

note.

2069

Supplemental Notes attached hereto

BOOK 2069

FIELD NOTES

2069

OF THE SURVEY OF THE

2069

Subdivision lines of Pp. & N. Ag. 10 Co.

2069

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

AS SURVEYED BY

John J. Fisher, United States Deputy Surveyor,

Under his Contract No. *120*, dated *June 17*, *1804*

Survey commenced *December 1, 1904*, *189*

Survey completed *December 19, 1904*, *189*

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BOOK 2069

NAMES AND DUTIES OF ASSISTANTS.

W. W. Oliver	Chairman
E. O. Hemenway	Chairman
A. A. Snyder	Assman
W. H. Port	Assman
Joseph Groves	Flagman

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BOOK 2069

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BOOK 2069

PRELIMINARY OATHS OF ASSISTANTS.

WE, W. W. Oliver and E. O. Hemenway

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

the Subdivision lines of Twp. 8 N. Rg. 10 E.

W. W. Oliver, Chainman.

E. O. Hemenway, Chainman.

Subscribed and sworn to before me this 1 day of December 1904, 189

J. J. Fisher
Notary Public



My commission expires
May 17, 1908

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, A. A. Snyder and W. H. Post

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

the Subdivision lines of Twp. 8 N. Rg. 10 E.

A. A. Snyder, Axman.

W. H. Post, Axman.

Subscribed and sworn to before me this 1 day of December 1904, 189

J. J. Fisher
Notary Public



My commission expires
May 17, 1908

I, Joseph Groves, 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

the Subdivision lines of Twp. 8 N. Rg. 10 E.

Joseph Groves, Flagman.

Subscribed and sworn to before me this 1 day of December 1904, 189

J. J. Fisher
Notary Public



My commission expires
May 17, 1908

Chains

Survey commenced December 1st, 1904, and executed with a W and L.E. Gurley Light Mountain Transit with solar attachment. Transit not numbered. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the lat. and decl. arcs. The instrument was examined, tested on the true meridian at Phoenix, found correct, and was approved by the Surveyor General for Arizona.

I examine the attachments of the transit and find them correct. Then, to test the solar apparatus by comparing its indications resulting from solar observations made during A.M. and P.M. hours, with the true meridian determined by observations on Polaris, I proceed as follows:

At the ^{w.c.} cor. of Secs. 35 and 36 on the S. bdy. of the Tp. lat. $33^{\circ} 59' 14''$ N. long. $111^{\circ} 15' 52''$ W. at 4 hrs. 0 min. P.M. l.m.t., I set off $35^{\circ} 59'$ N. on the lat. arc $21^{\circ} 48'$ S. on the decl. arc and determine a meridian with a solar and mark a point thereof, on a stone set firmly in the ground 5 chs. N. of the cor.

December 1, 1904.

December 2.

At 2 hrs. 35.17 min. A.M. l.m.t., by my watch which has correct l.m.t., I observe Polaris at western elongation in accordance with Manual of Instructions, and mark a point in the line thus determined, on a plug driven in the ground 5 chs. N. of my station.

At 7 hrs. 0' A.M. l.m.t., I lay off the azimuth of Polaris $1^{\circ} 27'$ to the E. and mark the meridian thus determined, by cutting a small groove in the stone set Dec. 1st, on which the true meridian coincides with the meridian established with the solar.

Subdivision of Tp. 8 N R 10 E.

Chains

At 8 hrs. 0' A.M. l.m.t. I set off 33° 59' N. on the lat. arc 21° 53-1/2' S. on the decl. arc and mark a point in the meridian determined with the solar, by a cross (+) on a stone already set 5 chs. N. of my station. This mark coincides with the meridian established by the Polaris observation. The solar apparatus by P.M. and A.M. observations, defines positions for meridian which coincides with the meridian established by the Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory. The mag. brg. of the true meridian at 8 hrs. 0 min. A.M. is N. 14° W. The angle thus determined gives the mean mag. decl. 14° E.

From the witness cor. of Secs. 1, 2, 35 and 36 on the S. bdy. of the Tp., I run N. 0° 1' W. along bed of Tonto Creek

1.00

I run E. 336 lks. to true line and set a Schist stone 24 x 8 x 5 ins. ^{18 in in the ground} for witness cor.

Secs. 1, 2, 35 and 36, marked W.C. on N.E. and 1 groove on E. and 5 grooves on W. face; from which

An oak 3 ins. diam. brs. N. 59-1/4° E. 96 lks. dist. marked W.C. T 8 N R 10 E S 36 B T .

A hackberry brs. S. 88° W. 134 lks dist. marked W.C. T 8 N R 10 E S 2 B T ., and raised a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor. Pits impracticable.

No other trees available.

Thence I run

N. 0° 1' W. bet. Secs. 35 and 36, over creek bottom.

2.85

Cross Tonto Creek, running stream 70 lks. wide, course S.W., and ascend.

30.00

Top of ridge, brs. E. and W. and descend.

39.00

Set a granite stone 20 x 14 x 8 ins. 15 ins. in

Chains

the ground for 1/4 sec. cor. marked 1/4 on W. face. And raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Thence the line runs N. along over the break of Tonto Creek Canyon, too rough to chain accurately. Therefore I offset 5 chs. west, thence N. ^{0° 1' W} 40 chs. thence E. 5 chs. to true point for cor. of Secs. 25, 26, 35 and 36, which falls in bed of Tonto Creek; running stream 30 lks. wide, course S. As creek runs due N. and S. here, it is impossible to set a witness point N. or S. of true point for cor.

I run

E. 50 lks. from true point for cor. and mark a cross (+) on a schist rock in place, 30 x 10 x 8 ft. above ground for witness cor. to cor. of Secs. 25, 26, 35 and 36, with 1 groove S. and 1 groove and W.C. E. of cross. , and raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Land, rough, broken mountains.

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80 chs.

East on a random line bet. Secs. 25 and 36, from true point for cor.

40.00 Set temp 1/4 sec. cor.

80.45 Intersect E. bdy. of Tp. 19 lks. N. of the cor. of Secs. 25, 30, 31 and 36.

Thence I run

N. ~~87~~° 52' W. on a true line bet. Secs. 25 and 36.

Over rough top of mountains.

9.30 Cross dry creek 35 lks. wide, course S.W., and ascend.

19.50 Top of rocky ridge, brs. N.E. and S.W. and over rolling tops of mountains.

28.50 Cross gully 10 lks. wide, course N.W.

38.25 Cross gully 15 lks. wide, course S.W. and ascend.

Chains

- 40.22^{1/2} Set a quartz stone 20 x 12 x 6 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face and raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.
- 50.50 Top of ridge brs. N.E. and S.W. and descend into Tonto ECreek Canyon
- 59.00 Cross gully 5 lks. wide, course S.W.
- 80.45 True point for cor. of Secs. 25, 26, 35 and 36.

December 2d.

At this cor. I set off 21° 58' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 0' N.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80.45 chs .

North 0° 1' W. bet. Secs. 25 and 26, from true point for cor.

The line N. crosses and re-crosses Tonto Creek Canyon, very rough, rocky and broken, and impossible to chain. Therefore I offset 5 chs. W. and run N. ^{0° 1' W} on offset line

- 40.00 I run E. 5 chs. to true point for 1/4 sec. cor. and set a schist stone 24 x 12 x 4 ins. 18 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face. And raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Thence from 1/4 sec. cor. N. 0° 1' W. over rough rolling E slope of canyon.

- 67.50 Cross wash 10 lks. wide, course E.
- 75.30 Cross wash 8 lks. wide, course E.
- 80.00 Set a sand stone 18 x 8 x 4 ins. 12 ins. in the ground for cor. of Secs. 23, 24, 25 and 26, marked with 2 notches on S. and 1 mark on E. edges. and raise

Subdivision of Tp. 8 N R 10 E.

Chains

a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor. Pits impracticable.

Land rough and mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80 chs.

South 89° 52' E. on a random line bet. Secs. 24 and

25

40.00 Set temp. 1/4 sec. cor.

80.48 Intersect E. bdy. of Tp. 23 lks N. of the cor. of Secs. 19, 24, 25 and 30.

Thence I run

N. 89° 42' W. on a true line bet. Secs. 24 and 25.

Over rolling mountains, descending.

1.33 Cross wash 10 lks. wide, course S.W.

20.00 Cross wash 20 lks. wide, course S.W.

39.85 Cross wash 15 lks. wide, course N.W.

40.24 Set a schist stone 18 x 12 x 8 ins. ^{set 1/4 ins in ground} for 1/4 sec cor. marked 1/4 on N. face, raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

55.00 Cross wash 15 lks. wide, course N.W.

67.00 Cross wash 20 lks. wide, course S.W.

73.00 Cross Tonto Creek, running stream 35 lks wide, course S. and ascend.

80.48 The cor. of Secs. 23, 24, 25 and 26.

Land, mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land 80.48 chs.

December 2, 1904.

Subdivision of Tp. 8 N R 10 E.

Chains

December 3d.

At 8 hrs. 0 min. AM. l.m.t. I set off $34^{\circ} 1' N.$ on the lat. arc $22^{\circ} 2-1/2'$ S. on the decl. arc, and determine a meridian with the solar at the cor of Secs. 23, 24, 25 and 26.

