

2068

BOOK 2068

M. K.
May 24-05.

FIELD NOTES

2068

OF THE SURVEY OF THE

2068

Subdivision lines of Twp. 9 N. Rg. 10 E.

2068

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, 1904

Survey commenced November 14, 1904, 1904

Survey completed December 1,, 1904

2068

2068

2068

John J. Fisher

65/A

BOOK 2068

NAMES AND DUTIES OF ASSISTANTS.

W. W. Oliver Chairman

E. O. Hemenway Chairman

A. A. Snyder Axman

W. N. Post Axman

Joseph Groves Plagman

T

66
18

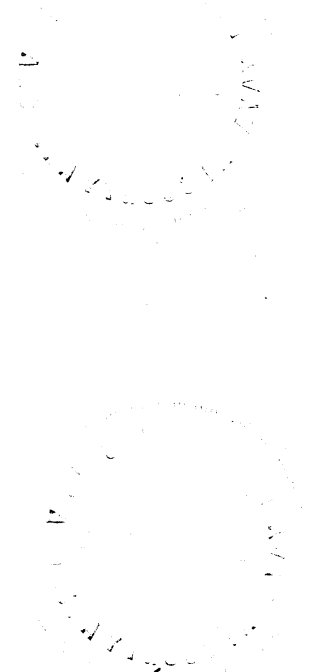
BOOK 2068

INDEX DIAGRAM.

Township 9 N., Range 10 E.

6	50	5	37	4	28	3	20	2	10	1
49		49		36		28		19		10
7	48	8	36	9	27	10	18	11	9	12
47		46		35		26		18		8
18	45	17	34	16	25	15	17	14	7	13
44		43		33		25		16		6
19	43	20	32	21	24	22	15	23	6	24
42		41		31		23		14		5
30	40	29	31	28	22	27	12	26	4	25
40		39		30		21		11		3
31	38	32	29	33	20	34	11	35	2	36

Meanders Page.....



PRELIMINARY OATHS OF ASSISTANTS.

69
BOOK 2068

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 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 The subdivision lines of Tp. 9 N. R. 10 E.

W. W. Oliver, Chainman.

E. O. Hemenway, Chainman.

Subscribed and sworn to before me this 14
day of November, 1904



my commission expires
May 27, 1908

J. J. Fisher
Notary Public

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, A. A. Snyder and W. H. Port

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 Tp. 9 N. R. 10 E.

A. A. Snyder, Axman.

W. H. Port, Axman.

Subscribed and sworn to before me this 14
day of November, 1904



my commission expires
May 27, 1908

J. J. Fisher
Notary Public

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 Tp. 9 N. R. 10 E.

Joseph Groves, Flagman.

Subscribed and sworn to before me this 14
day of November, 1904



my commission expires
May 27, 1908

J. J. Fisher
Notary Public

6F
1D

Subdivision of Tp. 9 N R 10 E.

Chains

Survey commenced November 14, 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 standard cor. of Secs. 35 and 36 on the S. bdy. of the Tp. lat. $34^{\circ} 4' 26''$ N. long. $111^{\circ} 15' 36''$ west, at 4 hrs. 0 min. P.M. l.m.t., I set off $34^{\circ} 4\frac{1}{2}'$ N. on the lat. arc $18^{\circ} 16'$ S. on the decl. arc and determine a meridian with the solar and mark a point thereof on a stone set firmly in the ground 5 chs. N. of the cor.

November 14, 1904.

November 15.

At 3 hrs. 42-21 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' 27'} ~~10-28'~~ to the E. and mark the meridian thus determined, by cutting a small groove in the stone set November 14th, on which the true meridian coincides with the meridian established by the solar.

Subdivision of Tp.9 N R 10 E.

Chains

At 7 hrs. 30 min. A.M. 1.m.t. I set off $34^{\circ} 4\frac{1}{2}'$ N. on the lat. arc ^{$18^{\circ} 25' 8''$} ~~$18^{\circ} 23\frac{1}{2}'$~~ S. 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 coincides with the meridian established by the Polaris observation. The solar apparatus by P.M. and A.M. observations defines positions for meridians which coincide 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 7 hrs. 30 min. A.M. is $N13^{\circ} 57' W$. The angle thus determined gives the mean mag. decl. $13^{\circ} 57' E$.

From the standard cor. of Secs. 35 and 36 on S. bdy. of the Tp. previously described, I run

$N.0^{\circ} 1' W$ bet. Secs. 35 and 36.

Over rolling mountains along E. slope

1.75

Cross wash 5 lks wide, course E.

14.90

Cross wash 20 lks. wide, course E.

28.00

Cross wash 40 lks. wide, course E.

29.25

Cross wash 20 lks. wide, course E.

40.00

Set a sand stone 18 x 12 x 6 ins. 12 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. W. of cor. Pits impracticable.

47.00

Cross wash 10 lks. wide, course E.

48.00

Cross wash 30 lks. wide, course E.

60.35

Cross wash 10 lks. wide, course E.

64.75

Cross wash 10 lks. wide, course E.

69.40

Cross wash 15 lks. wide, course E.

76.80

Cross wash 10 lks. wide, course E.

80.00

Set a sand stone 18 x 8 x 8 ins. 12 ins. in the ground for cor. of Secs. 25, 26, 35 and 36. marked with 1 notch on S. and E. edges, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable.

Subdivision of Tp 9 N R 10 E.

