedar, 8 ins. diam., bears N. 20° W., 52 lks. dist., marked $\frac{1}{4}$ S 2° B T. |
| 57.50 | Wagon road; bears S. 80° W. to Payson; N. 80° E. to ranches down Star Valley.                                                                                                                                                                                                                                           |
| 55.00 | Draw, 175 ft. below top of spur,                                                                                                                                                                                                                                                                                        |

For this full note see page 3. Ref. note here attached

# Subdivision of T. 10 N., R. 10 E.

BOOK 2081 59

66.75 course, E.  
 75.00 Spur, 50 ft. high, slopes S. E.  
 75.00 Enter draw, 150 ft. deep, course S.  
 79.50 Leave draw, course S. 70° E.  
 79.88 The cor. of secs. 1, 2, 11, and 12.

Land, rolling.  
 Soil, sandy, 3rd rate.  
 Timber, oak, cedar, juniper and pine; undergrowth, buck, chaparral, and oak.  
 Land covered with dense undergrowth 79.88 chs. ✓

July 21, 1904.

July 22, 1904. at 7 h. 10 m. A.M. Lmt. I set off 34° 10' N. on the lat. arc. 20° 19' N. on the decl. arc. and determining a true meridian at the cor. to secs. 2, 3, 34 and 35 S. Bdy. From the cor. of secs. 2, 3, 34, and 35, on S. bdy. of the Twp., I run

N. 0° 1' W., bet. secs. 34 and 35.

Ascend S. slope of divide through scattering timber.

13.50 Divide, 200 ft. above sec. cor., bears N. 30° W.; S. 30° E.; descend.

40.00 Set a granite stone, 15" x 10 x 8 ins., 10" ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which

a cedar, 12 ins. diam., bears N. 7 3/4° E., 407 lks. dist., marked 1/4 S. 35° B.T.

a cedar, 12 ins. diam., bears N. 14 3/4° W., 334 lks. dist., marked 1/4 S. 34° B.T.

41.00 Draw, 125 ft. below divide, course E.

53.50 Spur, 150 ft. high, slopes E.

74.50 Dry bed of stream, 10 lks. wide, in ravine 100 ft. deep, course S. E.

80.00 Set a granite stone, 14 x 10 x 8 ins., 10" ins. in the ground for cor. of secs. 26, 27, 34, and 35, marked with 1 notch on the S., and 2 notches

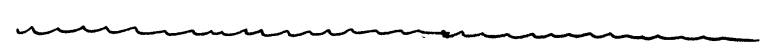
# Subdivision of T. 10 N., R. 10 E.

on the E. edge, from which  
A cedar, 10 ins. diam., bears  
S.  $63\frac{1}{4}^{\circ}$  W., 65 lks. dist., marked  
T. 10 N. R. 10 E. S 34 B T.

A cedar, 12 ins. diam., bears  
N.  $27\frac{1}{2}^{\circ}$  W., 196 lks. dist., marked  
T. 10 N. R. 10 E. S 27 B T.

No other trees being within  
limits, raised a mound of stone  
3 ft. base, 2 ft. high, W. of cor.  
Pits impracticable.

Land, mountainous.  
Soil, sandy and clay, 3rd rate.  
Timber, juniper and cedar;  
undergrowth, buck and oak.  
Mountainous land, 80.00 chs.



E. on a random line bet. secs.  
26 and 35.

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

79.85 Intersect N. and S. line, 8 lks.  
N. of the cor. of secs. 25, 26, 35, and  
36; thence I run  
N.  $89^{\circ} 57'$  W., on a true line bet.  
secs. 26 and 35.

Descend along S. slope, over moun-  
tainous land, through scattering  
timber and undergrowth.

16.00 Dry bed of creek, 20 lks. wide, in  
ravine 75 ft. deep, course, S. E., ascend.

36.00 Spur, 125 ft. high, slopes S. E.; descend  
along S. slope of hill.

✓ 38.925 Set a granite stone, 16 x 12 x 8 ins.  
11 ins. in the ground, for  $\frac{1}{4}$  sec.  
cor., marked  $\frac{1}{4}$  on N. face; from  
which

A juniper 16 ins. diam. bears  
N.  $54\frac{1}{4}^{\circ}$  E., 154 lks. dist., marked  
 $\frac{1}{4}$  S 28 B T.

No other tree being within

limits, raised a stone mound  
2½ ft. base, 2 ft. high N. of cor.  
Pits impracticable.

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

Land, mountainous.

Soil, sandy; 3rd rate.

Timber, scattering juniper and  
cedar, undergrowth, scattering  
buck and oak.

Mountainous land, 79.85 chs. ✓

~~~~~

N. 0° 1' W., bet. secs. 26 and 27.

Ascend over mountainous land
through scattering timber and
undergrowth.

14.00 Spur, 150 ft. above sec. cor., slopes
S. W.

23.50 Draw, 75 ft. deep, course E.

33.00 Ridge, 200 ft. high bears E. and W. dis.

40.00 Set a granite stone, 15 x 8 x 6 ins.,
10 ins. in the ground, for ¼ sec.
cor., marked ¼ on W. face; from
which

A cedar 8 ins. diam., bears
S. 33½° E, 81 lks. dist., marked
¼ S 28 B T.

No other trees being within
limits, raised a mound of
stone, 2 ft. base, 1½ ft. high,
W. of cor. Pits impracticable.

64.50 Draw, 300 ft. below ridge, course E.

68.00 Spur, 25 ft. high, slopes E.

73.00 Enter level land, 50 ft. below top
of spur; enter dense undergrowth.

80.00 Set a sandstone 12 x 12 x 6 ins.,
8 ins. in the ground, for cor. of
secs. 22, 23, 26, and 27, marked
with 2 notches on the S. and E.
edges; from which

Subdivision of T. 10 N., R. 10 E.

A cedar, 16 ins. diam., bears
N. 75° E, 124 lks. dist., marked
T. 10 N. R. 10 E. S. 23 B. T.

a cedar, 14 ins. diam., bears
S. 72° E, 132 lks. dist., marked
T. 10 N. R. 10 E. S. 26 B. T.

An oak, 6 ins. diam., bears
S. $21^{\circ}\frac{1}{2}$ W., 74 lks. dist., marked
T. 10 N. R. 10 E. S. 27 B. T.

An oak, 6 ins. diam., bears
N. $29^{\circ}\frac{1}{2}$ W., 53 lks. dist., marked
T. 10 N. R. 10 E. S. 22 B. T.

Land, level and mountainous.
Soil, sandy and gravelly; 3rd rate
Timber, juniper, cedar, and oak;
undergrowth, chaparral and buck.
Mountainous land or land
covered with dense undergrowth
80.00 chs. ✓

July 22: At this cor. I set off
~~20~~¹⁶ $^{\circ}$ N. on the decl. arc; and
at $12^{\frac{1}{2}}$ 6^m l. m. t., observe the sun
on the meridian; the resulting
latitude is $34^{\circ} 11\frac{1}{2}'$ N which is correct.

S. $89^{\circ} 57'$ E., on a random line bet.
secs. 23 and 26.

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

80.06 Intersect N. and S. line, 22 lks.
S. of cor. of secs. 23, 24, 25 and 26;
thence I run

✓ S. $89^{\circ} 54'$ W., on a true line bet.
secs. 23 and 26.

Over level field.

6.00 Dry bed of Gibson creek, 40 lks.
wide, in banks 5 ft. high, course S. 60° E.

12.00 Fence, bears S. E. and N. W.; leave
field and run through scattering
timber and dense undergrowth
over mountainous land.

In this rule
see page 5
Sup. notes are attached

Subdivision of T. 10 N., R. 10 E.

27.61	Clay's house bears N. 2° W.
31.86	Clay's house bears N. 16° E.
	Deserted farm house bears N. 30° W.
✓ 40.03	Set a granite stone 15" x 12 x 8 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face. No trees being within limits, raised a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Pits impracticable.
47.50	Spur, 275 ft. above Gibson creek, slopes N. W.
63.00	Draw, 250 ft. deep, course N. 50° E.
64.00	Wagon road, bears N. 50° E. and S. 50° W.
68.62	Deserted farm house bears N. 30° E.
70.00	Spur, 50 ft. high, slopes N.
73.00	Draw, 100 ft. deep, course N.
80.06	The cor. of secs. 22, 23, 26, and 27. Land, level and mountainous. Soil, sandy; 2nd and 3rd rate. Timber, oak and juniper; undergrowth, chaparral, oak, and buck. Mountainous land or land covered with dense under- growth, 68.00 chs. ✓ ~~~~~ N. 0° 1' W., bet. secs. 22 and 23. Over level land through dense undergrowth.
1.50	Enter open flat; leave under- growth, bears E. and W.
18.00	Deserted farm house bears W., 3 chs. dist.
18.10	Fence, bears N. 20° W.; S. 20° E. Enter field.
34.50	Dry bed of Gibson creek, 40 lks. wide, in banks 8 ft. high; course S. 60° E.

Subdivision of T. 10 N., R. 10 E.

- 40.00 Set a granite stone 15 x 8 x 6 ins.,
10 ins. in the ground, for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on W. face. No trees
being within limits, raised
a mound of stone, 2 ft. base, $1\frac{1}{2}$
ft. high W. of cor. Pits in-
practicable.
- 44.50 Fence, bears S. E. and N. W.;
leave field.
- 45.25 Wagon road; bears S. E. to Clay's
ranch; N. W. to Payson stage
road.
- 50.00 Leave level land; ascend over
rolling land through scattering
timber and dense undergrowth.
- 67.00 Spur, 50 ft. above valley, slopes S. E.
- 80.00 Set granite stone, 15 x 8 x 8 ins.
10 ins. in the ground, for cor. of
secs. 14, 15, 22, and 23, marked
with 3 notches on the S., and
2 notches on the E. edge; from
which

A cedar, 12 ins. in diam., bears
N. 35° E., 73 lks. dist., marked
T. 10 N. R. 10 E. S. 14 B. T.

A cedar, 10 ins in diam., bears
S. 32° E., 90 lks. dist., marked
T. 10 N. R. 10 E. S. 23 B. T.

A cedar, 12 ins. diam., bears
S. $29\frac{1}{2}^{\circ}$ W., 270 lks. dist., marked
T. 10 N. R. 10 E. S. 22 B. T.

a cedar, 14 ins. diam., bears
N. 57° W., 148 lks. dist., marked
T. 10 N. R. 10 E. S. 15 B. T.

Land, level and rolling.
Soil, sandy; 2nd and 3rd rate.
Timber, oak and juniper.
Land covered with dense under-
growth 31.50 chs.

Undergrowth, sage and soap
brush.

Subdivision of T. 10 N., R. 10 E.

- N. $89^{\circ} 54'$ E., on a random line bet. secs. 14 and 23.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.82 Intersect N. and S. line 5 lks. S. of cor. of secs. 13, 14, 23, and 24, thence I run S. $89^{\circ} 52'$ W., on a true line bet. secs. 14 and 23.
- Over rolling land through scattering timber and dense undergrowth.
- 2.50 Draw, 75 ft. below cor., course S.
- 10.00 Spur, 100 ft. high, slopes N. E.
- 14.00 Draw, 50 ft. deep, course S. 60° W.
- 36.50 Spur, 100 ft. high, slopes S. W.
- ✓ 39.91 Set a granite stone, $16 \times 10 \times 8$ ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which
- 8K
- A pine, 10 ins. diam., bears N. $60\frac{1}{2}^{\circ}$ E., 111 lks. dist., marked $\frac{1}{4}$ S 14 B T.
- A cedar, 14 ins. diam., bears S. 6° E., 48 lks. dist., marked $\frac{1}{4}$ S 23 B T.
- 48.00 Draw, 50 ft. deep, course S.
- 60.00 Spur, 100 ft. high, slopes S. 50° W.
- 69.00 Draw, 75 ft. deep, course S. W.
- 79.82 The cor. of secs. 14, 15, 22, and 23.
- Land, rolling.
- Soil, sandy and gravelly; 3rd rate.
- Timber, scattering juniper and cedar; undergrowth, chaparral and buck.
- Land covered with dense undergrowth 79.82 chs. ✓
- July 22, 1904.
- ~~~~~

N. $0^{\circ} 1'$ W., bet. secs. 14 and 15.

Ascend over mountainous land through scattering timber and

Subdivision of T. 10 N., R. 10 E.

- dense undergrowth.
- 8.00 Spur, 75 ft. high, slopes E.; descend.
- 15.00 Dry bed of stream, 30 lbs. wide, in ravine 200 ft. deep; course S. 55° W.; ascend.
- 34.00 Spur, 150 ft. high, slopes S. W.; descend.
- 40.00 Set a granite stone 15 x 8 x 6 ins.
 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which
 A cedar, 20 ins. diam., bears S. 37 $\frac{3}{4}$ ° E., 203 lbs. dist., marked $\frac{1}{4}$ S. 14 B T.
- A cedar, 20 ins. diam., bears S. 58° W., 50 lbs. dist., marked $\frac{1}{4}$ S. 15 B T.
- 62.00 Draw, 100 ft. deep, course E.; ascend.
- 80.00 Set a granite stone, 18 x 8 x 6 ins., 12 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked with 4 notches on the S. and 2 on the E. edge; from which
 A cedar, 9 ins. diam., bears S. 71 $\frac{1}{2}$ ° W., 150 lbs. dist., marked T. 10 N. R. 10 E. S. 15 B T.
- A cedar, 7 ins. diam., bears N. 74 $\frac{1}{2}$ ° W., 110 lbs. dist., marked T. 10 N. R. 10 E. S. 10 B T.
- No other trees being within limits, raised a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. Pits impracticable. Land mountainous.
- Soil, sandy and gravelly; 3rd rate timber, scattering juniper and cedar; undergrowth, buck, chaparral, and oak.
- Mountainous land or land covered with dense undergrowth, 80.00 chs. ✓

~~~~~

## Subdivision of T. 10 N., R. 10 E.

July 23, At 8<sup>h</sup> 10<sup>m</sup> a.m., l.m.t.,  
I set off 34° 13' N. on the lat. arc;  
20° 5½' N. on the decl. arc; and  
determine a meridian with the  
solar at the cor. of secs. 10, 11, 14 and 15.

Thence I run

N. 89° 52' E., on a random line  
bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

79.80 Intersect N. and S. line, 1 lk.

N. of cor. of secs. 11, 12, 13, and 14;  
thence I run

✓ S 89° 52' W., on a true line bet.  
secs. 11 and 14.

Ascend N.E. slope of divide  
through scattering timber  
and dense undergrowth.

7.00 Leave dense undergrowth;  
bears N. 20° E.; S. 20° W., enter  
scattering undergrowth.

22.00 Divide between Star Valley and  
Gibson creek, 400 ft above  
sec. cor., bears S. 70° E.; N.  
70° W.; descend along S.W. slope  
of divide.

✓ 39.90 Set a granite stone, 15 x 10 x 6 ins.,  
OK 10 ins. in the ground. For ¼ sec.  
cor., marked ¼ on N. face; from  
which

A cedar, 10 ins. diam., bears  
N. 3½° W., 97 lks. dist., marked  
¼ S 11° B.T.

A pine, 8 ins. diam., bears  
S. 1° W., 98 lks. dist., marked  
¼ S 14° B.T.

67.00 dry bed of stream, 25 lks. wide,  
in ravine 350 ft. deep, course S.  
30° E.; ascend.

79.80 The cor. of secs. 10, 11, 14 and 15.  
Land, mountainous.

Soil, sandy and stony; 3rd  
and 4th rate.

## Subdivision of T. 10 N., R. 10 E.

Timber, scattering yew, juniper, cedar, and pine; undergrowth, yew, buck, chaparral, and oak. Mountainous land or land covered with dense undergrowth, 79.80 chs.