Thence I run

N $0^{\circ} 1' W.$ bet. Secs. 23 and 24, over rough mountains, ascending along S. slope.

40.00 Point for $1/4$ sec. cor. falls on steep, sliding south slope of mountain, where it is impossible to establish it in a permanent manner; therefore I continue my line, and at

50.49 Set a sand stone $20 \times 12 \times 8$ ins. 15 ins. in the ground for a witness cor. to $1/4$ sec. cor., marked W.C. $1/4$ on W. face, and raise a mound of stone 2 ft. base $1-1/2$ ft. high W. of cor. Pits impracticable.

Thence over top of mountains

67.17 Cross road brs. N.E. and S.W.

80.00 Descend over rolling mountains.

79.25 Cross wash 10 lks. wide, course N.E.

80.00 Set a sand stone $20 \times 12 \times 4$ ins. ^{Set 15 ins in ground} for cor. of Secs. 13, 14, 23 and 24, marked with 3 notches on S and 1 notch on E. edges; from which

A cedar 6 ins. diam. brs. N. $77-1/2^{\circ}$ E. 165 lks. dist. marked T. 8 N R 10 E S 13 B T .

A cedar 8 ins. diam. brs. S 52° E. 78 lks. dist marked T 8 N R 10 E S 24 B T .

A cedar 12 ins. diam. brs. N. $17-1/2^{\circ}$ W. 63 lks. dia. marked T 8 N R 10 E S 14 B T .

No other tree available.

Raised a mound of stone 2 ft. base $1-1/2$ ft. high W. of cor. Pits Impracticable.

Land mountainous;

Soil, rocky, 4th rate;

Subdivision of Tp 8 N R 10 E.

Chains

No timber;

Mountainous land, 80 chs.

NOTE: Clouds prevented an observation for lat.

South 89° 42' E. on a random line bet. Secs.

13 and 24.

40.00

Set temp. 1/4 sec. cor.

~~80.50~~

80.35

Intersect N. and S. line 7 lks. N. of the cor.

of Secs. 13, 18, 19 and 24.

Thence I run

N. 89° 39' W. on a true line bet. Secs. 13 and 24.

1.75

Enter wash, course S.W. 25 lks. wide, and along

same.

9.05

Leave wash, course S.W.

35.07

The S.E. cor. of J. Jones' house brs. N. 35° W.

35.75

Cross fence, brs. N. and S. and over bottom land through dense cottonwood timber and underbrush.

38.05

Cross fence, brs. N. and S.

38.65

Cross part of Tonto Creek, 40 lks. wide, running stream, course S.

~~40.25~~
40.17 1/2

Point for 1/4 falls on land subject to overflow, where it would not be permanent. So, at

~~41.35~~
41.20

Set a granite stone 18 x 10 x 6 ins. 12 ins. in the ground for witness 1/4 sec. cor. marked ^{W.C.} 1/4 on N. face; from which

A cottonwood 10 ins diam. brs. N. ^{51° 20'} 21-1/4° W. ⁴⁸ 130 lks. dist. marked W.C. 1-1/4 S 13 B T.

A cottonwood 8 ins. diam. brs. ^{14° 45'} S. 60-1/2° W. ¹²⁵ 60 lks. dist. marked W.C. 1/4 S. 24 B T.

S.W. cor. of J. Jones' house brs. N. 46-1/4° E.

53.00

Cross Tonto Creek 50 lks. wide, course S.

54.00

Ascend steep E. slope of mountain and leave timber.

68.35

Cross road brs. N.W. and S.E.

73.20

Cross wash 10 lks. wide, course N.

corrected from supplemental notes P. 1.

Subdivision of T p. 8 N R 10 E.

Chains

79.00

~~80.50~~~~80.55~~

Cross wash 20 lks. wide, course N.

The cor. of Secs. 13, 14, 23 and 24.

Land mountainous;

Soil, rocky, 4th rate;

Timber cottonwood;

Undergrowth, oak and arrow.

Mountainous or heavily timbered land, or land
covered with dense undergrowth, ^{80.50}~~80.55~~ chs.

December 3d, 1904.

December 4th.

At 8 hrs. 0 min. A.M. I.m.t. I set off $34^{\circ} 2' N$ ✓
on the lat. arc $22^{\circ} 10-1/2' S$. on the decl. arc
and determined 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.

Descending over rolling mountain.

23.10

Cross wash 15 lks wide, course E.

35.10

Cross Rye creek, running stream, 20 lks. wide,
course E., and ascend.

40.00

Set a sand stone $20 \times 10 \times 6$ ins. ✓ ^{Set 15 ins. in ground.} for $1/4$ sec.
cor. marked $1/4$ on W. face; from which

A mesquite 4 ins. diam. brs. $N. 77^{\circ} E$. 23 lks.
dist. marked $1/4 S 13 B T$.

A sycamore 8 ins. diam. brs. $S. 10-3/4^{\circ} W$. 21
lks. dist. marked $1/4 S 14 B T$.

80.00

Set a sand stone $18 \times 10 \times 6$ ins. ✓ 12 ins. in the
ground for cor. of Secs. 11, 12, 13 and 14. marked
with 4 notches on S. and 1 notch on E. edges.

Raised a mound of stone 2 ft. base, $1-1/2$ ft. high
W. of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

Timber, a few sycamores along Rye Creek;

Subdivision of Tp. 8 N R 10 E.

Chains

Undergrowth, mesquite;

Mountainous land or land covered with dense undergrowth, 80 chs.

December 4th.

At this cor. I set off ^{22° 15' S}~~22° 14' S~~ on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 3' N.

South 89° 39' E. on a random line bet. Secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect E. bdy. of Tp. 14 lks. S. of the cor. of Secs. 7, 12, 13 and 18.

Thence I run N. 89° 45' W. on a true line bet. Secs. 12 and 13.

Descending steep W. slope of mountain.

38.00 Over bottom land through dense underbrush and cottonwood timber.

40.10 Set a granite stone 18 x 14 x 4 ins. ^{Set 14 ins in ground.} for 1/4 sec. cor. marked 1/4 on N. face.

From which

A cottonwood 18 ins. diam. brs. N. 34-1/2° W. 58 lks. dist. marked 1/4 S 12 B T .

A cottonwood 8 ins. diam. brs. S. 9-1/2° W. 113 lks. dist. marked 1/4 S 13 B T .

46.30 Cross Tonto creek, running stream 25 lks wide, course S.

49.20 Cross road, brs. N. and S.

49.70 Cross irrigating ditch, 4 lks wide, course S.

50.50 Ascend E. slope of rolling mountain.

80.20 The cor. of Secs. 11, 12, 13 and 14.

Land, mountainous; and level.

Soil, rocky, 4th rate;

Timber, cottonwood and a few scattering cedars;

Undergrowth, oak;

Mountainous or heavily timbered land or land cov-

Subdivision of Tp.8 N R.10 E.

Chains ered with dense undergrowth 80.20 chs.

December 4th, 1904.

December 5th.

At 8 hrs. 0 min. A.M. 1.m.t. I set off 34° 3' N. on the lat. arc 22° 8-1/2' S. on the decl. arc and determine a meridian with the solar at the cor of Secs. 11, 12, 13 and 14.

Thence I run

N. 0° 1' W. bet. Secs. 11 and 12, over rolling mountains along E. slope through dense mesquite brush.

- 12.20 Cross wash 10 lks. wide course E.
- 12.90 Cross wash 10 lks. wide, course E.
- 20.75 Cross wash 20 lks. wide, course E.
- 28.50 Cross wash 5 lks. wide, course E.
- 30.40 Cross wash 20 lks. wide, course E.
- 34.75 Cross wash 10 lks. wide, course E.
- 40.00 Set a sand stone 18 x 10 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. Mark 1/4 on W. face. Raise a mound of stone 2 ft. base 1-1/2 ft. high W of cor. Pits impracticable.
- 50.90 Cross wash 20 lks. wide, course N.E.
- 57.00 Cross wash 10 lks wide, course E.
- 58.50 Cross wash 15 lks. wide, course E.
- 64.40 Cross wash 10 lks. wide, course E.
- 77.40 Cross wash 10 lks. wide, course E.
- 80.00 Set a sand stone 18 x 14 x 10 ins. 12 ins. in the ground for cor. of Secs. 1, 2, 11 and 12. Marked with 5 notches on S. and 1 notch on E. edges; from which
 - A cedar 6 ins. Diam. brs. S. 39° W. 255 lks dist. marked T 8 N R 10 E S 11 B T
 - A cedar 6 ins. diam. brs. N. 53-1/2° W. 181 lks. dist. marked T 8 N R 10 E S 2 B T, and raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

No other trees available.

22-19

Subdivision of T 8 N R 10 E.

Chains

Land mountainous;
Soil, rocky, 4th rate;
No timber;
Undergrowth, mesquite;
Mountainous land or land covered with dense undergrowth, 80 chs.

40.00 South 89° 45' E. on a random line bet. Secs. 1 and 12
Set temp. 1/4 sec. cor.

80.22 Intersect E. bdy. of Tp. 30 lks. S. of the cor. of
Secs. 1, 6, 7 and 12.

Thence I run
N. 89° 58' W. on a true line bet. Secs. 1 and 12.
Descend rough, rocky, W. slope of mountain.