Chains	<p>Land mountainous; Soil, rocky, 4th rate; No timber; Mountainous land, 80 chs.</p>
40.00	<p>E. on a random line bet. Secs. 25 and 36. Set temp. 1/4 sec. cor.</p>
79.82	<p>Intersect E. bdy. of Tp. 3 lks. N. of cor. of Secs. 25, 30, 31 and 36.</p>
0.32	<p>Thence I run N.89° 59' W. on a true line bet. Secs. 25 and 36. Cross wash 30 lks. wide, course N.W. and descend over rolling mountain.</p>
39.91	<p>Set a granite stone 20 x 8 x 8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which</p>
	<p>A mesquite 8 ins. diam. brs. N. 34-1/2° E. 95 lks. dist. marked 1/4 S 25 B T .</p>
	<p>A cedar 6 ins. diam. brs. S. 64-3/4° W. 158 lks. dist. marked 1/4 S 36 B T .</p>
41.00	<p>Cross road brs. N. and S.</p>
43.00	<p>Over bottom land through dense brush and scattering sycamore timber.</p>
45.30	<p>Cross Tonto Creek, running stream 70 lks. wide, course S.</p>
55.32	<p>Ascend E. slop of rolling mountain.</p>
78.20	<p>Cross wash 80 lks. wide, course S.E.</p>
79.82	<p>The cor. of Secs. 25, 26, 35 and 36. Land, mountainous and level. Soil, loamy and rocky, 1st and 4th rate; Timber, sycamore. Undergrowth, willows, and buck brush. Mountainous land, or land covered with dense undergrowth, 79.82 chs.</p>
	<p>November 15th.</p>
	<p>Clouds prevented an observation for lat.</p>

Subdivision of Tn. 9 N R 10 E.

Chains	N. 0° 1' W. bet. Secs. 25 and 26. Along rolling E. slope of mountain.
0.75	Cross wash 100 lks. wide, course E.
5.70	Cross wash 75 lks. wide, course E.
11.00	Cross wash 10 lks. wide, course E.
16.00	Cross wash 60 lks. wide, course E.
17.70	Cross wash 20 lks. wide, course E.
19.60	Cross wash 40 lks. wide, course E.
27.00	Cross wash 5 lks wide, course E.
31.30	Cross wash 15 lks. wide, course E.
38.50	Cross wash 10 lks. wide, course E.
40.00	Set a sand stone 18 x 10 x 4 in . 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face. and raise a mound of stones 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.
45.70	Cross wash 20 lks wide, course E.
51.40	Cross wash 10 lks. wide, course E.
58.43	A point from which N.W. cor. of J.F Holder's store brs.S.42° 30' E. 34.50 chs. dist. N.W. cor. of Holder's house brs.S.41° E. 34.46 chs. N.W. Cor. of Fred Haught's house brs.S. 51° 26'E. 34.15 chs. dist.
56.70	Cross wash 20 lks. wide, course E.
59.50	Cross wash 20 lks wide, course E.
73.50	Cross wash 20 lks. wide, course E.
80.00	Set a conglomerate stone 30 x 16' x 6 ins. ^{23 ins. in ground.} for cor. of Secs. 23,24,25 and 26, marked with 1 notch on E. 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.

Chains

40.00
79.80

S. 89° 59' E. on a random line bet. Secs. 24 and 25
Set temp. 1/4 sec.
Intersect E. bdy. of Tp. 7 lks. S. of the true point

for cor. of Secs. 19, 24, 25 and 30.

Thence I run *(from true point for cor.)*

3.30

W. on a true line bet. Secs. 24 and 25.
Over rolling mountains through dense brush.
Cross Tonto Creek 40 lks. wide, course S.W.

27.60

Cross road, brs. N. and S.

30.00

Cross road, brs. N. and S.

31.65

Cross irrigating ditch 4 lks. wide, course S.

32.68

Cross fence, brs. N. and S.

34.80

Cross fence brs. N. and S.

39.00

Cross fence brs. N. and S.

39.90

Set a granite stone 18 x 14 x 6 ins. 12 ins. in the
ground for 1/4 sec. cor., marked 1/4 on N. face;
from which

A mesquite 10 ins. diam. brs. S. 58-1/2° E. 49 lks.
dist. marked 1/4 S 25 B T .

A cedar 6 ins. diam. brs. N. 5° E. 379 lks dist.
marked 1/4 S 24 B T .

NOTE: From this cor. the S.W. cor. of Zack Booth's
house brs N59° 15' E. 5.20 chs. dist.

56.20

Cross wash 15 lks wide, course S.E.

57.00

Cross wash 20 lks wide, course S.E.

78.65

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

79.80

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

Land mountainous;

Soil, rocky, and loamy, 1st and 4th rate;

Timber, a few scattering cedars and mesquites;
Undergrowth, willow and mesquite.

Mountainous land, and land covered with dense under-
growth, 80 chs.

November 15, 1904.

November 16.

At 8 hrs. 0 min. A.M. l.m.t., I set off 34 ° 6' N.
on the lat. arc, 18° 41' S. on the decl arc and deter-
mine a meridian with the solar at the cor. of Secs.
23, 24, 25 and 26.

Subdivision of T 9 N R 10 E .

Chains

Thence I run

N. 0° 1' W. bet, Secs. 23 and 24.

Over rolling mountains along general east slope.