~~~~~

N. $0^{\circ}1'$ W., bet. secs. 10 and 11.

Ascend over mountainous land through scattering timber and dense undergrowth

3.50 Spur, 50 ft. above sec. cor., slopes N. W.

17.50 Draw, 150 ft. deep, course N. W.; ascend over N. W. slope of divide.

32.50 Divide between Star Valley and Gibson creek, 200 ft. high; bears S. 60° E., N. 60° W.; descend.

40.00 Set a granite stone $12 \times 8 \times 8$ ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which

An oak, 8 ins. diam., bears S. 70° E., 166 lks. dist., marked $\frac{1}{4}$ S 11 B T.

A pine, 8 ins. diam., bears S. $47^{\circ}\frac{1}{2}$ W., 152 lks. dist., marked $\frac{1}{4}$ S 10 B T.

~~53.50 Foot of decent, 150 ft. below top of divide, bears E. and W.~~

~~53.60 Dry bed of stream, 30 lks. wide, in banks 4 ft. high, course E. Thence over level flat.~~

~~80.00 Set a granite stone, $15 \times 8 \times 6$ ins. 10 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, marked with 5 notches on the S., and 2 notches on the E. face; from which~~

~~A juniper, 14 ins. diam., bears N. $64^{\circ}\frac{1}{4}$ E., 20 lks. dist., marked~~

For this half
mile see page 4
Exp. notes have
attached

Subdivision of T. 10 N., R. 10 E.

~~T. 10 N. R. 10 E. S. 2 B. T.~~~~A cedar, 8 ins. diam., bears
S. $64\frac{1}{2}^{\circ}$ E., 121 lks. dist., marked
T. 10 N. R. 10 E. S. 11 B. T.~~~~A juniper, 20 ins. diam.,
bears S. $70\frac{3}{4}^{\circ}$ W., 207 lks. dist., marked
T. 10 N. R. 10 E. S. 10 B. T.~~~~An oak, 16 ins. diam., bears
N. $61\frac{1}{2}^{\circ}$ W., 45 lks. dist., marked
T. 10 N. R. 10 E. S. 3 B. T.~~~~Land, level and mountainous.
Soil, sandy and gravelly;
3rd rate.~~~~Timber, juniper, cedar, oak, and
pine; undergrowth, buck, oak,
and chaparral.~~~~Mountainous or land covered
with dense undergrowth
80.00 chs. ✓~~~~July 23: At this cor. I set off
20° 3.5' N. on the decl. arc; and
at 12^h 6^m, l. m. t., observe the
sun on the meridian; the
resulting lat. is 34° 14' which
is within the fraction of a
minute of the correct lat.~~~~~~~~~~~~~N. $89^{\circ} 52'$ E., on a random line
bet. secs. 2 and 11.~~~~40.00 Set temp. $\frac{1}{4}$ sec. cor.~~~~79.94~~~~I intersect the N. and S. line
8 lks. N. of cor. of secs. 1, 2, 11, and 12;
thence I run~~~~✓ S. $89^{\circ} 55'$ W., on a true line
bet. secs. 2 and 11.~~~~Ascend over rolling land through
scattering timber and dense
undergrowth.~~~~22.50 Spur, 100 ft. above sec. cor., slopes
S. E.; descend.~~

For this 1/2
see page 5
of notes here attached

Subdivision of T. 10 N., R. 10 E.

29.75	Dry bed of stream, 25 lks. wide, in drain 100 ft. deep; course S. 60° E.
31.00	Spring, 50 lks. N.; ascend.
34.00	Spur, 50 ft. high, slopes S. 60° E.
39.97	Set a sandstone 15 x 8 x 6 ins., 10 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which A pine, 6 ins. diam., bears N. 29° E., 107 lks. dist. marked $\frac{1}{4}$ S 2 B T. A pine, 8 ins. diam., bears S. 40° W., 74 lks. dist., marked $\frac{1}{4}$ S 1 B T.
42.00	Draw, 75 ft. deep, course N. E.
55.75	Spur, 150 ft. high, slopes N. E.
66.50	Draw, 50 ft. deep, course S.
79.94	The cor. of secs. 2, 3, 10, and 11. Land, rolling. Soil, sandy, 3rd rate. Timber, scattering pine, juniper, oak, and walnut; undergrowth, buck, chaparral, and oak. Land covered with dense undergrowth; 79.94 chs.
	<div>~~~~~</div> <div>N. 0° 1' W., on a random line bet. secs. 2 and 3.</div>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect N. bdy. of T. 6 lks. E. of cor. of secs. 2, 3, 34 and 35; thence I run: S. 0° 4' E., on a true line bet. secs. 2 and 3. Descend over rolling land through scattering timber and dense undergrowth.
25.00	Enter level flat, 50 ft. below sec. cor.
39.80	Set a granite stone, 18 x 10 x 6 ins., 12 ins. in the ground for $\frac{1}{4}$ sec.

For this half mile
see pages 5, 6
Notes are attached

For this mile
see page 6
Dep. notes are
attached

Subdivision of T. 10 N., R. 10 E.

- cor., marked $\frac{1}{4}$ on W. face; from which
- An oak, 14 ins. diam., bears S. $23\frac{1}{4}^{\circ}$ E., 119 lks. dist., marked $\frac{1}{4}$ S. 2 B.T.
- A pine, 12 ins. diam., bears S. $78\frac{3}{4}^{\circ}$ W., 119 lks. dist., marked $\frac{1}{4}$ S. 3 B.T.
- 62.40 Wagon road, bears E. to Star Valley, W. to Payson.
- 79.80 The cor. of secs. 2, 3, 10, and 11. Land, level and rolling. Soil, sandy; 3rd rate. Timber, juniper, oak, cedar, and pine; undergrowth, buck, chaparral, and oak. Land covered with dense undergrowth 79.80 chs. ✓
July 23, 1904.
~~~~~
- From the cor. of secs. 3, 4, 33, and 34, on S. bdy. of T.P.; I run N.  $0^{\circ} 2'$  W., bet. secs. 33 and 34. descend along top of ridge over mountainous land, through scattering timber and undergrowth.
- 17.00 Lowest point of spur, 175 ft. below sec. cor.; ascend over S.W. slope of mountain.
- 40.00 Set a granite stone,  $12 \times 12 \times 8$  ins., 8 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.  $37\frac{1}{2}^{\circ}$  W., 119 lks. dist., marked  $\frac{1}{4}$  S. 33 B.T.
- No other trees being within limits, raised a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Pits impracticable.

## Subdivision of T. 10 N., R. 10 E.

- 48.00 Spur, 500 ft. high, slopes N.W.  
52.00 Draw, 50 ft. deep, course N.W.  
61.00 Spur, 75 ft. high, slopes N.W.;  
descend along N.W. slope of  
mountain.
- 80.00 Set a granite stone, 15 x 10 x 8 ins.,  
10 ins. in the ground for the  
cor. of secs. 27, 28, 33, and 34,  
marked with 1 notch on the  
S. and 3 notches on the E.  
edge; from which  
A cedar, 8 ins. diam., bears  
S.  $22^{\circ}$  E, 54 lks. dist., marked  
T. 10 N R. 10 E S 34 B.T.  
A cedar, 8 ins. diam., bears  
S.  $43^{\circ}\frac{3}{4}$  W., 92 lks. dist., marked  
T. 10 N R. 10 E S 33 B.T.  
A cedar, 8 ins. diam., bears  
N.  $80^{\circ}\frac{1}{2}$  W., 170 lks. dist., marked  
T. 10 N R. 10 E S 28 B.T.  
No other trees being within  
limits, raised a mound of  
stone,  $2\frac{1}{2}$  ft. base, 2 ft. high,  
W. of cor. Pits impracticable.  
Land, mountainous.  
Soil, sandy and gravelly;  
3rd and 4th rate.  
Timber, juniper and cedar;  
undergrowth, buck and  
mesquite.  
Mountainous land 80.00 chs.
- ~~~~~
- E., on a random line bet. secs.  
27 and 34.  
40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
79.80 Intersect N. and S. line,  $\frac{2}{3}$  lks.  
N. of cor. of secs. 26, 27, 34, and  
35; thence run  
N.  $89^{\circ}59'$  W. on a true line bet.  
secs. 27 and 34.

- Ascend E. slope of divide through scattering timber and undergrowth.
- 20.00 Divide, 100 ft. above sec. cor., bears N. and S.; descend.
- ✓ 39.90 Set a granite stone,  $12\frac{1}{2} \times 10 \times 8$  ins., 8 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; No trees being within limits, raised a mound of stone, 3 ft. base, 2 ft. high N. of cor. Pits impracticable.
- OK
- 45.00 Draw, 200 ft. deep, course N.W.
- 65.00 Spur, 75 ft. high, slopes N.
- 77.00 Draw, 100 ft. deep, course N.
- 79.80 The cor. of secs. 27, 28, 33, and 34. Land, mountainous. Soil, sandy and gravelly. Timber, scattering juniper and cedar; undergrowth, oak, buck, and chaparral. Mountainous land, 79.80 chs. ✓

July 25: At 9<sup>h</sup>-40<sup>m</sup> A.M. l. m. t., I set off  $34^{\circ} 11'$  on the lat. arc;  $19^{\circ} 1'$   $39\frac{1}{2}$  N. on the dial. arc; and determine a meridian with the solar at the cor. of secs. 27, 28, 33, and 34. Thence I run

- N.  $0^{\circ} 2' N.$ , bet. secs. 27 and 28. Descend N. slope of ridge through scattering timber and dense undergrowth.
- 13.00 Dry bed of stream, 50 lks. wide, in ravine 150 ft. below sec. cor.; ascend. course N.
- 25.00 Spur, 200 ft. high, slopes N.W.
- 40.00 Set a granite stone,  $15 \times 8 \times 6$  ins., 10 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; from which

Subdivision of T. 10 N., R. 10 E.

(M) A cedar, 12 ins. diam., bears S.  $58^{\circ}\frac{3}{4}$  E., 70 lks. dist., marked  $\frac{1}{4}$  S 27 B T.  
A cedar, 6 ins. diam., bears S.  $82^{\circ}\frac{1}{2}$  W., 70 lks. dist., marked  $\frac{1}{4}$  S 28 B T.  
51.50 Draw, 200 ft. deep, course W.; ascend.  
57.50 Spur, 75 ft. high, slopes W.; descend.  
62.50 Draw, 50 ft. deep, course S. W.; ascend.  
80.00 Set a granite stone, 15 X 8 X 6 ins. 10 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, marked with 2 notches on the S., and 3 notches on the E. edge. No trees being within limits, raised a mound of stone, 3 ft. base, 2 ft. high W. of cor. Pits impracticable. Land, mountainous. Soil, sandy and stony; 3rd and 4th rate. Timber, juniper, cedar, and oak; undergrowth; oak, chaparral, and buck. Mountainous or land covered with dense undergrowth, 8000 chs. July 25: At this cor. I set off  $19^{\circ}38\frac{1}{2}$  N. on the decl. arc; and at 12 h. 6 m. l. m. t., observe the sun on the meridian; the resulting lat. is  $34^{\circ}11\frac{1}{2}$  N.

~~~~~

S. $89^{\circ}59'$ E., on a random line bet. secs. 22 and 27.

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

79.76 I intersect N. and S. line, 7 lks. N. of cor. of secs. 22, 23, 26, and 27; thence I run N. $89^{\circ}56'$ W., on a true line bet. secs. 22 and 27.

In this mile run page 73
Ref. notes here attached

Subdivision of T. 10 N., R. 10 E.

Ascend over mountainous land through scattering timber and dense undergrowth.

15.00 Spur, 75 ft. high, slopes N.

32.00 Dry bed of stream, in ravine 75 ft. deep, course N. E.

✓ 39.88 Set a granite stone 18x10x8 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which

A cedar, 11 ins. diam., bears N. 1° W., 160 lks. dist., marked $\frac{1}{4}$ S 22 B J.

A cedar, 8 ins. diam., bears S. 65° E., 150 lks. dist., marked $\frac{1}{4}$ S 27 B J.

55.50 Divide, 175 ft. high, bears S. E. and N. W.; descend.

70.40 Draw, 200 ft. below divide, course S. W.

72.50 Spur, 30 ft. high, slopes S.

77.00 Draw, 50 ft. deep, course S. W.

79.76 The cor. of secs. 21, 22, 27, and 28. Land, mountainous.

Soil, sandy and gravelly; 3rd rate.

Timber; juniper and cedar; undergrowth, oak and chaparral.

Mountainous or land covered with dense undergrowth, 79.76 chs.

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

Ascend over S. W. slope of ridge through scattering timber and dense undergrowth.

17.00 Ridge, 125 ft. above sec. cor., bears N. W. and S. E.

32.00 Dry bed of stream, 20 lks. wide, in ravine 200 ft. deep, course S. W.

## Subdivision of T. 10 N., R. 10 E.

- 37.50 Spur, 50 ft. high, slopes W.  
40.00 Set a sandstone,  $15 \times 10 \times 6$  ins.  
OK 10 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  
S.  $71^\circ$  E., 50 lks. dist., marked  
 $\frac{1}{4}$  S 22 B T.  
a cedar, 8 ins. diam., bears  
S.  $85^\circ$  W., 81 lks. dist., marked  
 $\frac{1}{4}$  S 21 B T.  
41.50 Draw, 50 ft. deep, course S. W.  
46.40 Globe - Payson stage road,  
bears N.  $30^\circ$  E., S  $30^\circ$  W.  
64.00 Spur, 200 ft. high, slopes N. E.  
71.50 Draw, 50 ft. deep, course E.  
80.00 Set a granite stone,  $18 \times 10 \times 8$  ins.,  
12 ins. in the ground, for the cor.  
of secs. 15, 16, 21, and 22, marked  
10 N. on N. E.; and  
10 E. on S. E. face,  
with 3 notches on S. and  
E. edges; from which  
A cedar, 16 ins. diam., bears  
S.  $57\frac{1}{2}^\circ$  W., 103 lks. dist., marked  
T. 10 N. R. 10 E. S 21 B T.  
a cedar, 18 ins. diam., bears  
N.  $72\frac{1}{2}^\circ$  W., 135 lks. dist., marked  
T. 10 N. R. 10 E. S 16 B T.  
No other trees being within  
limits, raised a mound of  
stone, 3 ft. base, 2 ft. high W.  
of cor. Pits impracticable.  
Land, mountainous.  
Soil, sandy, 3rd rate.  
Timber, cedar and juniper;  
undergrowth, oak and chaparral.  
Mountainous land or land  
covered with dense under-  
growth 80.00 chs. ✓

July 23, 1904.

## Subdivision of T. 10 N., R. 10 E.

For the mile  
in page 24  
of notes here attached

|       |                                                                                                                                                    |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|       | S. $89^{\circ} 56' E.$ , on a random line bet. secs. 15 and 22.                                                                                    |
| 40.00 | Set temp $\frac{1}{4}$ sec. cor.                                                                                                                   |
| 79.92 | The cor. of secs. 14, 15, 22, and 23; thence I run                                                                                                 |
|       | N. $89^{\circ} 56' W.$ , on a true line bet. secs. 15 and 22.                                                                                      |
|       | Over rolling land through scattering timber and dense undergrowth.                                                                                 |
| 7.00  | Spur, 50 ft. above sec. cor., slopes S. E.                                                                                                         |
| 20.00 | Draw, 75 ft. deep, course S. W.                                                                                                                    |
| 26.00 | Spur, 50 ft. high, slopes S. E.                                                                                                                    |
| 39.96 | Set a granite stone, $15 \times 10 \times 6$ ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which |
|       | An oak, 6 ins. diam., bears S. $72^{\circ} \frac{1}{2} E.$ , 104 lks. dist. marked $\frac{1}{4}$ S 22 B S.                                         |
|       | No other trees being within limits, raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable.                      |
| 42.20 | Dry bed of Gibson creek, 150 lks. wide, in ravine 100 ft. deep, course S. $70^{\circ} E.$                                                          |
| 43.00 | Wagon road, from Clay's ranch to Payson stage road bears S. $40^{\circ} E.$ , N. $40^{\circ} W.$                                                   |
| 47.50 | Spur, 75 ft. high, slopes S.                                                                                                                       |
| 59.00 | Draw, 50 ft. deep, course S. E.                                                                                                                    |
| 63.50 | Globe - Payson stage road, bears N. $30^{\circ} E.$ , S. $30^{\circ} W.$                                                                           |
| 79.92 | The cor. of secs. 15, 16, 21, and 22.                                                                                                              |
|       | Land, rolling.                                                                                                                                     |
|       | Soil, sandy, 3rd rate.                                                                                                                             |
|       | Timber, cedar, juniper, and oak; undergrowth, oak, chaparral.                                                                                      |
|       | Land covered with dense under-                                                                                                                     |

Subdivision of T. 10 N., R. 10 E.

growth, 79.92 chs.

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N. $0^{\circ} 2' W$, bet. secs. 15 and 16.

Decend over rolling land through scattering timber and dense undergrowth.

37.00 Dry bed of stream, 30 lks. wide, 20 in ravine 200 ft. deep, course N. $50^{\circ} E$.

40.00 Set a granite stone $15 \times 10 \times 8$ ins. 10 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. $19^{\circ} \frac{1}{2} E$, 30 lks. dist., marked $\frac{1}{4}$ S 15 B T.

A pine, 8 ins. diam., bears S. $10^{\circ} W$, 55 lks. dist., marked $\frac{1}{4}$ S 16 B T.

43.00 Spruce, 40 ft. high, slopes E.

56.30 Draw, 50 ft. deep, course S. E.; ascend.

57.00 Globe - Payson stage road, bears N. $30^{\circ} W$, S. $30^{\circ} E$.

80.00 Set a granite stone, $15 \times 10 \times 8$ ins. 10 ins. in the ground, for cor. of secs. 9, 10, 15, and 16., marked with 4 notches on the S. and 3 notches on the E. edges, from which

A cedar, 6 ins. diam., bears N. $25^{\circ} \frac{1}{4} E$, 102 lks. dist., marked T 10 N R 10 E S 10 B T.

A cedar, 8 ins. diam., bears S. $43^{\circ} E$, 54 lks. dist., marked T 10 N R 10 E S 15 B T.

A cedar, 8 ins. diam., bears S. $52^{\circ} W$, 71 lks. dist., marked T 10 N R 10 E S 16 B T.

A cedar, 7 ins. diam., bears N. $43^{\circ} \frac{1}{2} W$, 36 lks. dist., marked

Subdivision of T. 10 N., R. 10 E.

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

Land, rolling.

Soil, sandy; 3rd rate.

Timber, juniper, cedar, oak, and pine; undergrowth; oak and chaparral.

Land covered with dense undergrowth 80.00 chs.

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S.  $89^{\circ} 56'$  E., on a random line bet. secs. 10 and 15.40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.90 Intersect N. and S. line 8 lks. N. of cor. of secs. 10, 11, 14, and 15; thence I run

N.  $89^{\circ} 53'$  W., on a true line bet. secs. 10 and 15.

Ascend E. slope of spur through scattering timber and dense undergrowth.

14.50 Top of spur, 125 ft. above sec. cor., slopes S.; descend.

36.00 Dry bed of stream, 30 lks. wide, in ravine 250 ft. deep, course S.  $50^{\circ}$  W.; ascend.v 39.95 Set a granite stone,  $12 \times 10 \times 6$  ins., 8 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.  $20^{\circ}$  E., 132 lks. dist, marked  $\frac{1}{4}$  S. 10 B. T.A cedar, 8 ins. diam., bears S.  $2^{\circ}$  E., 132 lks. dist, marked  $\frac{1}{4}$  S. 10 B. T.

51.00 Spur, 50 ft. high, slopes S.; descend.

56.00 Draw, 50 ft. deep, course S. W.; ascend.

79.90 The cor. of secs. 9, 10, 15, and 16.

Land, mountainous.

Soil, sandy and gravelly; 3rd rate.

# Subdivision of T.10 N., R.10 E.

Timber, juniper and cedar; undergrowth, oak and chaparral. Mountainous or land covered with dense undergrowth 79.90 chs. July 26: At this cor. I set off 190 25' N. on the decl. arc; and at 12<sup>h</sup> 6<sup>m</sup> l. m. t., observe the sun on the meridian; the resulting lat. is 34° 13' N