40.11 Set a malpais stone 30 x 20 x 8 ins. 29 ins. in
the ground for 1/4 sec. cor. marked 1/4 on N. face,
and raised a mound of stone 2 ft. base 1-1/2 ft. high
N. of cor. Pits impracticable.

46.00 Over bottom land through dense, cottonwood, sycamore
and ash timber.

50.00 Cross road, brs. N. and S.

53.40 Cross Tonto Creek 70 lks. wide, running stream
course S.W.

61.50 Leave timber and ascend E. slope of mountain.

71.00 Cross wash 20 lks. wide, course S. E.

80.22 The cor. of Secs. 1, 2, 11 and 12.

Land mountainous and level
Soil, loamy and rocky, 2d and 4th rate;
Timber, sycamore, cottonwood and ash;
Mountainous or heavily timbered land, 80.22 chs.

NOTE: Clouds prevented an observation for lat.

North 0° 1' W. bet. Secs. 1 and 2. on a true line

7.50 Over rolling mountains along E. slope.
Cross wash 75 lks. wide, course E; and ascend.

21.00 Top of spur, brs. N.W. and S.E.

Subdivision of Tp 8 N R 10 E.

Chains

Descend along over rolling N.E. slope of mountain.

28.75 Cross wash 20 lks. wide, course E.

40.00 Set a sand stone 20 x 14 x 6 ins. 15 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face. And raised a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor. Pits impracticable.

43.00 Cross wash 10 lks. wide, course E.

50.00 Cross wash 10 lks. wide, course E.

56.85 Cross wash 10 lks. wide, course E.

63.10 Cross wash 20 lks. wide, course E.

79.51 Intersect 2d standard parallel N. 20.10 west of the standard cor. of Secs. 35 and 36, and set a quartzite stone 24 x 12 x 5 ins. 18 ins. in the ground for closing cor. of Secs. 1 and 2. marked with 5 grooves on W., 1 groove on E. and C.C. on S. faces, and raised a mound of stone 2 ft. base 1-1/2 ft. high S. of cor. Pits impracticable.

Land mountainous;
Soil, rocky, 4th rate;
No timber;
Mountainous land 79.51 chs.

December 5, 1904.

December 6.

At 8 hrs. 0 min. A.M. l.m.t., I set off 339 59' N. on the lat. arc 22° 26' S. on the decl. arc and determine a meridian with the solar at the center of Secs. 34 and 35 on the S. bdy. of the Tp.

Thence I run
N 0° 1' W. bet. Secs. 34 and 35.
Over rolling mountain. Descending.

31.25 Cross road Globe to Payson, hrs. N. W. and S.E.

31.75 Cross wash 30 lks. wide, course S.E. and ascend.

40.00 Set a sand stone 20 x 10 x 4 ins. 15 ins. in the ground for 1/4 Sec. cor., marked 1/4 on W. face.

Subdivision of Tp. 8 N R. 10 E.

Chains 81X	Raise a mound of stones 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.
80.00 MK	Set a sand stone 20 x 6 x 5 ins. 15 ins. in the ground for cor. of Secs. 26, 27, 34, and 35. marked with 1 notch on S. and 2 notches on E. edges; from which A palo verde 4 ins. diam. brs. S. 36° E. 77 lks. dist. marked T 8 N R 10 E S 35 B T . A mesquite 4 ins. diam. brs. S. 28-1/2° W. 129 lks. dist. marked T 8 N R 10 E S 34 B T . No other trees available. Raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable. Land mountainous; Soil, rocky, 4th rate; No timber; undergrowth, scattering mesquite. Mountainous land, 80 chs.
40.00	East on a random line bet. Secs. 26 and 35. Set temp. 1/4 sec. cor.
80.10	Intersect N. and S. line 5 lks. N. of the cor. of Secs. 25, 26, 35 and 36. Thence I run N. 89° 58' W. on a true line bet. Secs. 26 and 35. Over rolling, mountainous country.
11.50	Cross wash 30 lks wide, course S.E.
38.50	Cross wash 30 lks. wide, course S.E.
40.05	Set a sand stone 20 x 8 x 5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face. From which A cottonwood tree 24 ins. diam. brs. N. 69-1/4° E. 144 lks. dist. marked 1/4 S 26 B T . An ash 6 ins. diam. brs. S. 83-1/4° E. 108 lks. dist. marked 1/4 S 35 B T .
52.25	Cross gulch 20 lks wide, course N.
80.10	The cor. of Secs. 26, 27, 34 and 35. Land mountainous;

Subdivision of Tp. 8 N R 10 E.

Chains

Soil, rocky, 4th rate;

Timber, a few scattering cottonwoods and ash.

Mountainous land, 80.10 chs.

December 6.

At this cor. I set off $22^{\circ} 30'$ S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ} 0'$ N. |

North $0^{\circ} 1'$ W. bet. Secs. 26 and 27.

Over rolling mountainous land.

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

A mesquite, 4 ins. diam. brs. N. $33-1/2^{\circ}$ E. 126 lks. dist. marked $1/4$ S 26 B T .

A mesquite 4 ins. diam. brs. S. $16-1/2^{\circ}$ W. 93 lks dist. marked $1/4$ S 27 B T .

57.60 Cross wash 20 lks wide, course S.E.

80.00 Cor. of Secs. 22, 23, 26 and 27.

I set a porphyry stone 24 x 12 x 4 ins. 18 ins. in the ground for cor., marked with 2 notches on S. and E. edges. And raised a mound of stone 2 ft. base $1-1/2$ ft. high W. of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Undergrowth, scattering mesquite.

Mountainous land, 80 chs.

South $89^{\circ} 58'$ E. on a random line bet. Secs. 23 and 26.

40.00 Set temp. $1/4$ sec. cor.

80.00 Intersect N. and S. line 17 lks. N. of the cor. of Secs. 23, 24, 25 and 26.

Subdivision of Tp. 9 N R. 10 E.

Chains

Thence I run

N.89° 51' W. on a true line bet. Secs. 23 and 26.

Over rolling mountainous country, through scattering undergrowth.

40.00

Set a sand stone 20 x 12 x 4 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which

A cedar 12 ins. diam. brs. S. 40-3/4° E. 236 lks. dist. marked 1/4 S. 26 B T .

A cedar 6 ins. diam. brs. N.2-1/2° E. 241 lks. dist. marked 1/4 S 23 B T .

47.33

A point from which Hardt's ranch brs. S. 68-1/4° W. 54.65 chs .

80.00

The cor. of Secs. 22, 23, 26 and 27.

Land mountainous;

Soil, rocky, 4th rate;

Timber, a few cedars;

Undergrowth, scattering mesquite and oak;

Mountainous land, 80 chs.

December 6, 1904.

December 7th.

At 9 hrs. 0 min. A.M. l.m.t. I set off 34° 1' N on the lat. arc, 22° 35' S. on the decl. arc, and determine a meridian with the solar at the cor. of Secs. 22, 23, 26 and 27 ;

Thence I run

N.0° 1' W. bet Secs. 22 and 23.

Over rolling mountains, ascending.

4.65

Cross wash 10 lks. wide, course W.

10.35

Cross wash 5 lks. wide, course W.

16.85

Old road brs. E. and W.

25.15

Cross wash 5 lks wide, course W.

32.00

Cross wash 20 lks wide, course W.

40.00

Set a sand stone 18 x 8 x 6 is. 12 ins. in the

corrected from supplemental notes P. 1.

Chains	<p><i>of stones</i> ground for 1/4 sec. cor. ,marked 1/4 on W. face,</p>
	<p>and raise a mound of stones 2 ft. base 1-1/2 t. high W. of cor. Pits impracticable.</p>
50.85	Cross road brs. N.E. and S.W.
56.20	Cross wash 10 lks. wide, course S.W.
59.90	Cross wash 10 lks. wide, course S.W.
73.60	Cross wash 6 lks wide, course W.
80.00	Set a sand stone 24 x 18 x 4 ins. 18 ins. in the
	ground for cor. of Secs. 14,15, 22 and 23. Marked with 3 notches on S. and 2 notches on E. edges.
	Raised a mound of stone 2 ft. base, 1:1/2 ft. high W. of cor. Pits impracticable.
	Land mountainous;
	Soil, rocky, 4th rate;
	No timber;
	Mountainous land, 80 chs.

	South 89° 51' E. on a random line bet. Secs. 14 and 23.
40.00	Set temp. 1/4 sec. cor.
80.04	Intersect N. and S. line 12 lks. S. of the cor.
	of Secs. 13, 14, 23 and 24.
	Thence I run
	N. 89° 56' W. on a true line bet. Secs. 14 and 23.
	Over rolling, choppy mountain.
40.02	The point for 1/4 sec. cor. falls in wash where
	it could not be established in a permanent manner
	therefore at 42.14 set a quartzite stone 18 x 6 x 8
	ins. 12 ins. in the ground for witness 1/4 sec. cor.
	Marked W.C. 1/4 on W. face; from which
	A cedar 18 in s. diam brs. N. 45° E. 54 lks. dist.
	marked W C 1/4 S 14 B T .
	A cedar 6 ins. diam. brs. S. 84-1/4° E. 69 lks.
	dist. marked W.C. 1/4 S 23 B T .
50.00	Cross wash 10 lks. wide, course N.
71.00	Cross wash 10 lks. wide, course S.
77.30	Cross run ^{drain} 6 lks. wide, course S.
80.04	The cor. of Secs, 14,15, 22 and 23.