10.85 Cross gully 10 lks. wide, course E.

21.90 Cross gully 15 lks. wide, course E.

34.30 Cross gully 10 lks. wide, course E.

38.90 Cross gully 10 lks. wide, course E.

40.00 Set a sand stone 26 x 12 x 7 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which

A mesquite 5 ins. diam. brs. S. 66-1/2° E. 131 lks. dist. marked 1/4 S 24 B T .

A mesquite 4 ins. diam. brs. N. 7-1/2° W. 41 lks. dist. marked 1/4 S 23 B T .

48.50 Cross gully 15 lks. wide, course S.E.

62.00 Cross gully 10 lks. wide, course S.E.

72.50 Cross dry creek 40 lks. wide, course N.E.

80.00 Set a sandstone 26 x 16 x 15 ins. 19 ins. in the ground for cor. of secs. 13, 14, 23 and 24, marked with 5 notches on S. and 1 notch on E. edges; from which

A mesquite 4 ins. diam. brs. S. 41° E. 53 lks. dist. marked T 9 N R 10 E S 24 B T , and raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

NOTE: From this cor. the N.W. cor. of the school house brs. S. 71-3/4° E.

Land mountainous;

Soil, rocky, 4th rate;

Timber, scattering cedar and mesquite;

Mountainous land, 80 chs.

East, on a random line bet. Secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect E. bdy. of Tp. at the cor. of Secs. 13, 18, 19 and 24.

Thence I run

Subdivision of T 9 N R 10 E .

Chains	W. on a true line bet. Secs. 13 and 24.
3.55	Cross ditch 4 lks. wide, course S. and over bottom land through dense burro brush.
4.50	Cross fence N. and S. , and ascend E. slope of rolling mountains.
6.20	Cross dry creek 40 lks. wide, course S.E.
6.70	Cross road brs. N. and S.
9.70	A point from which the N. E. cor. of school house brs. S. 25-1/2 ° W.
18.40	Cross gully 10 lks wide, course N.E.
20.60	Cross gully 10 lks. wide, course S.E.
39.85	Set a granite stone 18 x 10 x 5 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.
46.00	Cross road brs. S.E. and N.W.
48.20	Cross road brs. S.E. and N.W. In wash 70 lks. wide course S.E.
79.70	The cor. of Secs. 13, 14, 23 and 24. Land mountainous and level; Soil, 2d and 4th rates; Timber, scattering mesquite; Undergrowth, burro brush; Mountainous land or land covered with dense undergrowth, 79.70 chs. November 16th. At this cor. I set off 18° 46' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 7' N. <hr/> North 0° 1' W. bet. Secs. 13 and 14. Descending over rough mountains through scattering timber.
5.40	Cross gully 10 lks. wide, course S.E.
17.00	Cross gully 15 lks wide, course E.
23.50	Cross gully 10 lks. wide, course E.

Subdivision of T 9 N R 10 E.

Chains	
32.00	Cross dry creek 60 lks.wide, course S.E. and ascend.
33.75	Cross road brs.S.E. and N.W.
40.00	Set a granite stone 24 x 8 x 7 lns. 18 in. in the
	ground for 1/4 sec. cor. marked 1/4 on W. face; from which
	A palo verde 3 ins. diam. brs. N. 25° E. 13 lks dist. marked 1/4 S 13 B T .
	A mesquite 4 ins. diam. brs.S. 66° W. 83 lks. dist marked 1/4 S 14 B T .
50.50	Cross gully 10 lks. wide, course S.E.
80.00	Set a granite stone 30 x 15 x 14 lns. 23 lns in the
	ground for cor. of Secs. 11,,12, 13 and 14,marked with
	4 notches on S. and 1 notch 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;
	Timber, scattering cedar, palo verde and mesquite.
	Mountainous land, 80 chs.

	East on a random line bet Secs. 12 and 13.
40.00	Set temp. 1/4 sec. cor.
79.80	Intersect E. bdy. of Tp. 3 lks. N. of the cor. of
	Secs. 7, 12, 13 and 18. Thence I run
	N. 89° 59' W. on a true line bet. Secs. 12 and 13.
	Over rolling mountains along the general S. slope.
22.00	Cross dry creek 40 lks. wide, course S.
39.50	Cross road brs. N. and S.
39.90	Set a sandstone 24 x 14 x 12 lns. 18 lns. in the
	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.
45.80	Cross dry creek 50,lks wide, course S.
47.30	Cross gully 18 lks wide, course S.E.
71.00	Cross dry creek 50 lks. wide, course S.E.

Subdivision of T 9 N R 10 E .

Chains

79.80

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

Land, mountainous;

Soil, rocky, 4th rate;

Timber, scattering cedars and mesquite;

Mountainous land, ^{79.80 chs.} 80 chs.

November 16th, 1904.

November 17th.

At 8 hrs. 0 min. A.M. l.m.t., I set off 34° 8' N. on the lat. arc 18° 56' 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.

Ascending rough S. slope of mountains.

14.50

Cross gully 10 lks. wide, course E.

22.00

Cross gully 10 lks. wide, course E.

40.00

Set a granite stone 20 x 15 x 9 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face; raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor.

Pits impracticable.

52.75

Cross gully 15 lks wide, course S.E.

80.00

Set a granite stone 24 x 10 x 5 ins. 18 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. N. 20° W. 95 lks. dist. marked T 9 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.

Land, mountainous;

Soil, rocky, 4th rate;

Timber, scattering cedar.

Mountainous land, 80 chs.