~~~~~

N. 0° 2' W., bet. secs. 9 and 10.

Ascend over mountainous land through scattering timber and dense undergrowth.

30.50 Spur, 150 ft. high, slopes E.; descend.

39.60 Brush fence, bears E. and W.

40.00 Set a granite stone 14 x 8 x 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which

A cedar, 14 ins. diam., bears S. 73° E., 80 lks. dist., marked $\frac{1}{4}$ S 10 B D.

A cedar, 14 ins. diam., bears S. 40° W., 45 lks. dist., marked $\frac{1}{4}$ S 9 B D.

55.00 Foot of descent, 75 ft. below top of ridge; over level flat.

57.10 Wire fence, bears E. and W.; enter field.

71.00 Leave field, bears E. and W.

71.20 Dry bed of stream, 30 lks. wide, in banks 5 ft. high, course S. 60° W.; enter scattering timber, bears E. and W.

77.10 Brush fence, bears E. and W.; enter dense undergrowth, bears E. and W.

80.00 Set a granite stone 12 x 8 x 8 ins., 8 ins. in the ground. for cor.

To this half mile see page 7 Dup. notes have attached

Subdivision of T. 10 N., R. 10 E.

of secs. 3, 4, 9, and 10, marked with 5 notches on the S. and 3 notches on the E. edge; from which

An oak, 30 ins. diam., bears N. 65° E., 24 lks. dist., marked T. 10 N. R. 10 E. S. 3 B. T.

a juniper, 18 ins. diam., bears S. 18° E., 12 lks. dist., marked T. 10 N. R. 10 E. S. 10 B. T.

An oak, 7 ins. diam., bears S. 50° W., 88 lks. dist., marked T. 10 N. R. 10 E. S. 9 B. T.

an oak, 10 ins. diam., bears N. 35° W., 110 lks. dist., marked T. 10 N. R. 10 E. S. 4 B. T.

Land, level and mountainous. Soil, black loam and sandy; 1st and 3rd rate

Timber, juniper, cedar, and oak; undergrowth; oak, buck, and chaparral.

Mountainous land or land covered with dense undergrowth, 60.00 chs. ✓

S. $89^{\circ} 53'$ E., on a random line bet. secs. 3 and 10.

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

79.96 Intersect N. and S. line, 15 lks.

S. of cor. of secs. 2, 3, 10, and 11; thence I run

N. $89^{\circ} 59'$ W., on a true line bet. secs. 3 and 10.

Over-level land through scattering timber and dense undergrowth.

25.00 Draw, 60 ft. below sec. cor., course N.

For this half mile
see page 8
sub. note line
attached

Subdivision of T. 10 N., R. 10 E.

✓ 39.98	Set a granite stone, 18x10x6 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which An oak, 10 ins. diam., bears N. 41° W., 29 lks. dist., marked $\frac{1}{4}$ S 3° B P. An oak, 8 ins. diam., bears S. 17° E., 46 lks. dist., marked $\frac{1}{4}$ S 10° B P.
	Thence ascend over rolling land.
49.00	Spur, 100 ft. high, slopes N. W.; ascend.
51.82	Rail fence, bears N. E. and S. W.
65.00	Enter level land, 100 ft. below top of spur, bears N. and S.
68.50	Dry bed of stream, 40 lks. wide, in banks 5 ft. high, course S. W.
70.25	Dry bed of same stream, 50 lks. wide, in banks 5 ft. high, course N. W.
79.96	The cor. of secs. 3, 4, 9, and 10. Land, level and rolling. Soil, sandy; 3rd rate. Timber, oak, cedar, juniper, and pine; undergrowth, oak, buck, and chaparral. Land covered with dense undergrowth, 79.96 chs.
	July 26: At 4 ^h 7 ^m A. M., I set off 34° 14' N on the lat. arc; 19° 23' N. on the decl. arc; and determine a meridian with the solar, at the cor. of secs. 3, 4, 9, and 10. Thence I run N. 0° 2' W., on a random line bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

To this half mile
see page 9
Dep. note
attached.To this half mile
see page 9
Dep. note
attached.

Subdivision of T. 10 N., R. 10 E.

80.12 Intersect N. bdy. of Twp., 10 lks. E. of cor. of secs. 3, 4, 33, and 34.
Thence I run S. $0^{\circ} 5' E.$, on a true line bet. secs. 3 and 4.

Over rolling land through scattering timber and dense undergrowth.

✓ 40.12 Set a granite stone, $18 \times 8 \times 8$ ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked, $\frac{1}{4}$ on N. face; from which

A cedar, 24 ins. diam., bears N. $20^{\circ} E.$, 72 lks. dist., marked $\frac{1}{4} S \& B T.$

A juniper, 9 ins. diam., bears S. $20^{\circ} W.$, 56 lks. dist., marked $\frac{1}{4} S \& B T.$

42.70 Payson-Star Valley road, bears E. and W.

42.90 Fence, bears E. and W.

50.00 Enter field, bears E. and W.

65.00 Fence, bears S. $30^{\circ} E.$, N. $30^{\circ} W.$; leave field.

67.50 Ben Stewart's house bears E., 2 chs. dist.

68.75 Rail fence, bears S. $60^{\circ} W.$, N. $60^{\circ} E.$

80.12 The cor. of secs. 3, 4, 9, and 10. Land, level and rolling
Soil, sandy, 2nd and 3rd rate
Timber, juniper, cedar, and oak; undergrowth; buck, chaparral, and oak.
Land covered with dense undergrowth 50.00 chs. ✓

July 26, 1904

From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Twp.
I run

In this tall
this are page 9
sub into here
attached

Subdivision of T. 10 N., R. 10 E.

- N: $0^{\circ} 2' N$, bet. secs. 32 and 33.
Decend over mountainous land
through scattering timber and
undergrowth.
- 7.00 Draw, 75 ft. deep, course S. W. ascend.
31.50 Spur, 400 ft. high, slopes S. W.; decend.
40.00 Set a granite stone $15 \times 8 \times 8$ ins.,
10 ins. in the ground, for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on W. face. No
trees being within limits,
raised a mound of stone, 3 ft.
base, 2 ft. high W. of cor. Pits
impracticable.
- 42.50 Draw, 300 ft. deep, course W.
45.00 Spur, 100 ft. high, slopes S. W.
47.50 Draw, 50 ft. deep, course S. W.
64.00 Spur, 225 ft. high, slopes S. W.;
enter dense undergrowth, bears
E. and W.
- 80.00 Set a granite stone $18 \times 10 \times 8$ ins.,
12 ins. in the ground, for cor. of
secs. 28, 29, 32, and 33, marked
with 1 notch on the S. and 4
notches on the E. edge; from
which
a cedar, 18 ins. diam., bears
N. $22\frac{1}{2}^{\circ} W$, 18 lks. dist., marked
T. 10 N. R. 10 E. S. 29 B. T.
No other trees being within
limits, raised a mound of
stone 3 ft. base, 2 ft. high, W.
of cor. Pits impracticable.
Land, mountainous.
Soil, sandy and gravelly, 3rd
rate.
Timber, scattering juniper and
cedar; undergrowth, mesquite,
buck and oak.
Mountainous or land ~~or land~~
covered with dense under-
growth, 80.00 chs.

Subdivision of T. 10 N., R. 10 E.

July 27: at 8^h 10^m a.m., l.m.t.,
 I set off 34° 11' N on the lat. arc;
 19° 14¹¹/₄' N on the decl. arc; and
 determine a meridian with
 the solar, at the cor. of secs.
 28, 29, 32, and 33.

Thence I run
 ✓ E. on a random line bet.
 secs. 28 and 33.

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

80.20 Intersect the N. and S. line
 at the cor. of secs. 27, 28, 33,
 and 34; thence I run
 ✓ W. on a true line bet. secs.
 28 and 33.

Ascend over mountainous
 land.

15.00 Spur, 100 ft. high, slopes N. W.;
 57.00 descend.

34.00 Draw, 250 ft. deep, course N. W.;
 ascend.

✓ 40.00 Set a granite stone, 15 x 12 x 6 ins.,
 10 ins. in the ground, for $\frac{1}{4}$ sec
 cor., marked $\frac{1}{4}$ on N. face. No
 trees being within limits,
 raised a mound of stone
 2 $\frac{1}{2}$ ft. base, 2 ft. high N. of cor.
 Pits impracticable.

44.50 Spur, 125 ft. high, slopes S. W.; descend.

67.00 Draw, 200 ft. deep, course S. W.; ascend.

72.00 Spur, 50 ft. high, slopes S.; descend.

80.20 The cor. of secs. 28, 29, 32, and 33.

Land, mountainous.

Soil, sandy; 3rd rate.

No timber.

Mountainous land. 80.20' chs.

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N. 0° 2' W., bet. secs. 28 and 29.

Over mountainous land  
 through scattering undergrowth.

Subdivision of T. 10 N.; R. 10 E.

- 17.50 S. fur, 200 ft. high, slopes N.  
20.00 Draw, 30 ft. deep, course S. W.;  
enter scattering timber and  
dense undergrowth.  
33.00 Ridge, 125 ft. high, bears N. N.  
and S. E.  
40.00 Set a granite stone,  $12 \times 10 \times 8$  ins.,  
8 ins. in the ground, for  $\frac{1}{4}$  sec.  
cor., marked  $\frac{1}{4}$  on N. face; from  
which  
A cedar, 10 ins. diam., bears  
S.  $76^\circ$  E., 122 lks. dist., marked  
 $\frac{1}{4}$  S 28 B P.  
A cedar, 12 ins. diam., bears  
N.  $34^\circ$  W., 26 lks. dist., marked  
 $\frac{1}{4}$  S 29 B P.  
53.00 Dry bed of creek, 30 lks. wide,  
in ravine 175 ft. deep, course  
S.  $50^\circ$  W.  
54.25 Globe - Payson stage road,  
bears N.  $50^\circ$  E., S.  $50^\circ$  W.  
76.50 Ridge, 200 ft. high, bears E. and W.  
80.00 Set a granite stone  $20 \times 12 \times 10$  ins.,  
15 ins. in the ground, for the  
cor. of secs. 20, 21, 28, and 29,  
marked with 2 notches on the  
S. and 4 notches on the E. edge.  
No trees being within limits,  
raised a mound of stone,  
3 ft. base, 2 ft. high W. of cor.  
Pits impracticable.  
Land, mountainous.  
Soil, sandy and gravelly;  
3rd rate.  
Timber, scattering cedar and  
juniper; undergrowth, mesquite  
buck and chaparral.  
Mountainous or land covered  
with dense undergrowth 80.00 chs.  
July 27; at this cor. I set off  
 $19^\circ 11\frac{1}{2}'$  N. on the decl. arc; and  
at 12 h. 6 m., l. m. t., observe the

## Subdivision of T. 10 N., R. 10 E.

87

sun on the meridian, the  
resulting lat. is  $34^{\circ} 11' N$

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✓
E., on a random line bet. secs.
21 and 28.

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

✓ 80.74 Intersect N. and S. line, 7 lks. S.
of cor. of secs. 21, 22, 27 and 28;
thence I run
S. $89^{\circ} 57' W.$, on a true line bet.
secs. 21 and 28.

Over mountainous land through
scattering timber and dense
undergrowth.

5.00 Spur, 50 ft. high, slopes S.

✓ 40.07 Set a granite stone $12 \times 10 \times 6$ ins.,
8 ins. in the ground for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on N. face; from
which

A cedar, 24 ins. diam., bears
N. $18^{\circ} E.$, 153 lks. dist., marked
 $\frac{1}{4}$ S 21 B P.

A cedar, 8 ins. diam., bears
S. $80^{\circ} W.$, 94 lks. dist., marked
 $\frac{1}{4}$ S 28 B P.

46.00 Dry bed of stream, 40 lks. wide,
in ravine 150 ft. deep, course S.

46.30 Globe-Payson stage road, bears
N. and S.

51.50 Spur, 75 ft. high, slopes S.

56.00 Draw, 50 ft. deep, course S. E.

73.00 Spur, 200 ft. high, slopes S.

✓ 80.14 The cor. of secs. 20, 21, 28, and 29.