2,12 W

Subdivision of Tp. 8 N R 10 E.

Chs lns

Land mountainous;
Soil, rocky, 4th rate;
No timber;
Mountainous land, 80.04 chs.

December 7th.

At this cor. I set off 22° 37' S. on the ecl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 2' N.

North 0° 1' W. bet. Secs. 14 and 15.

Ascending over rolling mountain;

6.00 Top of mountain and over mountain top.

9.50 Descend N. slope of mountain.

40.00 Set a sand stone 20 x 12 x 6 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face.

Raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

41.30 Cross wash 30 lks. wide, course E. and ascend over rolling mountains.

80.00 Set a sand stone 24 x 14 x 6 ins. 18 ins. in the ground for cor. of Secs. 10, 11, 14 and 15, marked with 4 notches on S. and 2 notches on E. edges, and raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Land mountainous;
Soil, rocky, 4th rate;
No timber;
Mountainous land 80 chs.

South 89° 56' E. on a random line bet. Secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line 5 lks. N. of the cor. of Secs. 11, 12, 13 and 14.

Thence I run

N. 89° 54' W. on a true line bet. Secs. 11 and 14.

Ascending over rolling mountains.

18.50 Top of mountain hrs. N. and S. and descend.

- Chains Rolling west slope.
- 33.55 Cross wash 25 lks wide, course S.W.
- 40.01 Set a sand stone 18 x 8 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.
- 44.50 Cross wash 30 lks. wide, course S.
- 46.75 Over bottom land through heavy cottonwoods and dense arrow brush.
- 52.50 Cross wash 30 lks wide, course S.
- 60.00 Cross Rye Creek dry, course S. 75 lks wide.
- 69.55 Chimney on N. side of Bradys house brs. S. 40° W.
- 77.37 Chimney on N. side of Bradys house brs. S 50° E.
- 74.00 Leave bottom land and ascend.
- 80.02 The cor. of Secs. 10, 11, 14 and 15.

Land mountainous;

Soil, rocky and loamy; 2d and 4th rate;

Timber, cottonwood;

Undergrowth, arrow brush;

Mountainous or heavily timbered land or land covered with dense undergrowth, 80.02 chs.

December 7, 1904.

December 8th.

At 8 hrs. 0 min. A.M. 1.m.t., I set off 34° 3' N. on the lat. arc ^{22° 40' S} ~~22° 42' S~~ 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. 0° 1' W. bet. Secs. 10 and 11.

Over level land through dense brush, and scattering timber.

- 9.20 Cross wash 10 lks. wide, course N.E.
- 18.00 Cross Rye creek, dry, 60 lks. wide, course S.E.
- 32.00 An open shed brs. E. 200 lks. dist.
- 40.00 Set a sand stone 20 x 10 x 4 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face, and

Chains

raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

From the 1/4 sec. cor. a house abandoned brs. S. 44° E. 9.85 chs. dist.

46.35 Cross fence brs. S.E. and N.W.

48.00 Leave brush and ascend along rolling W. slope of mountain.

56.70 Cross wash 15 lks wide, course S.W.

67.00 Cross wash 100 lks. wide, course S.W.

77.70 Cross wash 10 lks. wide, course S.W.

80.00 *Set a Sand Stone 18x10x6", 12" in ground, marked 5 gr. on S. & 2 gr. on E. for Cor. Secs. 2, 3, 10 & 11. Raised a mound of stone 2 ft base 1 1/2 ft high W. of Cor. Land, level and mountainous; pits impracticable.*

Soil, sandy and rocky, 2d and 4th rate;

Undergrowth, oak and arrow brush ;

Timber, cottonwood;

Mountainous land, or land covered with dense undergrowth, 80 chs.

South 89° 54' E. on a random lin bet. Secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect N. and S. line 3 lks. N. of the cor. of Secs. 1, 2, 11 and 12.

Thence I run

N. 89° 53' W. on a true line bet. Secs. 2 and 11.

Ascending over rolling mountain.

12.80 Cross wash 10 lks wide, course S.E.

32.50 Cross wash 15 lks wide, course S.W.

34.50 Cross wash 20 lks. wide, course S.

40.05 Set a sand stone 20 x 8 x 4 ins. 15 ins in the ground for 1/4 sec. cor. ,marked 1/4 on N. face, and raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

46.35 Cross wash 20 lks. wide, course S.

58.50 Cross wash 10 lks. wide, course S.W.

67.40 Cross wash 15 lks wide, course S.W.

68.80 Cross wash 10 lks. wide, course S.W.

79.55 Cross wash 8 lks. wide, course S.W.

80.10 The cor. of Secs. 2, 3, 10 and 11.

Chains

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80.10 chs.

NOTE: Clouds prevented an observation for lat. at this cor.

North 0° 1' W. bet. Secs. 2 and 3.

Ascending over rolling mountain.

20.90 Cross wash 10 lks wide, course S.W.

27.75 Cross wash 10 lks. wide, course W.

31.50 Cross wash 10 lks. wide, course W.

40.00 Set a sand stone 20 x 12 x 4 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face, and raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

49.00 Cross wash 30 lks wide, course S.W.

79.25 Intersect second standard parallel N. 20.20 chs. W. of the cor. of Secs. 34 and 35, and

Set a sand stone 18 x 10 x 6 ins. 12 ins. in the ground for closing cor. of Secs. 2 and 3, marked C.C. on S. with 2 grooves on E. and 4 grooves on W. faces, and raised a mound of stone 2 ft. base 1-1/2 ft. high S. of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land 79.25 chs.

December 8th, 1904.

December 9th.

At 8 hrs. 0 min. A.M. l.m.t., I set off 33° 59' N. on the lat. arc 22° 45-1/2' S. on the decl. arc and determine a meridian with the solar at the cor. of Secs. 33 and 34 on the S. bdy. of the Tp.

Thence I run

N.0° 2' W. bet. Secs. 33 and 34.

Chains

Descending over rolling mountains.

20.50

Cross wash 40 lks. wide, course E. and ascend.

40.00

Set a porphyry stone 24 x 8 x 6 ins. 18 ins. in the ground, for 1/4 sec. cor. marked 1/4 on W. face. Raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

79.00

Thence over rough broken, mountainous country. *Cross wash, 40 lks wide. Course East.*

80.00

Set a slate stone 30 x 12 x 3 ins. 21 ins. in the ground for cor. of Secs. 27, 28, 33 and 34, marked with 1 notch on S. and 3 notches on E. edges., and raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Land mountainous;
Soil, rocky, 4th rate;
No timber;
Mountainous land, 80 chs.

East on a random line bet. Secs. 27 and 34.

40.00

Set temp. 1/4 sec. cor.

80.10

Intersect N. and S. line 14 lks. N. of the cor. of Secs. 26, 27, 34 and 35.

Thence I run

N. 89° 54' W. on a true line bet. Secs. 27 and 34.

Over rolling mountainous country

13.00

Cross road Globe to Payson, bce. N.W. and S.E.

40.05

Set a lime stone 26 x 10 x 8 ins. in a mound of stone for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

42.00

Cross wash 40 lks. wide, course S.E.

60.00

Cross same wash, course N.E.

80.10

The cor. of Secs. 27, 28, 33 and 34.

Land mountainous;
Soil, rocky, 4th rate;
No timber;
Mountainous land, ^{80.10} 80.00 chs.

NOTE: Clouds prevented an observation for lat.

Chains

North 0° 2' W. bet. Secs. 27 and 28.

Ascend steep S. slope of mountain.

10.00 Summit of mountain and descend.

39.30 Cross gulch 30 lks. wide, course N.E.

40.00 Set a granite stone 20 x 10 x 5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W.

From which

An ash 4 ins. diam. brs. S. 70-1/2° W. 92 lks. dist. marked 1/4 S 28 B T ., and raised a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor. Pits Impracticable.

No other tree available.

75.00 Cross wash 30 lks. wide, course S.E. and ascend.

80.00 Set a granite stone 24 x 6 x 6 ins. 18 ins. in the ground, for cor. of Secs. 21, 22, 27 and 28, marked with 2 notches on S. and 3 notches on E. edges; from which

A mesquite 4 ins. diam. brs. N. 33-1/4° E. 58 lks. dist. marked T. 8 N R 10 E S 22 B T .

A mesquite 4 ins. diam. brs. N. 34-1/2° W. 73 lks. dist. marked T 8 N R 10 E S 21 B T .

A mesquite 4 ins. diam. brs. S. 38° W. 79 lks. dist. marked T 8 N R 10 E S 28 B T .

A mesquite 4 ins. diam. brs. S. 25-1/2° E 70 lks. dist. , marked T 8 N R 10 E S 27 B T .

From the cor. A. DeSpain's ranch brs. S. 33-3/4 ° W.

Land mountainous;

Soil rocky, 4th rate;

No timber;

Mountainous land, 80% chs.

South 89° 54' E. on a random line bet. Secs. 22 and 27.

40.00 Set temp. 1/4 sec. cor.

79.86 Intersect N. and S. line 15 lks. S. of the cor. of Secs. 22, 23, 26 and 27.

Thence I run

Subdivision of Tp. 8 N. R 10 E.