Subdivision of T 9 N R 10 E .

Chains South 89° 59' E. on a random line bet. Secs. 1 and 12
40.00 Set temp. 1/4 sec. cor.
79.90 Intersect E. bdy. of Tp. 18 lks. N. of the cor. of
Secs. 1, 6, 7 and 12.
Thence I run
N. 89° 51' W. on a true line bet. Secs. 1 and 12.
Over rough mountains along general S. slope.
28.00 Top of ridge hrs. N. and S. and descends.
39.95 Set a granite stone 28 x 14 x 15 ins. 21 ins. in
the ground for 1/4 sec. cor. marked 1/4 on N. face; from
which
A cedar 6 ins. diam. hrs. N. 19-1/2° E. 139 lks
dist marked 1/4 S 1 B T .
A cedar 11 ins. diam. hrs. S. 56-1/2° W. 89 lks.
dist. marked 1/4 S. 12 B T .
48.30 Cross gully 20 lks wide, course S.E. and ascend.
51.15 Cross road, hrs. N. and S.
71.00 Cross gully 15 lks wide, course S.E.
79.90 The cor. of Secs. 1, 2, 11 and 12.
Land mountainous,
Soil, rocky, 4th rate;
Timber, scattering cedars;
Mountainous land, 79.90 chs.
November 17th.
At this cor. I set off 19° 1' S. on the decl. arc
and observe the sun on the meridian at noon. The result-
ing lat. is 34° 9' N.

North 0° 1' W. bet. Secs. 1 and 2, on a random line.
40.00 Set temp. 1/4 sec. cor.
80.20 Intersect N. bdy. of Tp. 38 lks W. of the cor. of
Secs. 1, 2, 35 and 36.
Thence I run
S. 0° 15' W. bet. Secs. 1 and 2.
Descending over rolling mountain.
4.00 Cross gully 15 lks wide, course S.
9.00 Cross gully 10 lks. wide, course S.E.
40.20 Set a granite stone 28 x 14 x 5 ins. 21 ins. in the

Chains ground for 1/4 sec. cor., marked 1/4 on W. face.
 Raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.
 60.50 Cross gully 10 lks. wide, course E.
 80.20 The cor. of Secs. 1,2,11 and 12.
 Land mountainous;
 Soil, rocky, 4th rate;
 Timber, scattering cedars;
 Mountainous land, 80.20 chs.

November 17, 1904.

November 18th.

At 8 hrs. 0 min. A.M. l.m.t. I set off 34° 4-1/2' N. on the lat. arc 19° 11' S. on the decl. arc, and determine a meridian with the solar at the standard cor. of Secs. 34 and 35 on the S. bdy. of the Tp.

Thence I run

N.0° 1' W. bet. Secs. 34 and 35.

Ascending over rolling mountain top.

40.00 Set a sand stone 24 x 14 x 12 ins. 18 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face; raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

80.00 Set a sand stone 20 x 12 x 6 ins. 15 ins. in the ground for cor. of Secs. 26,27, 34 and 35, marked with 2 notches on E. and 1 notch on S. 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, 80chs.

East on a random line bet. Secs. 26 and 35.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line at cor. of Secs. 25,26, 35 and 36.

Chains

Thence Iron

W. on a true line bet. Secs. 26, and 35.

Ascending rolling E slope of mountains, through scattering cedar timber.

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

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

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

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

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

40.03 Set a granite stone 20 x 8 x 8 ins. ^{15 ins. in ground} for 1/4 sec.

cor. marked 1/4 on N. face; from which

A cedar 4 ins. diam. brs. S. 29° W. 176 lks. dist. marked 1/4 S 35 B T .

A cedar 12 ins. diam. brs. N. 65° W. 292 lks. dist. marked 1/4 S 26 B T .

44.000 Slope becomes very steep.

70.00 Top of spur, N.E. and S.W.

80.00 Top of ridge, N. and S.

80.06 ~~Set~~ sand stone 20 x 12 x 6 ins. for cor. of Secs. 26, 27, 34 and 35, marked with 2 notches on E. and 1 notch on S. edges, ~~with~~ a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor. ~~...~~

Land, mountainous;

Soil, rocky, 4th rate;

Timber, a few cedars;

Mountainous land, 80.06 chs.

November 18th.

At this cor. I set off 19° 15' S. on the decl arc and observe the sun on the meridian at noon; the resulting lat. is 34° 5' N. ✓

North 0° 1' W. bet. Sec. 26 and 27.

Descend along rolling E. slope of mountain.

13.80 Cross wash 20, lks wide, course E.

22.60 Cross wash 10 lks. wide, course E.

23.70 Cross wash 10 lks wide, course E.

Subdivision of T 9 N R 10 E.

Chains	
33.60	Cross old road, brs. E. and W.
37.25	Cross wash 20 lks. wide, course E.
40.00	Set a sand stone 18 x 8 x 8 ins. 12 ins. in the
	ground for 1/4 sec. cor., marked 1/4 on W. face; from which
	A cedar 8 ins. diam. brs. S. 50° W. 284 lks. dist. marked 1/4 S. 27 B T .
	No other tree available, and raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.
47.45	Cross wash 20 lks. wide, course E.
74.20	Cross wash 15 lks. wide, course E.
79.25	Cross wash 10 lks. wide, course E.
80.00	Set a sand stone 18 x 10 x 4 ins. 12 ins. in the
	ground for cor. of Secs. 22, 23, 26 and 27., marked with 2 notches on S. and 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;
	Timber, a very few cedars;
	Mountainous land, 80 chs.