Land, mountainous.

Soil, sandy, 3rd rate.

Timber, cedar and juniper;
undergrowth, mesquite, chaparral,
and buck.

Mountainous or land covered with
dense undergrowth 80.14 che. ✓

Subdivision of T. 10 N., R. 10 E.

- N. $0^{\circ} 2' W.$, bet. secs. 20 and 21.
Over mountainous land
through scattering timber
and dense undergrowth.
- 11.00 Spur, 50 ft. high, slopes S. W.
14.00 Draw, 50 ft. deep, course S. W.
27.50 Ridge, 75 ft. high, bears E. and W.
40.00 Set a granite stone, $15 \times 8 \times 6$ ins.,
61 10 ins. in the ground, for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on W. face, from
which.
- A cedar, 18 ins. diam, bears
N. $12^{\circ} W.$ 241 lks. dist, marked
 $\frac{1}{4}$ S 20 B D.
- No other tree being within
limits, raised a mound of stone,
2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Pits impracticable.
- 48.00 Draw, 100 ft. deep, course S. W.
76.00 Spur, 200 ft. high, slopes W.
80.00 Set a granite stone, $15 \times 10 \times 8$ ins.,
10 ins. in the ground, for cor. of
secs. 16, 17, 20, and 21, marked with
3 notches on S. and 4 notches on
E. edge. No trees being within
limits, raised a mound of
stone, 3 ft. base, 2 ft. high W. of
cor. Pits impracticable.
Land, mountainous.
Soil, sandy and gravelly, 3rd
rate.
Timber, scattering juniper
and cedar; undergrowth,
chaparral and buck.
Mountainous or land covered
with dense undergrowth 80.00 chs.

~~~~~

# Subdivision of T. 10 N., R. 10 E.

BOOK 2031 43

89

3007

2031

N.  $89^{\circ}57'E$ , on a random line bet. secs. 16 and 21.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 79.94 I intersect N. and S. line, 14 lks. S. ~~E.~~ of cor. of secs. 15, 16, 21, and 22; thence I run S.  $89^{\circ}57'W$ , on a true line bet. secs. 16 and 21.

Descend over mountainous land through scattering timber and dense undergrowth

13.00 Draw, 125 ft. deep, course N.  $50^{\circ}E$ .  
 18.50 Spur, 100 ft. deep, slopes S. W.  
 38.50 Draw, 75 ft. deep, course S.  $30^{\circ}E$ .  
 39.97 Set a granite stone,  $15 \times 12 \times 10$  ins., 10 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face. No trees being within limits, raised a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

56.00 Divide, 400 ft. high, bears S.  $60^{\circ}E$ , N.  $60^{\circ}W$ .

69.00 Draw, 200 ft. deep, course S.  
 77.00 Spur, 150 ft. high, slopes S.  
 79.94 The cor. of secs. 16, 17, 20, and 21.

Land, mountainous.  
 Soil, sandy and gravelly, 3rd rate.

Timber, scattering cedar, and juniper; undergrowth, chaparral and buck.

Mountainous or land covered with dense undergrowth, 79.94 chs.

July 27, 1904.

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N. $0^{\circ}2'W$, bet. secs. 16 and 17.
 Over mountainous land through scattering timber and dense undergrowth.

5.00 Spur, 50 ft. high, slopes W.
 17.75 Draw, 100 ft. deep, course S. W.

Subdivision of T. 10 N., R. 10 E.

27.00 Spur, 75 ft. high, slopes S. W.
 40.00 Set a granite stone, $12 \times 10 \times 8$ ins.,
 8 ins. in the ground, for $\frac{1}{4}$ sec. cor.,
 marked $\frac{1}{4}$ on W. face. No trees
 being within limits, raised
 a mound of stone, 3 ft. base, 2 ft.
 high W. of cor. Pits impracticable.
 48.50 Draw, 200 ft. deep, course W.
 67.50 Divide, 350 ft. high, bears, N. 30° W.,
 S. 30° E.

80.00 Set a granite stone, $15 \times 10 \times 8$ ins.,
 10 ins. in the ground for the
 cor. of secs. 8, 9, 16, and 17, marked
 with 4 notches on the S. and E.
 edge; from which

A cedar, 20 ins. diam., bears
 N. 83° E., 83 lks. dist., marked
 T. 10 N. R. 10 E. S. 4 B. T.

a cedar, 16 ins. diam., bears
 S. $24\frac{1}{2}^\circ$ E., 110 lks. dist., marked
 T. 10 N. R. 10 E. S. 16 B. T.

A cedar, 24 ins. diam., bears
 S. 46° W., 74 lks. dist., marked
 T. 10 N. R. 10 E. S. 17 B. T.

A cedar, 16 ins. diam., bears
 N. 76° W., 77 lks. dist. marked
 T. 10 N. R. 10 E. S. 8 B. T.

Land, mountainous.

Soil, sandy; 3rd rate.

Timber, cedar and juniper;
 undergrowth chaparral and buck.

Mountainous or land covered
 with dense undergrowth,
 80.00 chs.

~~~~~  
 N.  $89^\circ 51'$  E., on a random line bet.  
 secs. 9 and 16.

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

80.20 Intersect N. and S. line, 7 lks.  
 S. of cor. of secs. 9, 10, 15, and 16;

# Subdivision of T. 10 N., R. 10 E.

47.

91

BOOK 2081

thence I run

S.  $89^{\circ} 48' W.$ , on a true line bet. sec. 9 and 16.

Descend over mountainous land through scattering timber and dense undergrowth.

22.00 Draw, 100 ft. below sec. cor., course S.

22.50 Globe - Payson stage road, bears N. and S.

37.50 S fur, 150 ft. high, slopes S.  $40^{\circ} W.$

40.10 The point for  $\frac{1}{4}$  sec. cor. falls on rock in place,  $10 \times 6 \times 2$  ft. above ground, on which

Cut a cross (X) at the cor. point, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. side of cross, from which

an oak, 8 ins. diam., bears N.  $23^{\circ} E.$ , 50 lks. dist., marked  $\frac{1}{4}$  S & B T.

An oak, 10 ins. diam., bears S.  $29^{\circ} \frac{1}{2} E.$ , 1112 lks. dist., marked  $\frac{1}{4}$  S 16 B O.

55.00 Draw, 100 ft. deep, course N.

80.20 The cor. of secs. 8, 9, 16, and 17. Land, mountainous.

Soil, sandy; 3rd rate.

Timber, cedar, oak, and juniper; undergrowth; oak, buck, and chaparral.

Mountainous or land covered with dense undergrowth, 80.20 chs.

~~~~~

N. $0^{\circ} 2' W.$ bet. secs. 8 and 9.

Descend over mountainous land through scattering timber and dense undergrowth.

25.50 Dry bed of stream, 40 lks. wide, in ravine 250 ft. deep, course N. $70^{\circ} W.$; ascend.

Subdivision of T. 10 N., R. 10 E.

- 26.10 Stock trails, bears N. 70° W., S. 70° E.
 29.00 Spur, 25 ft. high, slopes W.
 31.50 Dry bed of stream, ~~40~~ lks. wide, in ravine 25 ft. deep, course S. 40° W.
 32.50 Stock trail, bears S. 40° W., N. 40° E.
 44.00 Set a sandstone, 15 x 10 x 6 ins., 10 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. 6° E., 121 lks. dist., marked $\frac{1}{4}$ S 9° B T.
 A cedar, 10 ins. diam., bears S. 43 $\frac{1}{2}$ ° W., 120 lks. dist., marked $\frac{1}{4}$ S 8° B T.
 48.00 Ridge, 150 ft. high bears E. and W.
 67.90 Fence, bears N. 70° W., S. 70° E.; foot of ~~ridge~~ ^{ridge} below ridge, enter field.
 73.90 Division fence between fields, bears N. 70° W., S. 70° E.
 75.00 Dry bed of Payson creek, 40 lks wide, in banks 5 ft. high, course N. 60° W.
 78.95 Fence, bears N. 70° W., S. 70° E.; leave field and enter road; bears S. 70° E. to Payson, N. 70° W. to Camp Verde.
 80.00 Set a granite stone, 18 x 5 x 5 ins., 12 ins. in the ground, for cor. of secs 4, 5, 8, and 9, marked with 5 notches on the S., and 4 notches on the E. edge; from which
 A juniper, 24 ins. diam., bears N. 69° E., 34 lks. dist., marked T 10 N R 10 E S 4 B T.
 An oak, 14 ins. diam., bears S. 29 $\frac{1}{2}$ ° E., 375 lks. dist., marked T 10 N R 10 E S 9 B T.
 An oak, 12 ins. diam., bears

Subdivision of T. 10 N., R. 10 E.

49

93

BOOK 2081

S. 10° W., 34 lks. dist. marked
T. 10 N. R. 10 E. S. 8° B. T.

An oak, 10 ins. diam., bears
N. 16° W., 135 lks. dist., marked
T. 10 N. R. 10 E. S. 5° B. T.

Land, level and mountainous
Soil, black loam, and sandy;
2nd and 3rd rate.

Timber, cedar, oak, and juniper;
undergrowth; buck and oak.

Mountainous or land covered
with dense undergrowth
67.90 chs. ✓

July 28: at this cor. I set off
~~18.00~~ ~~57.2~~ N. on the decl. arc;
and at 12^h 6 m l. m. to observe
the sun on the meridian;
the resulting lat. is $34^{\circ} 14' N$

~~~~~

N.  $89^{\circ} 48'$  E., on a random  
line bet. secs. 4 and 9.

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

80.18 Intersect N. and S. line, 12  
lks. N. of cor. of secs. 3, 4,  
9, and 10; thence I run  
S.  $89^{\circ} 53'$  W., on a true line  
bet. secs. 4 and 9.

~~Over rolling land, through ~~rolling~~  
timber, and dense undergrowth.~~

8.30 Fence, bears N. and S.

14.00 Payson, Star Valley road,  
bears S.  $70^{\circ}$  W., N.  $70^{\circ}$  E.

14.10 Fence, bears S.  $70^{\circ}$  W., N.  $70^{\circ}$  E.

38.50 Wire fence, bears N.  $70^{\circ}$  W., S.  
 $70^{\circ}$  E.

40.09 Set a granite stone, 15 x 8 x 6 ins.,  
10 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face;  
from which

An oak, 7 ins. diam., bears

In this tall  
pole are  
exp. notes  
marked

## Subdivision of T. 10 N., R. 10 E.

|       |                                                                                                                                                                                                                                             |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | N. $7\frac{1}{2}^{\circ}$ W., 150 lks dist., marked $\frac{1}{4}$ S $4^{\circ}$ B T.                                                                                                                                                        |
|       | an oak, 9 ins. diam., bears S. $9\frac{1}{2}^{\circ}$ E., 28 lks. dist., marked $\frac{1}{4}$ S. 9 B T.                                                                                                                                     |
| 42.10 | Fence, bears N. and S.; leave scattering timber and dense undergrowth, bears N. and S.; over town lots of Payson.                                                                                                                           |
| 47.50 | Fence, bears N. and S.                                                                                                                                                                                                                      |
| 51.05 | Fence, bears N. and S.                                                                                                                                                                                                                      |
| 52.53 | Fence, bears N. and S.                                                                                                                                                                                                                      |
| 53.05 | Fence, bears N. and S.; enter street, bears N. and S.                                                                                                                                                                                       |
| 55.05 | Fence, bears N. and S.; leave street.                                                                                                                                                                                                       |
| 55.40 | Payson P. O., bears S., 4 chs. dist.                                                                                                                                                                                                        |
| 58.80 | Fence, bears N. and S.                                                                                                                                                                                                                      |
| 59.80 | Fence, bears N. and S.                                                                                                                                                                                                                      |
| 69.40 | Road, bears S. E. and N. W.                                                                                                                                                                                                                 |
| 70.32 | Fence, bears N. and S.; school-house, bears S., 80 lks. dist.                                                                                                                                                                               |
| 71.17 | Fence, bears N. and S.; enter scattering timber and dense undergrowth, bears N. and S.                                                                                                                                                      |
| 79.80 | Fence, bears N. $20^{\circ}$ W., S $20^{\circ}$ E.                                                                                                                                                                                          |
| 80.18 | The cor. of secs. 4, 5, 8, and 9. Land, rolling.<br>Soil, sandy; 2 <sup>nd</sup> and 3 <sup>rd</sup> rate<br>Timber, oak, cedar, and juniper;<br>undergrowth, oak, buck, and chaparral.<br>Land covered with dense undergrowth, 51.1 chs. ✓ |

July 28; At 3<sup>h</sup>-15<sup>m</sup> p. m., l. m. t.,  
I set off  $34^{\circ} 14'$  on the lat. arc;  
 ~~$18^{\circ} 56\frac{1}{2}'$~~  N. on the decl. arc; and  
determine a meridian at the  
cor. of secs. 4, 5, 8, and 9.

## Subdivision of T. 10 N., R. 10 E.

BOOK 2081

Y. of this half mile  
see page 11  
Exp. notes here  
attached

40.00

79.84

Thence I run

N.  $0^{\circ} 2' W.$ , on a random line  
bet. secs. 4 and 5.Set temp.  $\frac{1}{4}$  sec. cor.Intersect N. bdy. of Tp.  $\frac{3}{4}$  lks.  
W. of the cor. of Secs. 4, 5, 32, and 33;  
thence I runS.  $0^{\circ} 1' E.$ , on a true line bet.  
secs. 4 and 5.Decend over rolling land  
through scattering timber and  
dense undergrowth.

2.50

Dry bed of stream, 20 lks. wide,  
in banks 4 ft. high, course  
N.  $30^{\circ} W.$ 

14.50

Brush fence, bears E. and W.;  
enter field.

15.00

Robertson's farm house bears  
E., 4 chs. dist.

18.00

Dry bed of same stream as above,  
20 lks. wide, in banks 4 ft. high,  
course N.  $30^{\circ} E.$ 

36.80

Brush fence, bears N. W. and  
S. E.; leave field; enter scattering  
timber and dense under-  
growth, bears N. W. and S. E.

39.84

OK

Set a granite stone,  $12 \times 8 \times 6$  ins.,  
8 ins. in the ground, for  $\frac{1}{4}$  sec.  
cor., marked  $\frac{1}{4}$  on W. face;  
from whicha juniper, 18 ins. diam.,  
bears S.  $62^{\circ} E.$ , 92 lks. dist., marked  
 $\frac{1}{4}$  S 4 B T.an oak, 12 ins. diam., bears  
S.  $32^{\circ} W.$ , 107 lks. dist., marked  
 $\frac{1}{4}$  S 5 B T.

64.30

64.50

79.84

Road, bears N. W. and S. E.

Brush fence, bears N. W. and S. E.

The cor. of secs. 4, 5, 8, and 9.  
Land, rolling.

Soil, sandy, 3rd rate.

Timber, oak, cedar, and juniper.

## Subdivision of T. 10 N., R. 10 E.

undergrowth; oak and buck.  
Land covered with dense under-  
growth 57.54 chs.

July 28, 1904.

~~~~~

From the cor. of secs. 5, 6, 31, and
32, on the S. bay. of the Twp.,

I run

N. $0^{\circ} 3' W.$, bet. secs. 31 and 32.

Ascend over mountainous land
through scattering timber and
undergrowth.

26.00 Spur, 150 ft. high, slopes S. $60^{\circ} W.$; descend.

36.00 Draw, 100 ft. deep, course S. $60^{\circ} W.$; ascend.

40.00 Set a granite stone, $15 \times 10 \times 8$ ins.,
10 ins. in the ground, for $\frac{1}{4}$ sec.

cor., marked $\frac{1}{4}$ on W. face. No
trees being within limits,
raised a mound of stone, 3 ft.
base, 2 ft. high W. of cor. Pits
impracticable.

58.50 Spur, 200 ft. high, slopes S. W.; descend.

63.00 Draw, 175 ft. deep, course S. W.; ascend.

80.00 Set a granite stone, $15 \times 6 \times 6$ ins.,
10 ins. in the ground, for the cor. of
secs. 29, 30, 31, and 32, marked
with 1 notch on the S. and
5 notches on the E. edge, from
which

A cedar, 12 ins. diam., bears
S. $42^{\circ} W.$, 187 lks. dist., marked
T. 10 N. R. 10 E. S. 31 B. 1.

No other trees being within
limits, raised a mound of
stone, 3 ft. base, 2 ft. high, W.
of cor. Pits impracticable.

Land, mountainous

Soil, sandy and gravelly; 3rd rate.
Timber, scattering cedar, and
juniper; undergrowth, scattering
mesquite and buck.

mountainous land 80.00chs. ✓

~~~~~

E., on a random line bet. secs. 29 and 32.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.94 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 28, 29, 32, and 33; thence I run ✓ S.  $89^{\circ}55'$  W., on a true line bet. secs. 29 and 32.