Chains	W. on a true line bet. Secs. 22 and 27.
4.30	Cross wash 20 lks. wide, course S.
11.75	Cross wasgon road brs. N. E. and S.W.
12.80	Cross wash 15 lks. wide, course S.E.
39.93	Set a granite stone 18 x 10 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.
46.86	Hardt spring brs. S. 9-3/4° W.
60.75	Hardt spring brs. S. 15-1/2° E.
60.75	Al DeSpain's ranch brs. S. 50-3/4° W.
77.35	Cross wagon road Globe to Payson, brs. N. and S.
79.86	The cor. of Secs. 21, 22, 27 and 28.
	Land mountainous;
	Soil, rocky, 4th rate;
	No timber;
	Mountainous land, 79.86 chs.
	December 9, 1904.

	December 10th.
	At 8 hrs. 0 min. A.M. I set off 34° 1' N. on the lat. arc, 22° 51' S. on the decl. arc and determine a meridian with the solar at the cor. of Secs. 21, 22, 27 and 28.
	Thence I run
	N. 0° 2' W. bet. Secs. 21 and 22.
	Over rolling mountainous land, through oak and mesquite brush.
2.30	Cross wagon road Globe to Payson. Course N.W. & S.E.
40.00	Set a granite stone 24 x 8 x 6 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face. From which
	A cedar 10 ins. diam. brs. S. 81-3/4° W. 33 lks. dist. marked 1/4 S 21 B T.
	A cedar 5 ins. diam. brs. N. 39-3/4° E. 25 lks. dist. marked 1/4 S 22 B T.
71.00	Cross gulch 20 lks wide, course E.

Subdi vision of Tp.8 N R 10 E.

Chains

80.00

Set a granite stone 18 x 10 x 8 ins. 12 ins in the ground for cor. of Secs.15,16, 21 and 22,marked with 3 notches on S. and E. edges; from which

An oak 3 ins. diam. brs. N. 43° E. 83 lks dist marked T 8 N R 10 E S 15 B T .

A crucifixion 3 ins. diam. brs. S. 49° E. 66 lks. dist. marked T 8 N R 10 E S 22 B T .

A crucifixion 5 ins. diam. brs.S. 7° W. 50 lks. dist. marked T 8 N R 10 E S 21 B T .

A crucifixion 5 ins. diam. brs.N. 15° W. 146 lks. dist. marked T 8 N R 10 E S 16 B T .

Land mountainous;

Soil, rocky, 4th rate;

Undergrowth, oak and mesquite;

Timber, a few cedars;

Mountainous land, 80 chs.

East on a random line bet. Secs. 15 and 22.

40.00

Set temp. 1/4 sec. cor.

80.05

Intersect N. and S. line 19 lks. N. of the cor. of Secs.14,15,22 and 23.

Thence I run

N. 89° 52' W. on a true line bet. Secs. 15 and 22. Over rolling mountainous country.

24.00

Cross wash 15 lks. wide, course S.

32.25

Cross wash 10 lks. wide, course S.

37.00

Cross wash 20 lks wide, course S.

40.02 1/2

Set a granite stone 20 x 10 x 10 ins. 15 ins in the ground for 1/4 sec. cor. Marked 1/4 on N. face and raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

41.60

Cross wash 20 lks. wide, course S.E.

48.50

Cross wash 15 lks. wide, course S.E.

61.00

Cross wash 15 lks. wide, course S.E.

80.05

The cor. of Secs.15,16,21 and 22.

Land mountainous;

Subdivision of T_p 8 N R 10 E

Chains

Soil, rocky, 4th rate;
No timber;
Mountainous land, 80.05 chs.

December 10th.

At this cor. I set off 22° 55' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 2' N.

North 0° 2' W. bet. Secs. 15 and 16.

Ascending over rolling mountains through dense brush.

22.00 Top of ridge hrs. E. and W. and descend.

40.00 Set a granite stone 18 x 9 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which

A cedar 3 ins. diam. hrs. S. 74° E. 31 lks. dist. marked 1/4 S 15 B T .

A crucifixion 4 ins. diam. hrs. S. 42° W. 59 lks. dist. markd 1/4 S 16 B T .

58.20 Cross Dry creek 40 lks wide, course E. and ascend.

79.00 Top of ridges hrs. E. and W. and descend.

80.00 Set a granite stone 18 x 16 x 8 ins. 12 ins. in the ground for cor. of Secs. 9, 10, 15 and 16. Marked with 4 notches on S. and 3 notches on E. edges.

Raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

Undergrowth, cat claw and mesquite;

Mountainous land and land covered with dense undergrowth, 80 chs.

South 89° 52' E. on a random line bet. Secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect N. and S. line 14 lks. N. of the cor. of Secs. 10, 11 14 and 15.

Subdivision of Tp. 8 N R 10 E.

Chains	
	East on a random line bet. Secs. 28 and 33.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. and S. line 10 lks. N. of the cor. of Secs. 27, 28 33 and 34.
	Thence I run
	N. 89° 56' W. on a true line bet. Secs. 28 and 33.
3.00	Cross wash 40 lks wide, course S.E.
20.40	Cross wash 40 lks wide, course N.E., and ascend.
40.00	Set a slate stone 30 x 10 x 5 ins. ²³ 22 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which
	A cedar 6 ins. dia. brs. N. 7° E. 24 lks dist. marked 1/4 S 28 B T .
	No other tree available .
	Raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.
	Ascend.
80.00	The cor. of Secs. 28, 29, 32 and 33. Land mountainous; Soil, rocky, 4th rate; No timber; Mountainous land, 80 chs.
	December 12th.
	At this cor. I set off 23° 4-1/2' S. on the decl arc and observe the sun on the meridian at noon the resulting lat. is 34° 0' 14
	<hr/> North 0° 2' W. bet. Secs. 28 and 29. Over rough mountainous country.
4.00	Edge of canyon, and descend into canyon.
18.00	Wash in bottom of canyon 40 lks. wide, course E and ascend.
36.00	N. edge of can on and over rolling mountain top.
40.00	Set a porphyry stone 26 x 10 x 8 ins. 19 ins. In the ground for 1/4 sec. cor., marked 1/4 on W. face, and raise a mound of stone 2 ft. base 1-1/2 ft. high W. cor. Pits impracticable.

Subdivision of Tp.8 N R 10 E.

Chains

- 35.25 Old road brs.N.E. and S.W.
- 38.00 Old road brs.N.E. and S.W.
- 40.00 Set a granite stone 20 x 14 x 8 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face. Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3-1/2 ft. base 1-1/2 ft. high W. of cor.
- 40.30 Cross old road brs.N.E. and S.W.
- 51.00 Cross wash 60 lks wide, course N.E.
- 78.70 Intersect 2d standard parallel N. 19.98 chs.

W. of the cor. of Secs.32 and 33, and set a sand stone 18 x 12 x 8 ins. ^{13/4 ins in ground} for closing cor. of Secs.4 and 5. Marked C.C. on S. with 4 grooves on E. and 2 grooves on W. faces. Raise a mound of stone 2 ft. base 1-1/2 ft. high S. of cor. Pits impracticable.

Land mountainous;
 Soil, rocky, 3d rate;
 Timber, a few sycamores;
 Mountainous land, 78,70 chs.

December 14, 1904.

December 15.

At 8 hrs. 0 min. A.M. l.m.t., I set off 33° 59' N on the lat. arc 23° 12-1/2' S. on the decl. arc, and determine a meridian with the solar at the cor. of Secs. 31 and 32 on S. bdy. of the Tp.

Thence I run

N.0° 3' W. bet. Secs.31 and 32, over rough, broken mountainous country.

- 5.00 Cross wash 30 lks. wide, course N.E.
- 20.25 Cross wash 25 lks wide, course N.E.
- 31.00 Cross wash 30 lks. wide, course S.E.
- 40.00 Set a lava stone 24 x 8 x 8 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, and raise a mound of stone 2 ft. base 1-1/2 ft. high W of cor. Pits impracticable.

Subdivision of Tp.8 N R 10 E.

Chains

69.00

Cross wash 40 lks. wide, course N.E.

80.00

Set a lava stone 20 x 8 x 4 ins. 15 ins. in the ground for cor. of Secs. 29,30,31 and 32. Marked with 1 notch on S. and 5 notches on E. edges, and raise a mound of stone 2 ft. base 1-1/2 ft. high W of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80 chs.

East on a random line bet. Secs.29 and 32.

40.00

Set temp. 1/4 sec. cor.

80.20

Intersect N. and S. line 9 lks. N. of the cor. of Secs.28,29,32 and 33.

Thence I run

N.89° 56' W. on a true line bet. Secs.29 and 32.

Over rolling mountain.

25.00

Cross wash 25 lks wide, course N.W.

39.00

Cross wash 30 lks. wide, course N.W .

40.10

Set a granite stone 20 x 8 x 5 ins. 15 ins. In the ground, for 1/4 sec. cor. Marked 1/4 on N. face, and raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

61.80

Cross wash 50 lks.wide, course N.E.

73.00

Cross wash 30 lks wide, course S.E.

80.20

The cor. of Secs.29,30,31 and 32.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80.20 chs.

December 15

At this cor. I set off 23° 16' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 0' N.

Subdivision of Tp.8 N R 10 E.