	East on random line bet. Secs. 23 and 26.
40.00	Set temp. 1/4 sec. cor.
80.12	Intersect N. and S. line 7 lks. N. of the cor. of
	Secs. 23, 24, 25 and 26.
	Thence I run
	N. 89° 57' W. on a true line bet. Secs. 23 and 26.
11.50	Cross wash 20 lks wide, course S.E.
14.00	Cross wash 20 lks. wide, course S.E.
32.30	Cross wash 15 lks. wide, course S.E.
35.00	Cross wash 5 lks wide, course S.E.
40.06	Set a sand stone 20 x 10 x 8 ins. 15 ins. In the
	ground for 1/4 sec. cor. marked 1/4 on N. face; from

Subdivision of T 9 N R 10 E.

Chains

which

A mesquite 8 ins. diam. brs. N. 10° W. 84 lks. dist. marked 1/4 S 23 B T .

No other trees available. Raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

40.30 Cross wash course S.E., 25 lks wide.

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

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

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

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

Land mountainous;
Soil, rocky, 4th rate;
Timber, a very few cedars;
Mountainous land, ^{20.12} ~~20~~ chs.

November 18th.

November 19th.

At 8 hrs. 0 min A.M. I set off 34° 6' N. on the lat. arc, and 19° 25' 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 through very scattering timber.

14.50 Cross gully 10 lks. wide, course E.

20.00 Cross gully 10 lks. wide, course E.

35.25 Cross gully 15 lks. wide, course E.

40.00 Set a sand stone 26 x 12 x 11 ins. 20 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face; from which

A cedar 6 ins. in diam. brs. N. 10° E. 110 lks dist. marked 1/4 S 23 B.T.

A cedar 5 ins. diam. brs. N. 48-1/2 ° W. 297 lks. dist. marked 1/4 S. 22 B T .

44.00 Cross gully 15 lks wide, course S.E.

56.00 Cross gully 10 lks wide, course S.E.

65.00 Cross gully 10 lks wide, course S.E.

Subdivision of T 9 N R 10 E .

Chains

80.00

Set a sand stone 36 x 12 x 12 ins. 27 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,; from which

A cedar 10 ins. diam. brs. N. 71° E. 52 lks. dist. marked T. 9N R 10 E S 14 B T .

A cedar 20 ins. diam. brs. S. 61° E. 63 lks. dist. marked T 9 N R 10 E S 23 B T .

No other trees available. Raised amount of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

Timber, scattering cedars;

Mountainous land 80 chs.

40.00

South 89° 57' E. on a random line bet. Secs.14 and 23

Set temp. 1/4 sec. cor.

80.20

Intersect N. and S. line 3 lks. N. 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.

Ascending over rolling mountains .

37.00

Cross gully 10 lks. wide, course S.E.

40.10

Set a sand stone 18 x 7 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which

A cedar 7 ins. diam. brs. S. 74° E. 297 lks. dist. marked 1/4 S 23 B T .

A cedar 12 ins. diam. brs. N. 40° W. 19 lks. dist. marked 1/4 S 14 B T .

65.00

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

79.45

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

80.20

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

Land, mountainous;

Subdivision of T 9 N R 10 E.

Chains

Soil, rocky, 4th rate;
Timber, a few scattering cedars;
Mountainous land, ^{80.20} 80 chs.

November 19.

At this cor. I set off 19° 29' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 7' N. ✓

North 0° 1' W. bet. Secs. 14 and 15 .

Descend over rough mountains.

21.75 Cross gully 15 lks. wide, course E.

40.00 Set a lime stone 18 x 10 x 4 ins. 12 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.

60.00 Cross gully 15 lks. wide, course E.

66.20 Cross road brs. S.E. and N.W. in wash 40, lks wide, course S.E.

75.00 Cross dry creek 40 lks wide, course S.E.

80.00 Set a sand stone 28 x 9 x 7 ins. 21 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; from which

An oak 5 ins. diam. brs. N. 20-1/2° E. 18 lks. dist marked T 9 N R 10 E S 11 B T .

An oak 3 ins. diam. brs. S. 23° E. 19 lks. dist. marked T 9 N R 10 E S 14 B T .

An oak 4 ins. in diam. brs. S. 58-1/2° W. 79 lks. dist. marked T 9 N R 10 E S 15 B T .

An oak 4 ins in diam. brs. N 62° W. 93 lka . dist. marked T 9 N R 10 E S 10 B T .

Land, mountainous;

Soil, rocky, 4th rate;

Timber, scattering cedars, oak and mesquites.

Mountainous land, 80 chs.

Chains

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

40.00 Set temp. 1/4 sec. cor.

80.22 Intersect N. and S. line 19 lks. S. of the cor. of Secs. 11, 12, 13 and 14.

Thence I run

S. 89° 56' W. on a true line bet. Secs. 11 and 14 Descending over rough rolling mountains.

8.00 Cross gully 15 lks wide, course S.

23.00 Cross gully 10 lks wide, course S.

40.11 Set a granite stone 20 x 12 x 5 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.

45.00 Cross gully 20 lks wide, course S.

56.50 Cross gully 15 lks wide, course S.

71.20 Cross gully 20 lks wide, course S.E.

80.22 The cor. of Secs. 10, 11, 14 and 15.

Land, mountainous;

Soil, rocky, 4th rate;

Timber, a few scattering cedars;

Mountainous land, 80.22 chs.