Over mountainous land through scattering timber and dense undergrowth.

5.00 Spur, 50 ft. high, slopes N.  
10.25 Draw, 75 ft. deep, course S. W.  
22.50 Spur, 200 ft. high, slopes S. E.  
37.75 Draw, 100 ft. deep, course S. E.  
✓ 39.97 Set a granite stone,  $12 \times 10 \times 8$  ins, 8 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; from which

A cedar, 20 ins. diam., bears S.  $82^{\circ}$  W., 100 lks, dist., marked  $\frac{1}{4}$  S 32 B 9.

No other trees being within limits, raised a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high N. of cor. Pits impracticable.

45.00 Spur, 125 ft. high, slopes S. E.  
52.50 Globe-Payson Stage road, bears N. and S.

53.25 Draw, 150 ft. deep, course S.  
75.00 Spur, 300 ft. high, slopes S. E.; leave dense undergrowth, enter scattering undergrowth, bears S. E. and N. W.

✓ 79.94 The cor. of secs. 29, 30, 31, and 32. Land, mountainous. Soil, sandy and gravelly; 3rd rate

## Subdivision of T. 10 N., R. 10 E.

Timber, scattering cedar, and juniper; undergrowth, buck, chaparral, and mesquite.

Mountainous, or land covered with dense undergrowth  
79.94 chs. ✓

July 29: At 10<sup>h</sup> a. m., l. m. t., I set off 34° 11' N on the lat. arc; 18° 45' N. on the decl. arc; and determine a meridian at the cor. of secs. 29, 30, 31, and 32.

Thence I run

N. 0° 3' W., bet. secs. 29 and 30.

Over ~~mountainous~~ land through scattering undergrowth.

- 1.00 Ridge, 20 ft. above cor., bears S. W. and N. E.; enter dense undergrowth.
- 11.50 Draw, 150 ft. deep, bears S. W.
- 25.00 Spur, 200 ft. high, slopes S. 60° W.
- 30.00 Draw, 75 ft. deep, course S. W.
- 40.00 Set a sandstone, 15 x 8 x 4 ins., 10 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face. No trees being within limits, raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable.
- 44.00 Spur, 75 ft. high, slopes W.
- 66.75 Dry bed of stream, 50 lks. wide, in ravine 300 ft. deep, course N. 70° W.; enter scattering timber, bears E. and W.
- 78.75 Spur, 150 ft. high, slopes N. W.
- 80.00 Set a granite stone, 15 x 10 x 8 ins., 10 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, marked with 2 notches on the S. and 5 notches on the E. edge; from which

A cedar, 10 ins. diam., bears S. 24 $\frac{1}{2}$ ° E., 171 lks. dist., marked

T. 10 N. R. 10 E. S. 29 B. P.

A pine, 9 ins. diam., bears N. 55° W., 163 lks. dist., marked T. 10 N. R. 10 E. S. 19 B. P.

No other trees being within limits, raised a mound of stone 3 ft. base, 2 ft. high, N. of cor. Pits impracticable.

~~Land, mountainous.~~  
Soil, sandy, 3rd rate.  
Timber, ~~scattering~~ ~~cedar~~ ~~and~~ ~~juniper~~; ~~undergrowth~~, oak and buckhorn.

Mountainous or land covered with dense undergrowth. 80.00 chs. ✓

N. 89° 55' E., on a random line bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

Intersect N. and S. line, 20 lks. N. of cor. of secs. 20, 21, 28, and 29; thence I run

✓ N. 89° 56' W. on a true line bet. secs. 20 and 29.

Ascend over rolling land through scattering timber and dense undergrowth.

Spur, 75 ft. high, slopes S. 70° W.

Set a granite stone, 12 x 10 x 8 ins., 8 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face.

OK

No trees being within limits, raised a mound of stone 3 ft. base, 2 ft. high N. of cor. Pits impracticable.

42.50 Draw, 50 ft. deep, course N. 70° E.

55.00 Spur, 50 ft. high, slopes S. W.

✓ 80.44 The cor. of secs. 19, 20, 29, and 30. Land, rolling.

Soil, sandy; 3rd rate.

Timber, scattering cedar and juniper, undergrowth, oak, buck and chaparral.

Subdivision of T. 10 N., R. 10 E.

Land covered with dense undergrowth 80.22 chs.

~~~~~

N. 0° 3' W., bet. secs. 19 and 20.

Over mountainous land through scattering timber and dense undergrowth.

6.50 ~~Draw~~, 100 ft. deep, course S. W.

28.00 ~~Spur~~ 5 ft. high, slopes S. W.

32.00 Draw, 75 ft. deep, course S. W.

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

OK 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which

A cedar, 12 ins. diam., bears N. 63° E., 32 lks. dist., marked $\frac{1}{4}$ S 20 B P.

A cedar, 6 ins. diam., bears N. 54° $\frac{1}{2}$ W., 28 lks. dist., marked $\frac{1}{4}$ S 19 B P.

41.00 Spur, 100 ft. high, slopes S. W.

46.80 Draw, 75 ft. deep, course S. W.

52.50 Spur, 100 ft. high, slopes S. W.

57.50 Draw, 75 ft. deep, course S. W.

61.50 Spur, 150 ft. high, slopes S. W.

69.50 Draw, 100 ft. deep, course S. W.

80.00 Set a granite stone, 15 x 10 x 6 ins.,
OK 10 ins. in the ground, for cor. of secs.

17, 18, 19, and 20, marked with 3 notches on the S., and 5 notches on the E. edge; from which

A cedar, 8 ins. diam., bears S. 29° $\frac{1}{2}$ E., 74 lks. dist., marked T 10 N R 10 E S 20 B P.

No other trees being within limits, raised a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Pits impracticable.

Land, mountainous.

Soil, sandy and gravelly.
3rd rate.

Subdivision of T. 10 N., R. 10 E.

Timber, scattering cedar, and juniper, undergrowth, chaparral, oak, and buck.

Mountainous or land covered with dense undergrowth, 80.00 chs. ✓

~~~~~

✓ S. 89° 56' E. on a ~~random~~ line bet. secs. 17 and 20.

40.00

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

80.18

Intersect  $\frac{1}{4}$  N. and S. line, 8 lks.

N. of cor. of secs. 16, 17, 20, and 21; thence I run

✓ N. 89° 52' W., on a true line bet. secs. 17 and 20.

Decend over mountainous land through scattering timber and dense undergrowth.

30.00

Dry bed of stream, 40 lks. wide, in ravine 400 ft. deep, course S. W.; ascend.

✓ 40.09

Set a granite stone, 12 x 8 x 8 ins. 8 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, from which

a cedar, 16 ins. diam., bears S. 76°  $\frac{3}{4}$  W., 110 lks. dist., marked  $\frac{1}{4}$  S 20° B P.

No other trees being within limits, raised a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high N. of cor. Pite impracticable.

46.50

Spur, 100 ft. high, slopes S. W.; decend.

64.00

Draw, 200 ft. deep, course S. W.; ascend

73.50

Spur, 100 ft. high, slopes S. W.; decend.

✓ 80.18

The cor. of secs. 17, 18, 19, and 20. Land, mountainous.

Soil, sandy; 3rd rate.

## Subdivision of T. 10 N., R. 10 E.

Timber, scattering cedar and juniper; undergrowth, chaparral and buck.

Mountainous or land covered with dense undergrowth  
80.18 chs. ✓

July 29, 1904.

—————

N.  $0^{\circ} 3'$  W., bet. secs. 17 and 18.  
Ascend gradual S. slope, over mountainous land, through scattering timber and dense undergrowth.

17.00 Spur, 100 ft. high, slopes S.W.; descend.

20.00 Run road, bears E. and W.; old deserted stamp mill bears W., 10 chs. dist.

23.00 Leave scattering timber, bears N.E. and S.W.

30.00 Draw, 75 ft. deep, course S.W.; ascend.

40.00 Set a granite stone,  $15 \times 10 \times 10$  ins., 10 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face. No trees being within limits, raised a mound of stone, 3 ft. base, 2 ft. high W. of cor. Pits impracticable.

41.50 Spur, 50 ft. high, slopes S.W.; descend.

65.00 Draw, 75 ft. deep, course S.W.; ascend.

80.00 Set a granite stone  $12 \times 10 \times 8$  ins., 8 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, marked with 4 notches on the S., and 8 notches on the E. edge. No trees being within limits, raised a mound of stone, 3 ft. base, 2 ft. high W. of cor. Pits impracticable.

Land, mountainous.

Soil, sandy; 3rd rate.

Timber, scattering cedar and juniper.

Mountainous or land

## Subdivision of T. 10 N., R. 10 E.

covered with dense undergrowth, 80.00 chs. ✓

~~~~~

S. $89^{\circ}52'$ E., on a random line bet. secs. 8 and 17.

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

79.90 Intersect N. and S. lines, 18 lks S. of cor. of secs. 8, 9, 16, and 17; thence run

✓ N. on a true line bet. secs. 8 and 17.

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

7.00 Divide, 100 ft. above sec. cor., bears S. E. and N. W.; descend.

28.50 Draw, 175 ft. deep., course ~~N. W.~~ ^{S. W.}; ascend.

✓ 39.95 Set a granite stone, 15 x 12 x 8 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; no trees being within limits, raised a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

50.00 Spur 150 ft. high, slopes N.; descend.

79.90 The cor. of secs. 7, 8, 17, and 18.

Land, mountainous

Soil, sandy; 3rd rate.

Timber, scattering cedar, and juniper; undergrowth, chaparral and buck.

Mountainous or land covered with dense undergrowth,

79.90 chs. ✓

~~~~~

## Subdivision of T. 10 N., R. 10 E.

To this mile  
see page 12  
Dep. rate per  
attached

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|       | N. $0^{\circ}3'$ W., bet. secs. 7 and 8.<br>Over mountainous land through<br>scattering timber and dense<br>undergrowth.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| 2.50  | Draw, 50 ft. deep, course S. W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 18.00 | Spur, 75 ft. high, slopes S. W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 21.00 | Draw, 50 ft. deep, course S. W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 26.50 | Spur, 75 ft. high, slopes S. W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 36.50 | Draw, 50 ft. deep, course S. W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 40.00 | Set a granite stone, $15 \times 10 \times 8$ ins.,<br>10 ins. in the ground, for $\frac{1}{4}$ sec. cor.,<br>marked $\frac{1}{4}$ on N. face; from which<br>A cedar, 12 ins. diam., bears<br>N. $79^{\circ}\frac{1}{2}$ E., 210 lks. dist., marked<br>$\frac{1}{4}$ S 8 B P.<br>No other tree being within<br>limits, raised a mound of stone<br>2 ft. base $1\frac{1}{2}$ ft. high W. of cor.<br>Pits impracticable.                                                                                                                                                                                                                                     |  |
| 40.85 | Wagon road, bears S. W. and N. E.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 57.50 | Ravine, 100 ft. deep, course S. W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| 60.00 | Divide, 200 ft. high, bears E. & W.,<br>descend into Payson Valley.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| 80.00 | Set a granite stone $18 \times 10 \times 8$ ins.,<br>12 ins. in the ground, for cor.<br>of secs. 5, 6, 7, and 8, marked with<br>5 notches on the S. and E. edges;<br>from which<br>A cedar, 10 ins. diam., bears<br>S. $47^{\circ}\frac{1}{2}$ E., <sup>1915</sup> 229 lks. dist., marked<br>T. 10 N. R. 10 E. S 8 B P.<br>No other trees being within<br>limits, raised a mound of stone<br>3 ft. base, 2 ft. high, W. of cor.<br>Pits impracticable.<br>Land, mountainous.<br>Soil, sandy, 3rd rate.<br>Timber, scattering cedar and<br>juniper; undergrowth, chaparral<br>and oak.<br>Mountainous or land covered with<br>dense undergrowth 80.00 chs. |  |

## Subdivision of T. 10 N., R. 10 E.

July 30<sup>th</sup>. At this cor. I set off  
 $18^{\circ}29\frac{1}{2}'$  N. on the decl. arc;  
 and at 12<sup>h</sup> 6<sup>m</sup> l. m. t.,  
 observe the sun on the meridian;  
 the resulting lat. is  $34^{\circ}14'N$

~~~~~

E., on a random line bet. secs.
 5 and 8.

40.00

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

80.16

Intersect N. and S. line, 17 lks.

S. of cor. of secs. 4, 5, 8, and 9; Thence
 I run

S. $89^{\circ}53'W$, on a true line bet.
 secs. 5 and 8.

Over level land.

00.25

County road, bears S. $70^{\circ}E$. to
 Payson, N. $70^{\circ}W$. to Camp Verde.

3.00

Fence, bears N. $70^{\circ}W$, S. $70^{\circ}E$;
 enter Chilson's field.

7.00

House, bears N., 3 chs. dist.

9.00

Barn, bears N., 3.25 chs. dist.

13.62

Fence, bears N. and S.

14.00

Road, in lane, bears N. and S.

14.14

Wire fence, bears N. and S.;
 over level field.

40.08

Set a granite stone, $18 \times 10 \times 4$ ins.,
 $12\frac{1}{2}$ ins. in the ground, for $\frac{1}{4}$ sec.
 cor., marked $\frac{1}{4}$ on N. face. No
 trees being within limits, dug
 pits, $18 \times 18 \times 12$ ins., E. and W. of
 stone, 3 ft. dist.; and raise a
 mound of earth, $3\frac{1}{2}$ ft. base,
 $1\frac{1}{2}$ ft. high, N. of cor.

41.80

Wire fence, bears N. and S.;
 through field.

48.75

Dry bed of Payson creek, 50 lks.
 wide, in banks 5 ft. high,
 course N. $70^{\circ}W$.

58.37

Board fence, bears N. and S.;
 over field.

To the tall hill
 per page 14
 Def. into
 District

red tagged 132

Subdivision of T. 10 N., R. 10 E.

- 70.50 Fence, bears S. 60° E., N. 60° W.; leave field; leave Payson Valley and ascend along N. slope of hill.
- 70.74 Road, bears N. 60° W., S. 60° E.
- 80.16 The cor. of secs. 5, 6, 7, and 8. Land, level and rolling. Soil, black loam, sandy and gravelly, 1st. and 3rd Rate. No timber.
- ~~~~~
- July 30: At 3^h-20^m p. m., l. m. t. I set off $34^{\circ}14'$ on the lat. arc; $18^{\circ}28'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 7, and 8.
- Thence I run
- ✓ N. $0^{\circ}3'$ W. on a random line bet. secs. 5 and 6.
- 40.00 Set temp. sec. cor.
- ✓ 80.07 I intersect N. bdy. of Twp. 7 lks. E. of cor. of secs. 5, 6, 31, and 32; thence I run
- ✓ S. $0^{\circ}6'$ E., on a true line bet. secs. 5 and 6.
- Ascend over mountainous land through scattering timber and dense undergrowth.
- 6.00 Spur, 50 ft. high, slopes S. E., descend.
- 15.00 Enter draw, course S.
- 27.50 Leave draw, 125 ft. below top of spur, course, S. 30° E.; ascend.
- ✓ 40.07 Set a granite stone, $12 \times 10 \times 8$ ins., 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, from which a pine, 6 ins. diam., bears S. 66° E., 199 lks. dist, marked $\frac{1}{4}$ S & B N.