Chains	West on a random line bet. Secs. 30 and 31.
40.00	Set temp. 1/4 sec. cor.
78.51	Intersect W. bdy. of Tp. 15 lks S. of the cor. of Secs. 25, 30, 31 and 36.
	Thence I run
	S. 89° 54' E. on a true line bet. Secs. 30 and 31.
20.50	Cross wash 20 lks. wide, course S.E.
32.10	Cross wash 25 lks wide, course S.E.
38.51	Set a granite stone 20 x 12 x 8 ins. 15 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone 2 ft. base, 1-1/2 ft. high N. of cor. Pits impracticable
41.00	Cross gulch 20 lks. wide, course S.E.
71.50	Cross gulch 15 lks. wide, course S.E.
78.51	The cor. of Secs. 29, 30, 31 and 32. Land mountainous 78.51 chs. Soil rocky 4th rate. No timber. Dec. 15, 1904.
Dec. 16th.	
	At 8 hrs. 0 min. A.M. 1.m.t. I set off 34° 0' N. on the lat. arc 23° 15' S. on the decl. arc, and determine a meridian with the solar at the cor. of Secs. 29, 30, 31 and 32.
	Thence I run
	N. 0° 3' W. bet. Secs. 29 and 30., over rolling mountains.
11.25	Gulch 15 lks. wide, course S.E.
33.40	Cross gulch 20 lks wide, course S.E.
40.00	Set a granite stone 20 x 10 x 6 ins. 15 ins. in the ground for 1/4 sec. cor, marked 1/4 on W. face. From which
	A cedar 4 ins. diam. brs. S. 78-1/2° E. 96 lks. dist. marked 1/4 S 29 B T .
	A cedar 4 ins. diam. brs. S. 63° W. 48 lks dist marked 1/4 S 30 B T .
53.00	Cross gulch 20 lks wide, course N.E.
70.75	Cross gulch 25 lks wide, course N.E.
80.00	Set a granite stone 24 x 8 x 6 ins. 18 ins. in

Subdivision of Tp.8 N R 10 E.

Chains

ground for cor. of Secs.19,20,29 and 30,marked with 2 notches on S. and 5 notches on E. edges; raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Land mountainous;

Soil rocky, 4th rate;

Timber, a few cedars;

Mountainous land, 80 chs.

South 89° 56' E. on a random line bet. Secs.20 and 29.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect N. and S. line; 9 lks. S. of the cor. of Secs.20,21,28 and 29.

Thence I run

W. on a true line bet. Secs. 20 and 29.

Over rolling mountain.

4.00 Cross gulch 20 lks wide, course N.

15.50 Cross gulch 30 lks wide, course N.E.

25.50 Cross gulch 25 lks wide, course N.E.

40.05 Set a granite stone 20 x 8 x 6 ins. 15 ins. in the ground for 1/4 sec. cor.,marked 1/4 on N. face, and raised a mound of stone 2 ft. base 1-1/2 ft.high N. of cor. Pits impracticable.

49.75 Cross gulch 30 lks wide, course N.E.

80.10 The cor. of Secs.19,20,29 and 30.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80.10 chs.

Dec.16.

At this cor. I set off 23° 18-1/2' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 1' N.

Subdivision of Tp. 8 N. R. 10 E.

Chains

North $89^{\circ} 59'$ W. on a random line bet. Secs. 19 and 30.

40.00 Set temp. $1/4$ sec. cor.

78.59 Intersect W. bdy. of Tp. 15 lks. N. of the cor. of Secs. 19 and 30.

Thence I run

E. on a true line bet. Secs. 19 and 30.

Descending steep, rough E. slope of mountain.

38.59 Set a porphyry stone $20 \times 12 \times 10$ ins. 15 ins. in the ground for $1/4$ sec. cor. marked $1/4$ on N. face, and raised a mound of stone 2 ft. base $1-1/2$ ft. high N. of cor. Pits impracticable.

78.59 The cor. of Secs. 19, 20, 29 and 30.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 78.59 chs.

Dec. 16, 1904.

December 17th.

At 8 hrs. 0 min A.M. l.m.t. I set off $34^{\circ} 1'$ N. on the lat. arc, $23^{\circ} 18'$ S. on the decl. arc, and determine a meridian with the solar at the cor. of Secs. 19, 20, 29 and 30.

Thence I run

N. $0^{\circ} 3'$ W. bet. Secs. 19 and 20.

Descending over rough mountains through scattering timber.

5.00 Cross gully 10 lks wide, course N.E.

22.60 Cross gully 10 lks. wide, course N.E.

31.30 Cross gully 15 lks. wide, course N.E.

40.00 Set a granite stone $26 \times 10 \times 4$ ins. 19 ins. in the ground for $1/4$ sec cor. marked $1/4$ on W. face; from which

A mesquite 3 ins. diam. brs. N. $17-1/2^{\circ}$ E. 120 lks.

Subdivision of Tp.8 N R 10 E.

Chains	dist. marked 1/4 S 20 B T . A wild cherry 4 ins. diam. brs. S.38° W. 65 lks. dist. marked 1/4 S 19 B T .
40.40	Cross gully 20 lks. wide, course W. and ascend.
80.00	Set a granite stone 30 x 15 x 12 ins. 23 ins. in the ground for cor. of Secs.17,18, 19 and 20. Marked with 3 notches on S. and 5 notches on E. edges; raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable. Land mountainous; Soil, rocky, 4th rate; Timber, a few oaks and cedars. Mountainous land, 80 chs.
	—————
	East on a random line bet. Secs.17 and 20.
40.00	Set temp. 1/4 sec. cor.
79.98	Intersect N. and S. line 23 lks S. of the cor. of Secs.16,17, 20 and 21. Thence I run S.89° 50' W. on a true line bet. Secs.17 and 20. Ascending over rolling mountains through heavy brush.
20.50	Cross road bet. S.E. and N.W.
32.50	Cross dry creek 40 lks wide, course S.E.
39.99	Set a lime stone 20 x 12 x 8 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face; from which A cedar 6 ins. diam. brs. S. 75° W. 192 lks dist. marked 1/4 S 20 B T . A cedar 5 ins. diam. brs. N.46° W. 76 lks dist. marked 1/4 S 17 B T .
79,98	The cor. of Secs.17,18,19 and 20. Land mountainous; Soil, rocky, 4th rate; Timber, scattering cedar; Undergrowth, oak, cat claw and manzanita brush.

Subdivision of Tp. 8 N. R 10 E.

Chains Thence I run
 N. 89° 46' W. on a true line bt. Secs.10 and 15.
 Over rolling top of mountain.

32.00 Cross gully 10 lks. wide, course N.E.

40.05 Set a sand stone 22 x 12 x 6 ins. 16 ins. in the
 ground for 1/4 sec. cor., marked 1/4 on N. face.
 From which
 A crucifixion 3 ins. diam. brs. N. 46 ° E. 27 lks.
 dist. marked 1/4 S. 10 B T .
 A crucifixion 4 ins. diam. brs. S. 17° E. 20 lks.
 dist. marked 1/4 S 15 B T .

80.10 The cor. of Secs. 9,10,15 and 16.
 Land mountainous;
 Soil, rocky, 4th rate;
 No timber.
 Mountainous land, 80.10 chs.

December 10, 1904.

December 11th.

At 8 hrs. 30 min. A.M. l.m.t., I set off 34° 3'
 N. on the lat. arc, 22° 58' S. on the decl. arc
 and determine a meridian with the solar at the cor
 of Secs. 9,10,15 and 16.

Thence I run
 N.0° 2' W. bet. Secs. 9 and 10.
 Over rolling mountains.

17.35 Cross wash 20 lks wide, course E.

33.25 Cross wash 10 lks. wide, course E.

40.00 Set a sand stone 24 x 14 x 6 ins. 18 ins. in the
 ground for 1/4 sec. cor. marked 1/4 on W. face; from
 which
 A cedar 4 ins. diam brs. S. 25-1/4° E. 39 lks.
 dist. marked 1/4 S 10 B T .
 A cedar 6 ins. diam. brs. S. 24-1/4° W. 281 lks.
 dist. marked 1/4 S 9 B T .

79.00 Cross wash 25 lks wide, course E.

80.00 Set a granite stone 22 x 12 x 6 ins. 16 ins. in

Chains

K

the ground for cor. of Secs. 3,4, 9 and 10
Marked with 5 notches on S. and 3 notches on E.
edges, and raised mound of stone 2 ft. base 1-1/2
ft. high W. of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80 chs.

South 89° 46' E. on a random line bet. Secs.3
and 10.

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect N. and S. line 17 lks. S. of the cor.
of Secs. 2,3,10 and 11.

Thence I run

N.89° 53' W. on a true line bet. Secs.3 and 10.

Descending W. slope of rolling mountains.

10.80 Cross wash 10 lks. wide, course S.

17.25 Cross wash 15 lks. wide, course S.

20.45 Cross wash 30 lks. wide, course S.

23.00 Over bottom land through dense cat claw brush.

33.00 Cross road brs. N. and S.

38.85 Cross fence, brs.N.E. and S.W.

39.60 Cross Rye Creek, dry 60 lks wide, course S.

40.04 Point for 1/4 sec. cor. falls in Rye Creek where
if established it would not be permanent; so at

39.00 Set a granite stone 20 x 10 x 6 ins. 15 ins. in
the ground for witness 1/4 sec. cor. marked W.C.
1/4 on N. face.

Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3
ft. distant and raise a mound of earth 3-1/2 ft.
base 1-1/2 ft. high N. of cor.