November 19, 1904.

November 20th.

At 8 hrs. 0 min. A.M. I set off 34° 8' N on the lat. arc 19° 38' 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.

Ascending over rough mountain.

11.00 Cross gully 10 lks wide, course S.W.

29.00 Top of ridge hrs. N.E. and S.W. and descend.

40.00 Set a granite stone 24 x 14 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.

Chains

- 41.50 Cross gully 10 lks wide, course S.W. and ascend.
- 52.00 Cross gully 10 lks wide, course S.W.
- 61.00 Cross gully 15 lks. wide, course S.W.
- 80.00 Set a granite stone 18 x 7 x 6 ins. 12 ins. in
 the ground for cor. of secs. 2, 3, 10 and 11. Marked
 with 5 notches on S. and 2 notches on E. edges; from
 which
- A cedar 10 ins. diam. brs. N. 60° W. 136 lks.
 dist., marked T 9 N R 10 E S 3 B T . 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;
 Timber, scattering cedar;
 Mountainous land, 80 chs.
-
- North 89° 56' E. on a random line bet. Sec. 2
 and 11.
- 40.00 Set temp. 1/4 sec. cor.
- 80.06 Intersect N. and S. line 14 lks. N. of the cor.
 of Secs. 1, 2, 11 and 12.
- Thence I run
 N. 89° 58' W. bet. Secs. 2 and 11.
 Ascending over rough mountain.
- 20.00 Top of ridge brs. N. and S., and descend.
- 31.00 Cross gully 15 lks. wide, course S.W. and ascend.
- 40.03 Set a granite stone 18 x 12 x 9 ins. 12 ins. in
 the ground for 1/4 sec. cor., marked 1/4 on N. face;
 from which
- A cedar 8 ins. diam. brs. N. 24-1/2° E. 483 lks.
 dist. marked 1/4 S 2 B T .
- A cedar 5 ins. diam. brs. S. 39-1/2° E. 234 lks.
 dist. marked 1/4 S. 11 B T .
- 42.50 Cross gully 15 lks. wide, course S.W.
- 50.00 Cross gully 10 lks wide, course S.
- 80.06 The cor. of Secs. 2, 3, 10 and 11.

Chains

Land mountainous;
 Soil, rocky, 4th rate;
 Timber, scattering cedar;
 Mountainous land, 80.06 chs.

November 20th.

At this cor. I set off $19^{\circ} 43'$ S. on the decl. [✓]
 arc and observe the sun on the meridian at noon; the
 resulting lat. is $34^{\circ} 9'$ N. ✓

North $0^{\circ} 1'$ W. in a random line bet. Secs. 2 and 3

40.00 Set temp. $1/4$ sec. cor.80.28 Intersect N. bdy. of Tp. 45 lks W. of the cor
of Secs. 2, 3, 34 and 35.

Thence I run

S. $0^{\circ} 18'$ W. on the true line bet. Secs. 2 and 3
 Descending over rough mountain.

02 38 Cross gully 10 lks wide, course S.W.

34.00 Cross gully 10 lks wide, course S.E.

40.28 ✓ Set a granite stone 18 x 14 x 10 ins. 12 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.

60.00 Cross gully 20 lks. wide, course S.W.

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

Land mountainous;

Soil, rocky, 4th rate;

Timber, a few scattering cedars;

Mountainous land 80.28 chs.

November 20, 1904

November 21st.

At 8 hrs. 0 min. A.M. l.m.t. I set off $34^{\circ} 4-1/2'$ [✓]
 N. on the lat. arc $19^{\circ} 52'$ S. on the decl. arc and
 determine a meridian with the solar at the standard
 cor. of Secs. 33 and 34 on the S. bdy. of the Tp.

Thence I run

N $0^{\circ} 2'$ W. bet. Secs. 33 and 34.

Chains	Ascending over rolling mountains.
18.50	Cross wash 20 lks wide, course W.
19.50	Cross wash 20 lks. wide, course S.W.
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 imprac- ticable.
44.50	Cross wash 30 lks. wide, course S.W.
64.90	Cross wash 30 lks, wide, course S.W.
66.00	Cross wash 30 lks. wide, course S.W.
80.00	Set a sand stone 18 x 10 x 6 ins. 12 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; 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, 3 lks. S. of the cor. of Secs. 26, 27, 34 and 35.
	Thence I run S. 89° 59' W. on a true line bet. Secs. 27 and 34. Over rolling mountains.
4.45	Cross wash 10, lks. wide, course, S.W.
5.85	Cross wash 10 lks, wide, course S.
11.75	Cross wash 10 lks, wide, course S.W.
17.40	Cross wash 10 lks, wide, course S.W.
26.75	Cross wash 10 lks. wide, course S.W.
40.05	Set a sand stone 18 x 8 x 6 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face; from which A cedar 8 ins. diam. brs. N. 24° E. 171 lks. dist. marked 1/4 S 27 B T . and raise a mound of stone 2

Chains	ft. base, 1-1/2 ft. high N. of cor. Pits impracticable.
46.50	Cross wash 30 lks. wide, course S.W.
61.20	Cross wash 20 lks, wide, course S.W.
75.50	Cross wash 30 lks wide, course S.
80.10	The cor. of Secs. 27, 28, 33 and 34. Land mountainous; Soil, rocky, 4th rate; No timber; Mountainous land, 80.10 chs. At this cor. I set 19° 56' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 5' N. ✓