Subdivision of T. 10 N., R. 10 E.

In this hill
see page 15
entire notes
attached

	rk	A juniper, 12 ins. diam., bears N. 81° W., 109 lks. dist., marked $\frac{1}{4}$ S 6° B P.
45.00		Spir, 225 ft. high, slopes S. W.; descend.
66.00		Leave scattering timber and dense undergrowth, bears E. and W.
67.50		Foot of descent, 250 ft. below top of spir; over level land.
67.85		Wagon road, bears E. and W.
68.00		Fence, bears E. and W.; over level field.
73.00		Dry bed of Payson creek, 60 lks. wide, in banks 10 ft. high, course N. 70° W.
76.25		Fence, bears N. 60° W., S. 60° E.
76.50		Road, bears N. 60° W., S. 60° E.
78.00		Ascend N. slope of hill; leave Payson Valley.
80.07		The cor. of secs. 5, 6, 7, and 8.
		Land, level and mountainous. Soil, sandy and gravelly; 2nd and 3rd rate. Timber, scattering, oak, juniper and cedar, undergrowth, oak, chaparral and buck Mountainous or land covered with dense undergrowth 69.57 lks. ✓
	5	July 30, 1904. ~~~~~ From the cor. of secs. 29, 30, 31 and 32, I run N., on a random line bet. secs. 30 and 31. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 79.40 Intersect W. bdy of Twp. 7 lks. N. of cor. of secs. 25, 30, 31, and 36. Thence I run

Subdivision of T. 10 N., R. 10 E.

N. $89^{\circ} 57' E$, on a true line
bet. secs. 30 and 31.

Ascend along S. slope of
ridge over ravines and spurs.

14.00

Spur, 175 ft. high, slopes S.

18.25

Draw, 75 ft. deep, course S. $30^{\circ} W$.

24.00

Spur, 125 ft. high, slopes S. $30^{\circ} W$.

28.00

Draw, 75 ft. deep, course S. $30^{\circ} W$.

35.00

Spur, 200 ft. high, slopes S. $30^{\circ} W$.

✓ 39.40

Set a granite stone, $15 \times 10 \times 6$ ins.,
10 ins. in the ground, for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{4}$ on N. face. No trees
being within limits, raised
a mound of stone, 3 ft. base,
2 ft. high N. of cor. Pits
impracticable.

44.00

Draw, 100 ft. deep, course S. $30^{\circ} W$.

55.00

Spur, 125 ft. high, slopes S. $30^{\circ} W$.

58.25

Draw, 50 ft. deep, course S. $30^{\circ} W$.

69.00

Spur, 300 ft. high, slopes S. $30^{\circ} W$.

73.50

Draw, 50 ft. deep, course S. $30^{\circ} W$.

✓ 79.40

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

Soil, sandy and gravelly;
2nd rate.

No timber.

Mountainous land 79.40 chs.

Aug. 1: At 8^h 10^m a. m., l. m. t.,
I set off $34^{\circ} 16' N$ on the lat. arc;
 $18^{\circ} 2\frac{1}{2}' N$ on the decl. arc; and
determine a meridian with
the solar at the cor. of secs.
19, 20, 29, and 30.

Thence I run
S. $89^{\circ} 57' W$, on a random line
bet. secs. 19 and 30

40.00

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

✓ 79.48

Intersect N. bdy. of Tp. 17 lbs.
S. of the cor. of secs. 19, 24, 25, and
30, thence I run.

- S. $89^{\circ}56'E.$, on a true line bet. secs. 19 and 30.
- Over mountainous land through dense undergrowth.
- 3.00 Spur, 25 ft. above sec. cor., slopes S. $30^{\circ}E.$
- 7.10 Dry bed of stream, 50 lks. wide, in ravine, 40 ft. deep, course S. $60^{\circ}W.$
- 9.00 Spur, 20 ft. high, slopes N.
- 11.50 Dry bed of same stream, 50 lks. wide, in ravine 20 ft. deep, course N. W.
- 18.00 Spur, 70 ft. high, slopes S.
- 25.00 Dry bed of same creek, 50 lks. wide, in ravine 75 ft. deep, course S. $40^{\circ}W.$
- 37.00 Spur, 100 ft. high slopes N.
- 39.48 Set a granite stone, $18 \times 12 \times 12$ ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face. No trees, raised a mound of stone, 3 ft. base, 2 ft. high N. of cor. Pits impracticable.
- 44.25 Dry bed of same stream, 75 lks. wide, in ravine 75 ft. deep, course N. $60^{\circ}W.$
- 79.48 The cor. of secs. 19, 20, 29, and 30.
- Land, mountainous.
- Soil, sandy and gravelly; 3rd rate.
- No timber.
- Mountainous or land covered with dense undergrowth
- 79.48 chs. ✓

From the cor. of secs. 17, 18, 19, and 20, run N. $89^{\circ}56'W.$, on a random line bet.

Subdivision of T. 10 N., R. 10 E.

- secs. 18 and 19.
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- ✓ 79.30 I intersect W. bdy. of T. p., 5 lks N. of cor. of secs. 13, 18, 19, and 24; thence I run S. $89^{\circ} 58' E.$, on a true line bet. secs. 18 and 19.
- Over rolling hills, through scattering timber and dense undergrowth.
- 4.10 Ravine, 50 ft. deep, course S. $20^{\circ} W.$
- 18.00 Spur, 50 ft. high, slopes S. W.
- 18.00 Dry bed of stream, 25 lks. wide, in ravine 150 ft. deep, course S.
- 27.00 Ridge, 200 ft. high, bears N. and S.
- 39.00 Draw, 50 ft. deep, course S.
- ✓ 39.30 Set a granite stone, $18 \times 72 \times 6$ ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face. No trees being within limits, raised a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Pits impracticable.
- 55.40 Stock trail, bears N. W. and S. E.
- 56.00 Spur, 50 ft. high, slopes S. W.
- 58.00 Dry bed of stream, 25 lks. wide, in ravine 25 ft. deep, course S. W.
- 69.00 Spur 75 ft. high, slopes S. W.
- 75.00 Draw, 100 ft. deep, course S $20^{\circ} W.$
- ✓ 79.30 The cor. of secs. 17, 18, 19, and 20. Land, rolling. Soil, sandy; 3rd rate. Timber, cedar, oak, and juniper; undergrowth, oak and buck.
- Land covered with dense undergrowth 79.30 chs.
- August 1: At this cor. I set off $18^{\circ} N.$ on the decl. arc; and at 12^h 6^m l. m. t., observe the

Subdivision of T. 10 N., R. 10 E.

61
111

BOOK 2081

run on the meridian; the
resulting lat. is $34^{\circ} 13' N$

~~~~~

From the cor. of secs. 7, 8, 17, and 18,  
I run

N.  $89^{\circ} 58' W$ , on a random line  
bet. secs. 7 and 18.

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

79.18 Intersect N. bdy. of T. p. 12  
lks. S. of the cor. of secs. 7, 12,  
13, and 18; thence I run

S.  $89^{\circ} 53' E$ , on a true line bet.  
secs. 7 and 18.

Over mountainous land through  
dense undergrowth.

1.00 Spur, 20 ft. above cor. slopes S.W.

17.25 Draw, 75 ft. deep, course N.W.

30.00 Ridge, 100 ft. high, slopes N.W.

39.18 The point for  $\frac{1}{4}$  sec. cor. falls on  
a rock in place,  $4 \times 3 \times 2$  ft.  
above ground, on which

Cut a cross (x) at the cor.  
point for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on  
N. side of cross. No trees,  
raised a mound of stone, 2 ft.  
base  $1\frac{1}{2}$  ft. high N. of cor.  
Pits impracticable.

41.50 Draw, 200 ft. deep, course S.E.

57.50 Spur, 75 ft. high, slopes S.W.

66.50 Wagon road, bears S. to old mine,  
N. to Payson, Camp Verde road.

67.50 Dry bed of stream, 25 lks. wide,  
in ravine 150 ft. deep, course  
S.  $70^{\circ} W$ .

72.00 Stock trail, bears S.W. and N.E.

73.00 Spur, 100 ft. high, slopes S.W.

75.50 Draw, 50 ft. deep, course S.W.

79.18 The cor. of secs. 7, 8, 17, and 18.

Land, mountainous

Soil, sandy and gravelly;

## Subdivision of T. 10 N., R. 10 E.

3rd rate.

No timber.

Mountainous or land covered with dense undergrowth 79.18 chs. ✓

~~~~~

From the cor. of secs. 5, 6, 7, and 8, I run

N. $89^{\circ} 5' 3''$ W., on a random line bet. secs. 6 and 7.40.00 Set temp $\frac{1}{4}$ sec. cor.

✓ 79.25 Intersect N. bdy. of Twp., 9 lks. N. of cor. of secst. 1, 6, 7, 12; thence I run

S. $89^{\circ} 5' 7''$ E., on a true line bet. secs. 6 and 7.

Over level bottom of Payson valley, through scattering timber and undergrowth.

11.00 Big stock trail, bears N.W. and S.E.

14.00 Dry bed of stream, 30 lks. wide, in banks 4 ft. high, course N.W.

14.50 Leave Payson Valley, ascend N. slope of ridge through dense undergrowth, bears N. and S.

30.00 Ridge, 150 ft. high, bears N. and S.

✓ 39.25 Set a granite stone, $18 \times 10 \times 4$ ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face. No trees being within limits, raised a mound of stone 3 ft. base 2 ft. high N. of cor. Pits impracticable.

49.50 Farm house, bears N. 20 chs. dist.

50.35 Stock trail, bears N. and S.

50.50 Ravine, 750 ft. deep, course N.

62.00 Spur, 75 ft. high, slopes N.

67.50 Chilson's house bears N. 20 chs. dist.

79.25 The cor. of secs. 5, 6, 7, and 8.

Land, level and mountainous

To this half mile
see page 16
Exp. intro him
attached

Subdivision of T. 10 N., R. 10 E.

Soil, sandy, 3rd rate.

Timber, oak, cedar, walnut, and juniper; undergrowth, oak, buck, and chaparral.

Mountainous or land covered with dense undergrowth

64.75 chs.

August 1, 1904.

General Description.

The land in this township varies from gravelly to rich black loam. The soil in the valleys and along the creek bottoms is capable of producing abundant crops without irrigation. The remaining portions of the township are covered with an abundant growth of bunch-grass capable of supporting thousands of head of cattle.

Cedar, oak, black-walnut, juniper, pine, and several other kinds of timber are found on all parts of the township except the S. W. corner.

There are very few indications of ore in this township. In certain sections there has been some prospecting and a few tunnels have been run but no paying mines have been located.

During the greater portion of the year the land is

Subdivision of T. 10 N., R. 10 E.

well watered by streams, and in the dry season by springs.

The town of Payson is situated in the northern part of section 9. It contains, one church, one schoolhouse, one hotel, four stores and about 30 dwelling houses. Its estimated population is 160.

There are three settlers in sec. 5, and one each in secs. 3, 8, 9, 21, and 23.

Ivan E. Oakes

August 1, 1904

S. T.

Note -

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

Ivan E. Oakes

S. T.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

BOOK 2081

21
25

LIST OF NAMES.

A list of the names of the individuals employed by Wm. E. Cokes
 _____, 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
Subdivisions of T. 10 N. R. 10 E.
 showing the respective capacities in which they acted:

Ronald Stevenson _____, Chainman.

Virgil D. Earl _____, Chainman.

_____, Moundman.

_____, Moundman.

Arab C. Gilstrap _____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Wm. E. Cokes
 _____, United States Deputy Surveyor, in surveying all

those parts or portions of the Subdivisions of
T. 10 N. R. 10 E.

_____ of the 1/4

1/4 meridian, 1/4 of 1/4, 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
Ronald Stevenson _____, Chainman.

Virgil D. Earl _____, Chainman.

_____, Moundman.

_____, Moundman.

Arab C. Gilstrap _____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this 10th

day of August 1894



Wm. E. Cokes

U.S. Dept. Surveyor

72
#6
BOOK 2081

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Ivan E. Oakes, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Harry Frank Ingalls, United States Surveyor General for Arizona, bearing date of the 18th day of April, 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 the

Subdivisions T. 10 N., R. 10 E. of the Gila and Salt River meridian, in the District 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.

Ivan E. Oakes
United States Deputy Surveyor.

Subscribed by said Ivan E. Oakes, and sworn to before me }
this 31 day of August, 1894

Simon Bolton
County Clerk



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, AT February 20th 1905.

The foregoing field notes of the survey of the Subdivisions of T. 10 N., R. 10 E. of the Gila and Salt River Base and Meridians in the Territory of Arizona,

executed by Ivan E. Oakes, U.S. Deputy Surveyor under his Joint contract No. 116, dated April 18th, 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 Ingalls
United States Surveyor General.

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

United States Surveyor General.

Supplemental
FIELD NOTES
of Correction
OF THE SURVEY OF THE

BOOK 2081

Subdivisions
of
T10 N Q10 E.

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

AS SURVEYED BY

Charles L. Campbell, United States Deputy Surveyor,

Under ^{first} ~~his~~ Contract No. 116, dated April 18, 1904

Survey commenced April 18, 1907

Survey completed April 18, 1907

For NAMES AND DUTIES OF ASSISTANTS.

see Book "M" Subs. I 12 NR 108.

Supplemental notes.

118
74

BOOK 2081

INDEX DIAGRAM.

Township 10 North, Range 10 East

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

Meanders Page.....

For PRELIMINARY OATHS OF ASSISTANTS.
See Book "M" Subs. 71229108. Supplemental notes.

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.

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 _____ }



Correcting survey, commenced on April 18, 1907, and executed with a H. and T. C. Gurley improved solar compass, No. 210, with telescopic attachment, described history in correcting notes.

Knowing that my instrument is in correct adjustment, from recent tests on American that was determined by Polaris observations and described in Correcting Survey, 12th, D. 10 E. I commence at the original & sec. cor. on the line bet. secs. 11 and 12, marked, witnessed and described as in original field notes.

April 18: At 10⁴⁸00^m a.m. (m. t.) set off 04²14' N. on the lat. arc; 10²37' N. on the decl. arc; and determining a meridian with the solar;

Thence draw N. 0²01' E. bet. secs. 11 and 12.

Ascending through scattering timber and dense undergrowth.

14.00 Spue, 150 ft. above sec. cor., slopes D. E.

29.00 Draw, 50 ft. deep, corner E.

37.90 Spue, 150 ft. high, slopes S. E.

40.00 Set a sand stake, 18 x 6 ins., 12 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked with 5 notches on the V. and 1 notch on the E. edges; from which

A pine, 12 ins. dia., bears N. 59¹/₂° E. 81 lbs. dist., marked T. 10 N. D. 10 E. V. 1 D. T.

A pine, 16 ins. dia., bears S. 54¹/₂° E. 117 lbs. dist., marked

As my notes
begin 12.

74 190
BOOK 2881

Submeridians
Correcting Survey, T. 10 N., R. 10 E.

T. 10 N. R. 10 E. V. 1 & 2 D. 1
An oak, 7 ins. dia., bears T. 50° H. 144
lbs. dist., marked T. 10 N. R. 10 E. V.
11 & 12.

An oak, 6 ins. dia., bears N.
29° H. 184 lbs. dist., marked
T. 10 N. R. 10 E. V. 2 & 3 D. 1

This cor. stands, 90 ft. below the
top of spruce.

Land, mountainous.

Soil, sandy and gravelly, and
and red cat.

Timber, juniper, pine and oak;
undergrowth, chaparral, buck
brush, cactus and mesquite.

Mountainous or lands covered
with dense undergrowth,
40.00 rocks.

During the
July 13.

T. 89° 53' E. on a random line
bet. sec. 1 and 12.

40.00 bet. temp. 1 sec. cor.

19.20 Entered E. & S. of the T. 89° 53' E.
N. of the original cor. of sec. 1, 6, 7
and 12.

Thence, I run

N. 89° 41' H. bet. sec. 1 and 12.

Ascend over mountainous land
through scattering timber
and dense undergrowth.