42.75 Cross wash 40 lks. wide, course S.

47.25 Cross wash 40 lks wide, course S.

53.60 Cross wash 40 lks wide, course S.

54.00 Leave bottom land and ascend.

Subdivision of Tp.8 N R 10 E.

Chains

56.00

Along N. slope

78.90

Cross wash 20 lks wide, course E.

80.08

The cor. of Secs. 3,4,9 and 10.

Land, mountainous and level;
Soil, rocky and sandy, 2d and 4th rate;
Timber, a few cottonwoods;
Undergrowth, cat claw mesquite and oak.

Mountainous land or land covered with dense undergrowth, 80.08 chs.

December 11th.

At this cor. I set off 23° 0' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 3-1/2' N.

North 0° 2' W. bet. Secs. 3 and 4.

Ascending out of canyon.

8.40

Over top of mountain.

18.00

Descend N.E. slope.

32.00

Over bottom land through dense cat claw brush.

40.00

Set a granite stone 18 x 10 x 8 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face.

Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3-1/2 ft. base 1-1/2 ft high W. of cor.

57.75

Cross road brs. E. and W.

62.10

Cross road brs. E. and W.

62.80

Cross wash 20 lks wide, course S.E.

73.00

Cross wash 30 lks wide, course S.E.

77.85

Rye creek 40 lks wide, course S.E.

79.08

Intersect 2d standard parallel 20.30 chs. W. of the cor. of Secs. 33 and 34.

As this point of intersection falls on washed land, I chain S. 0° 2' E. 1.92 chs to

77.16

Set a granite stone 18 x 12 x 12 ins. 12 ins. in the ground for witness cor. to closing cor. of Secs. 3 and 4. marked W.C.C.C. on S. with 3 grooves on E.

1.925 m.c

Subdivision of Tp.8 N R 10 E.

Chains

and W. edges; from which

A sycamore 6 ins. diam. hrs. S. 15-1/2° E. 283 lks. dist. marked W.C. C.C. T 8 N R 10 E S 3 B T .

A sycamore 8 ins. diam. hrs. S. 47-3/4° W. 398 lks. dist. marked W.C. C.C. T 8 N R 10 E S 4 B T .

Land mountainous and level;

Soil, sandy and rocky, 2d and 4th rate;

Timber, a few cottonwoods;

Undergrowth, cat claw and mesquite;

Mountainous land or land covered with dense undergrowth, 79.08 chs.

December 11, 1904.

December 12th.

At 8 hrs. 0 min. A.M. i.m.t. I set off 33° 59' N. on the lat. arc 23° 1' S. on the decl arc and determine a meridian with the solar at the cor of Secs. 4,5,32 and 33 on the S. bdy. of the Tp.

Thence I run

N. 0° 2' W. bet. Secs. 32 and 33.

Over rolling mountainous country.

21.00 Cross gulch 50 lks wide, course N.E.

40.00 Set a porphyry stone 24 x 6 x 4 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face. And raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

56.00 Cross wash 30 lks wide, course S.E. and ascend.

64.00 Summit of ridge, hrs. E. and W. and descends.

80.00 Set a porphyry stone 24 x 10 x 8 ins. 18 ins. in the ground, for cor. of Secs. 28,29,32 and 33, marked with 1 notch on S. and 4 notches on E. edges, and raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80 chs.

Subdivision of Tp.8 N R 10 E.

Chains	Mountainous land or land covered with dense
	undergrowth 79.98 chs.
	December 17th.
	At this cor. I set off 23° 21' S. on the decl. arc and observe the sun on the meridian at noon.
	The resulting lat. is 34° 2' N.
	<hr/>
	West on a random line bet. Secs.18 and 19.
40.00	Set temp. 1/4 sec. cor.
78.28	Intersect W.bdy. of Tp.4 lks S. of the cor. of Secs.13,18,19 and 24.
	Thence I run
	S.89° 58' E. on a true line bet. Secs.18 and 19.
2.80	Cross gully 15 lks wide, course N.E. and ascend. Over rolling mountain.
25.30	Top of ridge hrs.N. and S. and descend.
37.88	Cross gully 15 lks wide, course N.E.
38.28	Set a granite stone 26 x 12 x 5 ins. 19 ins. in the ground for 1/4 sec. cor., marked 1/4 on N face; from which
	An oak 9 ins. dia. hrs.N. 51° W. 73 lks dist. marked 1/4 S 18 B T .
	No other tree available.
	Raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.
41.00	Cross gully 15 lks wide, course N.E.
59.80	Cross gully, 10 lks wide, course N.E.
76.70	Cross gully 5 lks. wide, course N.E.
78.28	The cor. of Secs.17,18,19 and 20.
	Land mountainous;
	Soil, rocky, 4th rate;
	Timber, scattering cedar and oak;
	Undergrowth oak and manzanita brush.
	Mountainous land, 78.28 chs.
	<hr/>
	December 18th.
	At 8 hrs. 0 min. A.M.l.m.t., I set off 34° 2' N.

Subdivision of Tp. 8 N R 10 E.

Chains

on the lat. arc, $23^{\circ} 19-1/2'$ S. on the decl. arc,
and determine a meridian with the solar at the cor
of Secs. 17, 18, 19 and 20.

Thence I run

$N.0^{\circ} 3' W.$ bet. Secs. 17 and 18 over rolling
mountains through heavy brush.

1.25 Cross gully 10 lks. wide, course E.

23.35 Cross dry creek 50 lks. wide, course E.

36.10 Road Globe to Payson brs. S.E. and N.W.

40.00 Set a lime stone $22 \times 12 \times 7$ ins. 16 ins. in the
ground for $1/4$ sec. cor. marked $1/4$ on W. face; from
which

A cedar 9 ins. diam. brs. $S. 27^{\circ} E.$ 85 lks. dist.
marked $1/4 S 17 B T$.

A cedar 6 ins. diam. brs. $N.70-1/2^{\circ} W.$ 39 lks.
dist. marked $1/4 S 18 B T$.

80.00 Set a sand stone $20 \times 14 \times 9$ ins. 15 ins. in the
ground for cor. of Secs. 7, 8, 17 and 18. Marked with
4 notches on S. and 5 notches on E. edges.

Raised a mound of stone 2 ft. base $1-1/2$ ft. high
W. of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

Timber, scattering cedar and oak;

Undergrowth, oak, manzanita and crucifixion thorn.

Mountainous land or land covered with dense un-
dergrowth, 80 chs.

North $89^{\circ} 50' E.$ on a random line bet. Secs. 8
and 17.

40.00 Set temp. $1/4$ sec. cor.

79.88 Intersect N. and S. line 28 lks. N. of the cor.
of Secs. 8, 9, 16 and 17.

Thence I run

$N 89^{\circ} 58' W.$ on a true line bet. Secs. 8 and 17.

Subdivision of Tp.8 N R 10 E .

Chains

Land mountainous;
 Soil, rocky, 4th rate;
 Timber, a few cedars;
 Undergrowth, mesquite;
 Mountainous land, 78.01 chs.

December 18, 1904.

December 19th.

At 8hrs. 0 min. A.M. l.m.t. I set off $23^{\circ} 21' S$ on the decl arc $34^{\circ} 3' N$. on the lat. arc and determine a meridian with the solar at the cor. of secs. 7, 8, 17 and 18.

Thence I run

N. $0^{\circ} 3' W$. bet. Secs. 7 and 8.

Over rolling top of mountains descending.

40.00

Set a lime stone 24 x 15 x 5 ins. 18 ins. in the ground for $1/4$ sec. cor., marked $1/4$ on W. face; from which

A mesquite 9 ins. diam. brs. N. $74^{\circ} E$. 478 lks. dist. marked $1/4 S 8 B T$.

A cat claw 4 ins. diam. brs. S. $25^{\circ} W$. 174 lks. dist. marked $1/4 S 7 B T$.

44.20

Cross road Globe to Payson, brs. N.E. and S.W.

68.85

Cross wash 30 lks wide, course E.

78.80

Cross wash 20 lks wide, course E.

80.00

Set a lime stone 20 x 14 x 8 ins. 15 ins. in the ground for cor. of Secs. 5, 6, 7 and 8 marked with 5 notches on S. and E. edges; from which

A mesquite 4 ins. diam. brs. N. $30^{\circ} E$. 228 lks. dist. marked T 8 N R 10 E S 5 B T.

A mesquite 4 ins. diam. brs. N. $64^{\circ} W$. 29 lks. dist. marked T 8 N R 10 E S 6 B T.

No other trees available.

Raised a mound of stone 2 ft. base $1:1/2$ ft. high W. of cor. Pits impracticable.

Subdivision of Tp.8 N R 10 E.

Chains

Land mountainous;
Soil, rocky 4th rate;
No timber;
Mountainous land 80 chs.

South 89° 58' E. on a random line bet. Secs.5 and 8

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line 5 lks. S. of the cor.
of Secs.4,5,8 and 9.

Thence run W. on a true line bet. Secs.5 and 8
Over rolling top of mountain descending.