	North 0° 2' W. bet. Secs. 27, and 28 . Ascending over rolling mountains.
1.80	Drain 5 lks. wide, course N.E.
6.90	Drain 5 lks. wide, course S.E.
28.50	Cross wash 15 lks. wide, course S.W.
40.00	Set a sand stone 20 x 18 x 12 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face; from which A cedar 12 ins. diam. brs. N. 6-3/4 ° E. 263 lks. dist. marked 1/4 S. 27 B T . A cedar 6 ins. diam. brs. N. 22° W. 253 lks dist. marked 1/4 S. 28 B T .
42.30	Cross wash 25 lks. wide, course N.W.
55.40	Cross wash 25 lks wide, course N.W.
75.85	Cross wash 25 lks. wide, course W. Point for Sec. cor. falls in a wash, so at 77.50
79.50	Set a granite stone 24 x 14 x 8 ins 18 ins. in the ground, for witness cor. of Secs. 21, 22, 27 and 28 marked with 3 notches, on E. 2 notches on S. and W. C on N.E. face. from which A cedar 8 ins. diam. brs. S. 20-1/2° W. 212 lks.

Chains

dist. marked W.C. T 9 N R 10 E S 28 B T .

A cedar 4 ins. diam. brs. N. 44-1/2° W. 87 lks.
dist. marked W.C. T 9 N R 10 E. S 21 B T , 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;

A few cedars.

Mountainous land, 80 chs.

North 89° 59' E. on a random line bet. Secs. 22
and 27, from true point for cor.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line 21 lks. S. of the cor.
of Secs. 22, 23, 26 and 27.

Thence I run

S. 89° 50' W. on a true line bet. Secs. 22 and 27.

0.26 Cross wash 20 lks. wide, course S.E., and ascend
rolling E. slope of mountains.

26.00 Top of mountain and descend over rolling mountain.

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

40.03 Set a sand stone 18 x 16 x 6 ins. ^{14 ins. in 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.

45.50 Cross wash 20 lks, wide, course S.

80.06 The true point for cor. of Secs. 21, 22, 27 and 28,
and at

79.60 Set a granite stone 24 x 10 x 8 ins. ^{18 ins. in ground} for witness
cor. to cor. of Secs. 21, 22, 27 and 28, marked W.C.

on N.E. face, with 3 notches on E. and 2 notches on
S. edged; from which

A cedar 4 ins. diam. brs. N. 83-1/2° W. 100 lks.
dist. marked W.C. T 9 N R 10 E S 21 B T .

A cedar 8 ins. diam. brs. S. 24-1/4 ° W. 273 lk. .
dist. marked W.C. T 9 N R 10 E S 28 B T .

Chains

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, 80.06 chs.

November 21, 1904.

November 22d.

At 8 hrs. 0 min. A.M. 1.m.t. I set off on 34° 6' N. on the lat. arc 20° 5' 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, from true point for cor.

Along in wash, course S.

2.25 Leave wash, hrs. N.W. and over top of rolling mountain.

4.50 Cross same wash, course S.W., 20 lks. wide.

35.40 Cross wash 20 lks. wide, course W.

40.00 Set a granite stone 18 x 8 x 6 ins. 12 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.

40.50 Cross wash 15 lks. wide, course W.

49.60 Cross wash 10 lks, wide, course W.

55.25 Cross wash 15 lks. wide, course W.

70.90 Cross wash 10 lks. wide, course W.

80.00 Set a sand stone 18 x 16 x 4 ins. 12 ins. in the ground for cor. of Secs. 15, 16, 21 and 22. marked 10 E. on N.E., 9 N on S.E. faces, with 3 grooves on S. and 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.

Chains.

ticable.

NOTE: It was impossible to put the mound west of the cor. as it would have been in ~~the~~ edge of a wash.

40.06 Enter wash, course W. and along the same.
 40.50 Wagon road and along same.
 41.00 Leave road.
 43.40 Leave wash brs. N.E. 30 lks. wide.
 67.00 Cross wash 5 lks. wide, course S.W.
 80.00 Set a granite stone 18 x 18 x 4 ins. 12 ins. in the ground, for cor. of Secs. 9, 10, 15 and 16, marked with 3 notches on E. and 4 notches on S. edges; from which

A cedar 7 ins. diam. brs. N. 87° E. 156 lks. dist. marked T 9 N R 10 E S 10 B T .

A cedar 7 ins. diam. brs. S. 83-1/2° W. 355 lks. dist. marked T 9 N R 10 E S 16 B T .

A cedar 4 ins. diam. brs. N. 68-1/2° W. 246 lks dist. marked T 9 N R 10 E. S 9 B T .

And raised a mound of stones 2 ft. base and 1 1/2 ft high W. of Cor. Land mountainous;

Soil, rocky, 4th rate;
 Timber, a few scattering cedars;
 Mountainous land 80 chs.

North 89° 43' E. on a random line bet. Secs. 10 and 15.

40.00 80.04 Set temp 1/4 Sec. cor. Intersect N. and S. line 40 lks. N. of the cor. of Secs. 10, 11, 14 and 15.