3.50 Spruce, 50 ft. above cross slopes N.

75.00 Beaver, 100 ft. deep, course N. E.

22.00 Enter dense chaparral thickly,
bears N. and S.

32.50 Lean thickly bears N. and S.

36.00 Spruce, 100 ft. high, slopes N.

39.50 Set a gravity stone, 15 x 6 x 6 ins.,

18 ins. in the ground, for
1 sec. cor., marked $\frac{1}{4}$ on
the N face, from which
A pinon, 4 ins. dia., bears
N. 50° E., 29 lbs. dist.,
marked \perp V, 1, 2, 3.
A pinon, 4 ins. dia., bears
S. 10° E., 9 lbs. dist.,
marked $\frac{1}{4}$ V, 1, 2, 3.

48.00 Draw, 150 ft. deep, course S. 10° E.

55.00 Lpin, 280 ft. high, slopes S.

77.10 Draw, 100 ft. deep, course N. E.

Over rolling ground.

79.20 The cor. N. sec. 1, 2, 11 and 12.

Land, rolling and mountainous.

Soil, sandy and gravelly,
red and red clay.

Timber, scattering pinon, oak
and juniper; Rinderguth,
chaparral oak, grebs, mesquite
and cactus.

Mountainous or lands covered
with dense undergrowth,
79.20 chs.

N. 0° 51' E. bet. secs. 1 and 2 on
a random line.

1.00 1 lb. of the origi-
nal $\frac{1}{4}$ sec. cor.; marked with
nail and described as in
original field notes.

Thence S. 10° E.

Locity bet. secs. 1 and 2. Surrounding
over rolling land, through
scattering timber and
dense undergrowth.

14.50 Payson Star Valley wagon
Road, bears N. E. and S. E.

See my notes
Page 114

10.00 Draw, 50 ft. deep, course E
12.50 Locus, 50 ft. high, slopes E
20.00 Draw, 50 ft. deep, course S. E.
26.75 Locus, 150 ft. high, slopes S. E.
35.00 Draw course South; comes from
N.W. thence up draw
39.50 Heavy draw, course D. E.
40.00 The cor. of secs. 1, 2, 11 and 12.
Land, rolling
Soil, sandy, 2nd rate
Timber, scattering *pinon, oak*
and *juniper*; *ponderosa*,
sagebrush, *chaparral* and
sage.
Lands covered with dense
undergrowth; 40.00 chs.

From the original 1 sec. cor.
on the line bet. Secs. 10 and
11, marked, witnessed and
described as in original
field notes; I run
N. 02° 01' E. bet. Secs. 10 and 11.

Over rolling land, through
scattering timber, and

dense *ponderosa* and *juniper*.

136
40.00 A large *ponderosa* tree, 30 lbs. wide, course East, 10 ft. high.
A granite stone, 15 x 8 x 6 ins.,
10 ins. in the ground, for
cor. of Secs. 2, 3, 10 and 11,
marked with 5 notches on
the V. and 2 notches on the
E. edges; from which,

A *juniper*, 14 ins. dia.,
bears N. 53° E. 31 lbs. dist.
marked S 10 N Q 10 C
2 D 1.

A cedar, 8 ins. dia., bears
S 64° E, 121 lbs. dist.

marked 710 7 10 8 7

Q juniper, 20 ins. dia.
 bears 10th 205 lbs.
 dist. marked 10 N
 D10 C 10 D 10

An oak, 6 ins. dia. bears
N. 59° E. 4 $\frac{1}{2}$ lbs. dist.
marked 5 107 D, 16 E
S 34° D 9.

Land, rolling.
Soil, sandy, 1st and 2nd cat.
Timber, scattering pine,
oak and Juniper; under-
growth; oak grubs, laurel
chaparral and mesquite.
Lands covered with dense
undergrowth, 40.00 cks.

N. 89° 52' E. on a sanding
lying bet. secs. 2 and 11.

4.00 V_g temp. $\frac{1}{4}$ sec. cor.

79	56	Jael v. Etha N. of the cor.
80	57	Dues 1, 2, 11 and 12

Thence I run

N. 892 55th on a tray line
bet. rows 2 and 11.

Over rolling land, through
scattering timber and
dense wooded growth.

2250 Cypress, 100 ft. high, slopes of

32.00 100 ft deep, course V. E.

13200 *Prunella* br. 150 lbs. H. 1
 400 *Prunella* 10 ft. high, slopes & c.

The original $\frac{1}{4}$ sec. cor. as marked, witnessed and described in original field notes.

42.000 said, 5 ft. deep, com. N. & S.

55.30- Locus, 15 ft high, slopes NE

580
7/4

Correcting Survey, P. 10 N. D. 10 E.

Subdivided

BOOK 2081

Mar. 2081

Draw, 50 ft. deep, corner V. C.
1956 The cor. of secs. 2, 3, 10 and 11
Land, rolling.

Loaf, sandy loam and
gravelly, 1st and 2nd rate.
Timber; scattering pine,
juniper and oak; undergrowth,
oak, grubs, mugwort and
sage.

Fields covered with dense
undergrowth; 1956 chs.

See my notes
page 56

April 18: At the cor. of secs.
2, 3, 10 and 11, I set off box 2081
N. on the decl. arc; and
at 12:00^m P. M. (L.M.T.), observe
the sun on the meridian;
the resulting latitude is
N 40° 06' N, which agrees
with the proper latitude.
Thence I run,

N. 02° 01' E. on a random line
bet. secs. 2 and 3.

40.00 Let temp. 1/4 sec. cor.
1978 Intersect N. 40° 06' of the 1st
at the cor. of secs. 2, 3, 10 and
11, as described in correcting
field notes.
Thence I run

T. 02° 01' E. on a true line bet.
secs. 2 and 3. Running

over rolling land, through
scattering timber and
dense undergrowth.

10.00
1978 Let a granite stone, 18 x 10 x 6
ins, 12 ins in the ground,
for 1/4 sec. cor., marked 1/4
on the N. face. From which
a line, 12 ins. dia, bears

T. 60° H. 96 lbs. dist. marked
 $\frac{1}{4}$ V W D 3
 An oak, 14 ins. dia, bears
 T. 48° E. 120 lbs. dist.
 marked $\frac{1}{4}$ V 2 D 3.

6.2.40 Payson Star Valley wagon
 road, bears E. and S.

9.7.8 The cor. of secs 9, 10 and 11.
 Land, rolling
 soil, sandy and gravelly,
 2nd and 3rd rate
 timber, scattering pine, pine,
 oak and juniper, undergrowth,
 oak, grass, mesquite, brush,
 sage and chaparral.
 Lands covered with dense
 undergrowth, 18.7.8 chs.

See my notes
 page 136.

From the original 1 sec.
 cor. on the line bet. secs.
 9 and 10, as marked, returned
 and described in original
 field notes; I run
 N. 0° 02' H. bet. secs. 9 and 10.
 Over rolling land, through
 scattering timber and
 dense undergrowth.

17.10 This fence, bears E. and S. Over
 field, leaving timber and
 undergrowth.

8.2.00 Draw 50 ft. deep, cross T. H.;
 heavy timber and under
 scattering timber and
 dense undergrowth.

6.7.10 Brush fence, bears E. and S.
 4.0.00 Set a granite stone 15x10x8
 ins., 10 ins. in the ground.
 For cor. of secs. 9, 10, 11 and 12,
 marked with 5 notches on

BOOK 2081

th. T. and 3 notches on the
E. edges; from whichAn oak, 30 ins. dia., bears
N. 65° E. 40 cks. dist.
marked T 15N R 10E
T 3 D 9A juniper, 18 ins. dia.,
bears T. 18° E. 12 cks.
dist., marked T 15N
R 10E T 18 D 9An oak, 8 ins. dia., bears
T. 50° th. 88 cks. dist.
marked T 15N R 10E
T 9 D 9An oak, 10 ins. dia., bears
N. 25° th. 110 cks. dist.
marked T 15N R 10E
T 4 D 9

Land, rolling.

Lois, sandy, 2nd rat.

Timber, scattering, pine, fir,
juniper and oak. undergrowth,
oak, scrub, chaparral, mesquite
and sage.Lands covered with dense
undergrowth, 25.00 cks.On my note
page 37T. 892.50' E. on a random line
bet. sec. 9 and 10.

40.00 lat. temp. 1 sec. cor.

79.70 Intersect N and T. line, at the
cor. of sec. 2, 8, 10 and 11.

Thence I run,

N. 892.53' th. on a true line bet.
sec. 9 and 10.Over rolling land, through
scattering timber and
dense undergrowth.

25.00 saw, 50 ft. dist., corner N

- 09.85 Entered the original $\frac{1}{4}$ sec. cor., which is marked, witnessed and described as in original field notes. Around
- 49.00 Spruce, 100 ft. high, slopes N.H.
- 01.00 Day fence, bears N.E. and S.H.
- 69.00 Dry creek bed, 50 lbs. wide, is having 20 ft. deep, course S.H.
- 70.00 Same creek, in draw 20 ft. deep, now flows N.H.
- 79.20 The cor. of secs. 3, 4, 9 and 10. Land, rolling. Soil, sandy, 2nd cat. Timber; scattering pine, pine, oak and juniper; undergrowth, small timber, oak scrub and chaparral. Land covered with dense undergrowth, 79.20 chs.

Witnessing notes
 Page 38

N. 02 05' H. on a random line bet. secs. 3 and 4.

- 40.00 Left temp. $\frac{1}{4}$ sec. cor.
- 79.80 Entered the cor. of secs. 3, 4, 9 and 10 of the N. 02 05' H. of the T.E.; as described in my correction notes. Hence I suppose,

N. 02 05' H. on a true line bet. secs. 3 and 4.

Over rolling land, though scattering timber and dense undergrowth.

- 09.80 Entered the original $\frac{1}{4}$ sec. cor.; as marked, witnessed and described as in original field notes.

- 42.20 Payson Flat Valley, wagon road, bears E. and S.H.
- 42.80 Hence bears E. and S.H.

- 50.00 Enter field, across E. and H.,
and leave timber and
undergrowth.
- 65.00 Fenced across N.H. and V.E., leaving
field, and entering scattered
timber and dense undergrowth.
- 67.50 S. Stuart's house, across E., 2.00
chs; dist.
- 68.75 Rail fence across N.E. and V.H.
- 79.90 The cor. of secs. 3, 4, 9 and 10.
Land, rolling.
Soil, rich sandy loam; 1st
saty.
Timber, scattering pines, oak,
pinon and juniper;
undergrowth, small timber,
chaparral, sage and
sagebrush.
Lands covered with dense
undergrowth, 79.90 chs.

See original
page 64

From the original 1/4 sec. cor.
on the line bet. secs. 4 and 9,
which is marked, witnessed
and described as in original
field notes;

Run,
N. 89° 48' E. on a random line,
bet. secs. 4 and 9.

- 40.09 Intersect N. and V. line, 6 chs.
N. of the cor. of secs. 3, 4, 9 and 10.
Fenced across.

V. 89° 03' E. on a true line bet.
secs. 4 and 9.

Over rolling land, through
scattered timber and
dense undergrowth.

- 6.00 Hagan road, across N.E. and V.H.
- 8.00 Fence across N. and V.

14.00 Parson-Har Valley wagon
road, bears N.E. and V. th.
14.10 Fence bears N.E. and V. th.
20.30 Spruce, 50 ft. high, slopes V.
20.50 High fence, bears N. th. and V. C.
40.09 The original 1 sec. cor. as
marked, witnessed and
described in original
field notes.
Land, rolling.
Soil, sandy, 2nd rot.
Timber, scattering pine,
pinon, oak and
juniper, undergrowth,
Toak, scrub, chaparral and
sage.
Lands covered with dense
undergrowth, 40.09 chs.

See original
page 51

From the original 1 sec. cor.
on the line bet. Secs. 4 and
5, as marked, witnessed and
described in original Corrective
field notes;
Run
N. 0° 01' th. on a random line
bet. secs 4 and 5.
29.84 Entered N. 0° 01' th. of the 1/4
at the cor. of Secs. 4, 5, 32
and 33.
Thence Run,
S. 0° 01' E. on a true line bet.
secs. 4 and 5.
Over rolling land through
scattering timber and
dense undergrowth.
20.00 Dry bed of stream, 10 ft. wide,
in grass, 50 ft. deep, crosses
N. th.

BOOK 2081

- 14.50 Dewash fence, bears E. and S.,
inter field, leaving timber
and undergrowth.
- 15.00 Robertson farm house, bears
E. & Chs. dist.
- 18.00 Dry bed of stream, 15 lbs. wide,
pin drain, 15 ft. deep, course N.E.
- 26.50 Dewash fence, bears N.W., V.E. and
leave field and inter
scattering timber and
dense undergrowth.
- 39.84 The original 1/4 sec. cor.
Land, rolling
soil, sandy loam and
alluvial, 1st and 2nd cor.
timber, scattering pine, ~~pinus~~,
~~undergrowth~~ shrubs and Laurel,
lands covered with dense
undergrowth, 39.84 chs.

See original notes
page 60

From the original cor. of sec.
7, 8, 17 and 110, as marked,
witnessed and described
in original field notes.

From N.E. 1/4 sec. 7 and 8
crossed over mountainous
land, through dense
undergrowth, no timber.

- 2.50 Dead 50 ft. deep, course S.W.
- 18.00 Live, 25 ft. high, slopes
S.W. Inter only scattering timber.
- 21.00 Dead 50 ft. deep, course S.W.
- 26.50 Live, 25 ft. high, slopes
S.W.
- 36.50 Dead 50 ft. deep, course
S.W.
- 40.50 Set a sanity trap, 10x10x
8 ins, 10 ins. in the ground.

For 1 sec. cor., marked
 on the N. face; front
 which,

A cedar, 12 ins. dia.,
 bears N. 71° E., 250
 lbs. dist., marked
 1 V 5 D 9

No other tree suitable for
 marking in limits;
 raised a mound of
 stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.; pits impracticable.

40.88 Again road, bears N. E. and
 N. H.

51.50 Davy, 150 ft. deep, corner
 S. H.

60.00 Summit of divide, 300 ft. high,
 bears E. and the second N.
 slope, 120 ft. to,

75.00 More gradual descent

80.00 Set of granite stone, 18x10x6
 ins., 12 ins. in the ground
 for cor. of sec. 5, 6, 7 and 8,
 marked with 5 notches on
 the S. and E. edges; front
 which,

A cedar, 10 ins. dia., bears
 S. 43° E., 201 lbs. dist.,
 marked T 10 N. D. 10 E.
 1 V 5 D 9

No other trees in limits;
 raised a mound of stone,
 2 ft. base, 1 1/2 ft. high, N.
 of cor.; pits impracticable.
 Land, mountainous
 soil, sandy and stony, and
 and 4th cat.
 Timber, few scattering cedars
 and junipers; undergrowth,
 sage, mesquite, laurel and
 cactus.

BOOK 2081

Dry aug notes
page 61
40.00

Mountainous or lands covered with dense undergrowth, 80.00 chs.

From the cor. of sections 5-6-7 & 8 I run East on a random line bet. secs. 5 and 8. I go 8 chs. S. of the original 1/4 sec. cor., as marked, witnessed and described in original field notes, found true. T. 89° 50' th. on a true line bet. secs. 5 and 8. Over ~~low~~ bottomy lands, grassy field, no timber or undergrowth.

1.00 This fence, bears N. and V.
8.25 Dry bed of ^{Payson Creek} stream, 10 chs. wide, 10 ft. deep, course N. 80° th.

18.07 Board fence, bears N. and V. ^{through field}
30.34 Fence, bears N. 60° th. and V. 60° E. Leave field and ascend along gently N. E. slope, through dense undergrowth.

30.75 Road, bears N. 60° th.; V. 60° E.
40.00 The cor. of secs. 5, 6, 7 and 8, 50 ft. above bottomy land, level and rolling. Soil, rich loam, alluvial and sandy, 1st and 2nd cut. Timber; no timber; undergrowth, sap grubs, sage and chaparral. Lands covered with dense undergrowth; 9.66 chs.