39.98 Set a quartzite stone 18 x 14 x 10 ins. 12 ins.
in the ground, for 1/4 sec. cor. marked 1/4 on N.
face, and raise a mound of stone 2 ft. base 1-1/2
ft. high N. of cor. Pits impracticable.

41.75 Road Globeto Payson brs.N.E. and S.W.

60.00 Descend steep N.W. slope through dense oak brush.

66.00 Cross wash 40 lks wide, course N.E. and ascend.

74.00 Center of S. side of round corral.

74.52 Cross fence brs.N. and S.

79.96 The cor. of Secs.5,6,7 and 8.

Land mountainous;
Soil, rocky, 4th rate;
No timber;
Undergrowth oak;
Mountainous land, or land covered with dense un-
dergrowth, 79.96 chs.

December 19th.

At this cor. set off 23° 24' S. on the decl.
arc and observe the sun on the meridian at noon;the
resulting lat. is 34° 3-1/2' N. ↓

West on a random line bet. Secs.6 and 7.

40.00 Set temp. 1/4 sec. cor.

Subdivision of Tp. 8 N R 10 E.

Chains

dist. marked 1/4 S 6 B T .

BOOK 2069

78.75

Intersect 2d standard parallel N. 19.96 chs.W.of cor. of Secs. 31 and 32, and

Set a lime stone 20 x 14 x 10 ins. 15 ins. in the ground for closing cor. of Secs. 5 and 6.

Marked C C. on S. with 5 grooves on E. and 1 groove on W. faces; from which

A cedar 9 ins. in diam. brs.S. 34-1/2° E. 76 lks. dist. marked C.C. T 8 N R.10 E S 5 B T .

A cedar 5 ins diam. brs. S. 60° W. 35 lks dist. marked C.C. T.8 N R 10 E S 6 B T.

Land mountainous;

Soil, rocky, 4th rate;

Timber, cedar;

Mountainous or heavily timbered land, 78.75 chs.

December 19,1904.

This Tp. is all mountains, and the soil generally rocky and 4th rate,with the exception of a narrow strip along Tonto Creek which is quite fertile.

TheTp. is covered with a good growth of grass, valuable for grazing purposes.

There is no timber in the Tp. excepting a few cottonwood trees along Tonto and Rye creeks.

The eastern portion of the Tp is watered by Tonto Creek.

There is one settler in Secs. 27,28 and 13.+14

John J. Fisher
U.S. Deputy Surveyor.

December 19,1904.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

BOOK 2099

A list of the names of the individuals employed by John J. Fisher

....., 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

Subdivision lines of Twp. 8 N. Rg. 10 E.

showing the respective capacities in which they acted:

W. W. Oliver, Chainman.

E. O. Hemenway, Chainman.

....., Moundman.

....., Moundman.

A. A. Snyder, Axman.

W. H. Part, Axman.

Joseph Groves, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John J. Fisher

....., United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision lines of Twp. 8 N. Rg. 10 E.

..... of the Gila and Salt River meridian, Territory 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

W. W. Oliver, Chainman.

E. O. Hemenway, Chainman.

....., Moundman.

....., Moundman.

A. A. Snyder, Axman.

W. H. Part, Axman.

Joseph Groves, Flagman.

Subscribed and sworn to before me this 19 day of December 1904, 189

J. J. Fisher
Notary Public



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BOOK 2069

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John J. Fisher 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 17 day of June, 1904, ~~189~~; 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 Subdivision lines of T. & M. Ry. Co.

of the Gila and Salt River meridian, in the Territory 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.

John J. Fisher
United States Deputy Surveyor.

Subscribed by said John J. Fisher, and sworn to before me }
this 10th day of February, 1905, ~~189~~

Frank S. Ingalls
U. S. Surveyor General
for Arizona.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, May 1st 1905, 189

The foregoing field notes of the survey of the subdivisional lines of T. & M. Ry. Co. of the Gila and Salt River Base and Meridian, in the Territory of Arizona

executed by John J. Fisher, U. S. Deputy Surveyor under his contract No. 120, dated June 17, 1904, ~~189~~, 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.

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1240K
APR 5-1907
APR 8-1907

Supplemental
FIELD NOTES
of Corrections
OF THE SURVEY OF THE

Subdivisions of T. 8 N. R. 10 E

Of the *G. & S. R. R.* — Meridian,

AS SURVEYED BY

John J. Fisher, United States Deputy Surveyor,

Under his Contract No. *120*, dated *June 14th*, 190*4*

Survey commenced *Sep. 19th*, 190*5*

Survey completed *Sep. 19th*, 190*5*

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BOOK 2069

NAMES AND DUTIES OF ASSISTANTS.

George Cassidy

Chairman

A. H. Oliver

Chairman

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BOOK 2069

INDEX DIAGRAM.

Township 8 North , Range 10 East

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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.....

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BOOK 2069

PRELIMINARY OATHS OF ASSISTANTS.

WE, George Cassidy and A. N. Oliver
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

Subdivision T. 8 N. R. 10 E

George Cassidy, Chainman.

A. N. Oliver, Chainman.

Subscribed and sworn to before me this 19
day of Sept, 1905



John J. Fisher
U.S. Dep. 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, _____ 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 _____



Chains.

Having tested my solar apparatus by Polaris observations made A. M. and P. M. on the 15th and 16th at the Standard corner of T. 9 N., R. 12 E. Sep. 19 at 7 a.m. l.m.t. I set off $34^{\circ} 1' N.$ on the lat arc; $1^{\circ} 39' N.$ on the decl. arc and determine a meridian with the solar at the corner of secs. 20, 21, 28 and 29.

Thence I run,

40.00 N. $0^{\circ} 02' W.$, between secs. 20 and 21.
Destroy old cor., and set a granite stone 16 x 8 x 8 ins. in mound of stones for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face.

Whence a Crucifixion Thorn 5 ins. diam., bears N. $55^{\circ} E.$, 44 lks. dist., marked $\frac{1}{4}$ S 21 B T.

80.00 A Crucifixion Thorn, 5 ins. diam., bears S. $79^{\circ} W.$, 29 lks. dist., marked $\frac{1}{4}$ S 20 B T.
The cor. secs. 16, 17, 20, and 21, as described in original notes.

I commenced at cor. secs. 22, 23, 26, and 27, T. 8 N., R. 10 E., as described in original notes.

Thence I run,

40.00 N. $0^{\circ} 01' W.$, between secs. 22 and 23.
Destroy old cor., and set a sandstone, 18 x 8 x 6 ins. in mound of stones for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stones 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

No trees. Pits impracticable.

80.00 The cor. secs. 14, 15, 22, and 23, as described in original field notes.

I commence at cor. secs. 13, 14, 23, and 24.

Thence I run,

80.50 S. $89^{\circ} 39' E.$ on a random line, between secs. 13 and 24.

Intersect range line at the cor. secs. 13, 18, 19, and 24.

Thence I run,

40.25 N. $89^{\circ} 39' W.$ on a true line, between secs. 13 and 24.
The point for $\frac{1}{4}$ sec. cor. falls on overflow land, so at

41.35 Destroy old W. C. cor., and set a granite stone 18 x 10 x 6 ins., 14 ins. in the ground for W. C. $\frac{1}{4}$ sec. cor., marked W C $\frac{1}{4}$ on N. face,

Whence,

A cottonwood, 8 ins. diam., bears N. $51^{\circ} 30' W.$, 48 lks. dist., marked W C $\frac{1}{4}$ S 13 B T.

A cottonwood, 10 ins. diam., bears S. $14\frac{3}{4}^{\circ} W.$, 125 lks. dist., marked W C $\frac{1}{4}$ S 24 B T.

80.50 The cor. secs. 13, 14, 23, and 24, as described in original field notes.

Sep. 19, 1905.

John J. Fisher
U. S. Dep. Surveyor

see P. 32
subs. J & M R 106

see P. 15
subs. J & M R 106

see P. 7
subs. J & M R 106

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by John J. Fisher, 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 T. & U.

R 10 E G + S R. B + M

showing the respective capacities in which they acted:

George Cassidy, Chairman.

A. N. Oliver, Chairman.

, Moundman.

, Moundman.

, Axman.

, Axman.

, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John J. Fisher, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivisions of T & U R 10 E

S. R. B + meridian, Territory of Arizona of the G +, 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

George Cassidy, Chairman.

A. N. Oliver, Chairman.

, Moundman.

, Moundman.

, Axman.

, Axman.

, Flagman.

Subscribed and sworn to before me this 19 day of Sept, 1905

John J. Fisher
U.S. Dep. Surveyor



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BOOK 2069

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John J. Fisher 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 14 day of June, 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 the subdivisions of T. 8 N. R. 10 E.

B + of the G. & S. R. meridian, in the territory 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.

John J. Fisher
United States Deputy Surveyor.

Subscribed by said John J. Fisher, and sworn to before me }
this 14 day of April, 1907

J. M. Watts
Clerk U.S. Dist Court



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, AZ April 17, 1907

The foregoing field notes of the survey of a portion of the subdivisions of T. 8 N. R. 10 E., of the Gila and Salt River Base Land Meridian in the territory of Arizona

executed by John J. Fisher of S. under his contract No. 120, dated June 14, 1904, having been critically examined, and the necessary corrections and explanations made, the said field notes, and 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.