Arriving Aug 68
BOOK 2081

N. 89° 53' E. on a random
line bet. secs 6 and 7.
I fall 5' chs. N. of original
s.e. cor.; as marked,
witnessed and described
in original field notes.

Thence Thence,
T. 89° 57' E. on a true line
bet. secs. 6 and 7.

Over mountainous. No logs
though scattering timber
and dense undergrowth.

9.50 Farm house bears N., 20.00 chs.
dist.

11.00 Stock trail bears N. and E.

22.00 Summit of N. spur of mountain,
200 ft. above cor., slopes N.

27.00 Gibson's house bears N., 20.00
chs. dist.

35.00 Leaf timber, bears N. 40°, E. 10°
and begins more gradual
descent of N.E. slope.

40.00 The cor. of secs. 5, 6, 7 and 8,
175 ft. below spur.

Land, mountainous.
Loose, stony, red and grey
timber, scattering, pine,
oak, juniper and cedar;
undergrowth, smoky timber,
oak brush, laurel and
chaparral.

Mountainous or lands covered
with dense undergrowth,
40.00 chs.

April 18, 1907.

Charles L. Campbell
U. S. Dep. of Surveyor.

89
105
BOOK 2081

For FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.
See Book "M" Sub. T12 N R10E Supplemental Notes

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. Nov. 1st, 1907

The foregoing field notes of the survey of corrections of the subdivi-
sional lines of T10 N R10 E, of the Gila and Salt
River Base and Meridian, in 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.

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.

For FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.
see Book "M" Subs. T 12 & R 10 E. Supplemental Notes

LIST OF NAMES.

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:

_____, Chainman.
 _____, Chainman.
 _____, Moundman.
 _____, Moundman.
 _____, Axman.
 _____, Axman.
 _____, Flagman.

For FINAL OATH OF ASSISTANTS
see Book "M" Subs. T 12 & R 10 E. 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 _____ }



BOOK 2081

FIELD NOTES

OF THE SURVEY OF THE

Corrective Survey of
 Subdivision of Township No.
 10 North, Range No. 10 East.

Of the *Gila and Salt River* Meridian,
 District of Arizona

AS SURVEYED BY

Charles L. Campbell, United States Deputy Surveyor,

Under ~~his~~ ^{joint} Contract No. *116*, dated *April 18th*, 1904

Survey commenced *May, ninth*, 1908

Survey completed *May, seventh*, 1908

NAMES AND DUTIES OF ASSISTANTS.

Harley Q. Stewart, chairman.

W. E. Campbell,

Robert A. Holder, Organ

BOOK 2081

INDEX DIAGRAM.

Township No. 18 N., Range No. 10 E.

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

Meanders Page.....

139 93
BOOK 2081

PRELIMINARY OATHS OF ASSISTANTS.

WE, Harley C. Stewart and Roy T. Campbell
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

Correcting Survey, T. 10 N., R. 10 E., T. 10 S.

Harley C. Stewart Chainman.

Roy T. Campbell Chainman.

Subscribed and sworn to before me this 21st
day of May, 1908.



Charles L. Campbell
C. L. Campbell 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 _____, 190_____



WE, Robert R. Holder
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

Correcting Survey, T. 10 N., R. 10 E., T. 10 S.

Robert R. Holder, Axman.

_____, Axman.

Subscribed and sworn to before me this 21st
day of May, 1908.



Charles L. Campbell
C. L. Campbell 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 _____, 190_____



Chs.

BOOK 2081

Corrective survey commenced on the 9th day of May, 1908 and executed with a H. & L. C. Surber improved solar compass, No. 210 with telescopic attachment. The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of Arc; the latitude and declination arcs read to thirty seconds.

The instrument was examined, tested on the true meridian of the U. S. Geological Survey at the Spokane County Courthouse, Spokane, Washington, on March 20th, 1908 and was found correct.

Examining the adjustments of the instrument and correct the level errors; then to test the solar apparatus by comparing its indications resulting from solar observations made during P. M. and A. M. hours with a meridian determined by Polaris observations. I proceed as follows:

At my camp at the Colford ranch, 160 chs. N. of the cor. of secs. 19 & 24, 20 and 30, on the E. Rdy. of the S. P., lat. $46^{\circ} 11' 15''$ N.; long. $111^{\circ} 17' 40''$ W.; I set off

BOOK 2081

Chs. $34^{\circ} 11' N.$ on the lat. arc; $17^{\circ} 27' N.$ on the decl. arc; and determine a meridian with the solar at this station and mark a point in the line thus determined by setting a stone firmly in the ground and cutting a groove at the exact point, 5 chs. N. of my station.

At $10^h 18^m$ P.M. by my watch which is correct with L.M.T., I observe Polaris in accordance with the Manual of Surveying Instructions and mark a point in the line thus determined by driving a tack in a stake firmly set in the ground, 5 chs. N. of my station.

Astron. time of obs. May 9 - $10^h 18.0$
 Hatch fact 0.0

Astron. L.M.T., obs. May 9 - $10 - 18.0$
 Add 22 56.1

Equiv. to time of May 8 - $34 - 14.1$

U.C. Polaris, May 1 - $22^h 43.1$

Red. to May 8 - 22.5

U.C. Polaris, May 8 - $22 - 17.6$ $22 - 17.6$ ✓

Hour angle and time argument - 11 - 56.5

Azimuth of Polaris at time of obs - $0^{\circ} - 00'$ ✓

May 9, 1908.

Chs. May 10: At 6^h 45^m a.m., l.m.t., I continued the establishment of the meridian by cutting a cross on the stone that was set firmly in the ground, 5 chs. N. of my station on the preceding evening, on the same line as determined by the Polaris observation, the star having no azimuth at time of observation. I find

that the meridian thus determined coincides with the meridian that was established by the solar.

At 5^h 06^m a.m., l.m.t., I set off 34° 11' N. on the lat. arc, 17° 38' N. on the decl. arc; and determine a meridian with the solar at this station and find that said meridian coincides with the meridian that was determined by the Polaris observations.

The solar apparatus by p.m. and a.m. observations defines positions for meridians that coincide with the meridian that was determined by the Polaris observations. Therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the meridian at 5^h 15^m a.m., l.m.t., is N. 13° 58' E., the angle thus determined gives the magnetic

Chs declination $13^{\circ} 58' E.$

In orig. notes
page 7.

I commence at the
original corner of secs.
24, 25 and 26.

Thence I run
N. $0^{\circ} 01' th.$ bet. secs. 20 and 24.
Ascend gradually through
scattering timber and dense
undergrowth and excep-
tionally difficult to
survey.

0.95 ~~ing~~ wagon road, bears N.E. and
0.4.

2.50 Brush fence bears N. $80^{\circ} th.$; V. $80^{\circ} E.$

23.00 This fence bears N. E. V. $th.$

26.00 This fence bears N. $th.$; V. $E.$

32.80 This fence bears N. E. and V. $th.$

40.00 Set a granite stone, $15 \times 8 \times 6$
ins., 10 ins. in the ground,
for \perp sec. cor., marked $\frac{1}{4}$
th⁴ of face; from which
A cedar, 24 ins. dia.,
bears V. $54^{\circ} E.$, 24 lbs.
dist., marked $\frac{1}{4}$ V. $th.$
Q. $\frac{1}{4}$.

A cottonwood, 12 ins.
dia., bears V. $45^{\circ} 48' th.$,
31 lbs. dist., marked
 $\frac{1}{4}$ V. $th.$ Q. $\frac{1}{4}$.

40.29 This fence, bears N. $th.$ and
V. $E.$

59.25 Spr. 200 ft. high, slopes
N. W. Descended

70.30 Saw, 50 ft. deep, cross V. $th.$.
Ascend 100 ft. to

70.00 The original cor. of secs. 13,
14, 25 and 24.

Land, rolling and moun-
tainous.

Chs. Soil, sandy and gravelly, BOOK 2081
1st and 2nd ed. etc.
Timber, oak, cedar, juniper
and juniper; undergrowth,
mosses, laurel, manzanita,
cat. claw and chaparral.
Mountainous or lands covered
with dense undergrowth
and exceptionally difficult
to survey, so. of chs.

See any note
for 18.

From the cor. of secs. 22, 23,
26 and 27, which is
the original corner,
I went East on a random
line bet. secs. 23 and 26.
40.00 Left temp. $\frac{1}{2}$ sec. cor.
80.00 Entered $\frac{1}{2}$ N. and $\frac{1}{2}$ line, 14
lbs. S. of the original
cor. of secs. 23, 24, 25 and
26.
I found a very
true $90^{\circ} 54'$ th. on a true
line bet. secs. 23 and 26.
Over rolling land, through
scattered timber and
undergrowth and excep-
tionally difficult to
survey.
6.00 Daring 25 ft. deep, course N. th.
Ascend.
12.00 Fence bears N. th. and S. E.
27.61 Clay house bears N. 20 th., 10 chs.
Dist.
31.56 Clay house bears N. 16 E., 10 chs.
Dist.
32.00 From road, bears N. and S.
40.00 Set a gravity stony, 18 x 10 x 6

Chs. ins. 10 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
the N. face. No trees in
limits, raised a mound of
stone, 2 ft. base $1\frac{1}{2}$ ft. high,
N. of cor., pits impracticable.
47.50 Top of, 500 ft. high slopes N. of.
63.00 Ravine, 500 ft. deep, course
N. E. descend.
70.00 Ridge spur, 500 ft. above
ravine slopes N. descend.
73.00 Ravine 250 ft. below spur,
course N. descend.
80.00 The original cor. of secs.
22, 23, 26 and 27, 60 ft.
above ravine.

Land, mountainous.
Soil, sandy and stony;
and and weed eat.
Timber, Pinon, oak, cedar,
and Juniper; undergrowth
small timber, laurel, sage,
mesquite, chaparral and
manzanita.
Mountainous & lands
covered with dense under-
growth and exceptionally
difficult to survey,
rocks.

Not on line at noon per-
vented taking the latitude.

May 10, 1908.

May 11: At 7th 10^m a.m.,
P. M. T. Set off
342' $11\frac{1}{2}$ ' N. on the lat. acc;

See orig. notes
page 30

Chs. 17° 54' N. on the lat. arc,
and determine a
meridian with the corner
of the cor. of secs 21, 22, 27
and 28, which is the
original cor.

Thence I run
East on a random line
bet. secs 22 and 27.
40.00 At temp. $\frac{1}{4}$ sec. cor.
79.60 Entered $\frac{1}{4}$ N. and V. line,
3 lbs. N. of the original
cor. of secs 22, 23, 26 and
27.

Thence I run
N. 89° 58' E. on a true line
bet. secs 22 and 27.
Ascend over mountainous
land, through scattering
timber and dense
undergrowth and excep-
tionally difficult to
survey.

15.00 Turn 300 ft. above cor.,
closer N. descend.
22.00 Descend 100 ft. deep, cross
N. E. descend.

29.80 Lift a sand stone, 18 x 12 x 4
ins., 10 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on the N. face; from
which

A cedar, 5 ins. dia., bears
N. 11° 02' E., 163 lbs.
dist., marked $\frac{1}{4}$
V 22 D 27.

A cedar, 6 ins. dia.,
bears V. 58° 02' E., 127
lbs. dist., marked
 $\frac{1}{4}$ V 27 D 27.

BOOK 2081

- Chs.
4403 An old Mining Prospect,
bars L., 25 fths. dist.
5373 Divide, 400 ft. above draw,
bars N. H. and V. C.
descend suggested S.H.
slope over draws and spurs.
7710 Barren, 550 ft. deep, across
S.H. Accord.
7960 The original cor. of secs.
21, 22, R. 11 and V. C.
Land, mountainous.
Soil, sandy and gravelly;
acid and red clay.
Timber, pinion, oak, cedar
or juniper; undergrowth,
small timber, mesquite,
laurel, choparoff, cof. claw,
sage and manzanita.
Mountainous islands
covered with dense under-
growth and exceptionally
difficult to survey.
7980 Chs.

See my notes
Page 23

- From the original cor. of
secs. 15, 16, R. 11 and V. C.
run
N. 89° 38' E. on a random
line bet. secs. 15 and 22.
400 ft. temp. 1 sec. cor.
7956 Intersect N. and V. line,
19 fths N. of the original
cor. of secs. 14, 15, 21, and
22.
Thence I run
N. 89° 50' E. on a true line
bet. secs. 15 and 22.

Chs. Ascend through scattering timber and dense undergrowth and exceptionally difficult to survey.

20.00 Spur, 75 ft. high, slopes S. Descend.

20.00 Draw, 100 ft. deep, course S. & E. Ascend.

26.00 Spur, 100 ft. high, slopes S. & E. Descend.

39.78 Set a granite stone, 24x12x8 ins., 18 ins. in the ground, for 1 sec. cor. marked $\frac{1}{4}$ of the N. face; from which

A cedar, 18 ins. dia., bears N. 80° 50' E., 170 lbs. dist. marked $\frac{1}{4}$ 15 B. T.

An oak, 8 ins. dia., bears S. 80° 30' E., 90 lbs. dist. marked $\frac{1}{4}$ 25 B. T.

40.45 dry bed of stream, in draw, 100 ft. below spur, comes from S. and flows S. 70° E. Thence up stream.

41.80 Payson-Rosevelt Hagon Road, bears N. and N. 60° E. S. 60° E.

41.90 Near dry bed of creek, comes from N. 60° E. and

* 47.50 ~~43.50~~ Payson-Rosevelt Hagon Road, bears N. 10° E. and S. 10° E., via Oxbow.

79.56 The original cor. of secs. 13, 16, 21 and 32, 50 ft. above dry bed of stream. Land, mountings.

* 59.00 Draw 50 ft. deep course S.

BOOK 2081

Chs. Soil, sandy and gravelly,
and and red batt.
Timber, pinion, cedar, oak
and juniper; undergrowth,
small timber, chaparral,
mexquit and manzanita.
Mountainous or lands
covered with dense under-
growth and exceptionally
difficult to survey,
Nos. 5 & 6 Chs.

Overcast at noon prevented
taking latitude.

May 11, 1908.

Charles L. Campbell
U. S. Dept. Surveyor.

LIST OF NAMES.

A list of the names of the individuals employed by Charles 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

Correcting Survey, Tubs, T. 10 N., R. 10 E.

showing the respective capacities in which they acted:

Harley O. Stewart....., Chainman.

Ray T. Campbell....., Chainman.

....., Moundman.

....., Moundman.

Robert R. Holder....., Axman.

....., Axman.

....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Charles L. Campbell

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

those parts or portions of the Correcting Survey of the

Subdivisions of Township T. 10 N.

North, Range R. 10 East

..... of the Gilg and

Salt River meridian, District 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

Harley O. Stewart....., Chainman.

Ray T. Campbell....., Chainman.

....., Moundman.

....., Moundman.

Robert R. Holder....., Axman.

....., Axman.

....., Flagman.

Subscribed and sworn to before me this 10th

day of May, 1908.



Charles L. Campbell
U. S. Deputy Surveyor

154
105
BOOK 2081

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Charles L. Campbell, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls, United States Surveyor General for Arizona, bearing date of the 10th day of April, 1904, 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 Corrective Survey, Subdivisions of Township No. 10 North, Range No. 10 East

of the Gila and Salt River meridian, in the District 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.

Charles L. Campbell
United States Deputy Surveyor.

Subscribed by said Charles L. Campbell and sworn to before me }
this 10th day of June, 1908



COUNTY CLERK AND CLERK OF THE
SUPERIOR COURT OF THE STATE OF
WASHINGTON, FOR SPOKANE COUNTY

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona Dec 11, 1908
The foregoing field notes of the survey of the Corrective Survey of Subdivisions of Township No. 10 North, Range No. 10 East, of the Gila and Salt River Meridian, Arizona
^{Supplemental}

executed by Charles L. Campbell U.S. Deputy Surveyor
under ^{joint} his contract No. 116, dated April 18th, 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.