Thence I run W. on a true line bet. Secs. 10 and 15. Descend

0.50 Cross wash 50 lks. wide, course S.E. and ascend over rolling mountains.
 16.25 Cross wash 10 lks. wide, course S.E.
 16.90 Cross wash 10 lks. wide, course N.E.
 12.45 Cross road brs. N.W. and S.E.
 22.80 Cross wash 10 lks. wide, course S.E.
 39.00 Cross wash 10 lks. wide, course S.W.

Chains

40.02

Set a sandstone 20 x 10 x 8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face. Raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

40.85

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

48.60

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

67.25

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

80.04

Cor. of Secs. 9, 10, 15 and 16. Land mountainous 80.04 chs. Soil rocky, 4th rate. No timber. November 22, 1904.

November 23d.

At 8 hrs. 0 min. A.M. l.m.t., I set off 34° 8' N. on the lat. arc 20° 18' 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.

Ascending over rolling mountain.

20.00

Cross gully 10 lks. wide, course W.

39.50

Cross gully 15 lks. wide, course S.W.

40.00

Set a lime stone 24 x 12 x 12 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.

80.00

Set a granite stone 18 x 12 x 10 ins. 12 ins. in the ground, for cor. of Secs. 3, 4, 9 and 10, marked with 5 notches on S. and 3 notches on E. edges; from which

A cedar 6 ins. diam. brs. N. 22° E. 507 lks. dist. marked T 9 N R 10 E S 3 B T .

A cedar 8 ins. diam. brs. S. 84-1/4° E. 318 lks. dist. marked T 9 N R 10 E S 10 B T .

An oak 4 ins. diam. brs. S. 53-1/2° W. 244 lks. dist. marked T 9 N R 10 E S 9 B T .

A cedar 20 ins. diam. brs. N. 75-1/2° W. 245 lks. dist. marked T 9 N R 10 E S 4 B T .

Land mountainous;

Soil, rocky, 4 th rate;

Chains

Timber, scattering; oak and cedar.

Mountainous land, 80 chs.

East on a random line bet. Secs. 3 and 10.

40.00

Set temp. 1/4 sec. cor.

79.96

Intersect N. and S. line 21 lks. N. of the cor. of Secs. 2, 3, 10 and 11.

Thence I run

N. 89° 51' W. on a true line bet. Secs. 3 and 10.

Ascending over rough mountains.

18.00

Cross gully 20 lks. wide, course S.

39.75

Cross gully 10 lks. wide, course S.W.

39.98

Set a granite stone 22 x 12 x 9 ins. for 1/4 sec. cor. Marked 1/4 on N. face, 16 ins. in the ground.

Raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

51.00

Cross gully 15 lks. wide, course S.

66.00

Cross gully 10 lks. wide, course S.

72.75

Cross gully 10 lks. wide, course S.

79.96

Cor. of Secs. 3, 4, 9 and 10.

Land mountainous;

Soil, rocky, 4th rate;

Timber, a few scattering cedars and oaks;

Mountainous land, 79.96 chs.

November 23d.

At this cor. I set off 20° 22' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 34° 9' N.

North 0° 2' W. bet. Secs. 3 and 4. on a random line.

40.00

Set temp. 1/4 sec. cor.

80.20

Intersect N. bdy. of Tp. 79 lks. W. of the cor. of Secs. 3, 4, 33 and 34.

As this closing is out of limits, I return to the cor. of 3, 4, 9 and 10 and run N. 0° 2' W. on a true line bet. Secs. 3 and 4.

Ascending over rough mountains.

Chains

North 89° 50' E. on a random line bet. Secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect N. and S. line 16 lks. S. of the cor. of Secs. 14, 15, 22 and 23.

Thence I run

S. 89° 43' W. on a true line bet. Secs. 15 and 22. Ascending E. slope of mountains.

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

11.00 Top of mountains and over rolling mountain tops.

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

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

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

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

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

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

80.04 The cor. of Secs. 15, 16, 21 and 22. Land mountainous 80.04 chs. Soil rocky, 4th rate. No timber. November 22d.

Clouds prevented an observation for lat. today.

North 0° 2' W. bet. Secs. 15 and 16.

Over rolling top of mountain.

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

24.50 Cross wash 25 lks. wide, course S.W.

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

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

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

40.00 Point for 1/4 sec. cor. falls on a conglomerate rock in place 50 ft. by 4 ft. by 3 ft. above ground.

I marked a cross (+) for exact point for 1/4 sec. cor. and 1/4 W. of cross, and raise a mound of stone 2 ft. base 1-1/2 ft. high S.W. of cor. Pits imprac-

Chains	
40.00	<p>Set a granite stone 24 x 12 x 8 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which</p> <p>A cedar 4 ins. diam. brs. S. 32° W. 98 lks. dist. marked 1/4 S 4 B T .</p> <p>No other trees available.</p> <p>Raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits Impracticable.</p>
59.00	<p>Cross gully 10 lks. wide, course S.W.</p>
80.20	<p>Intersect N. bdy. of Tp. 79 lks W. of the cor. of Secs. 3, 4, 33 and 34, and</p> <p>Set a granite stone 28 x 7 x 6 ins. 21 ins. in which cor. I change to refer to two sec. only the ground for closing cor. of Secs. 3 and 4, marked with 3 grooves on E. 3 grooves on W. 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.</p> <p>Land mountainous;</p> <p>Soil, rocky, 4th rate;</p> <p>Timber, scattering cedars;</p> <p>Mountainous land, 80.20</p>
	<p>November 23d, 1904.</p>
	<p>November 24th.</p> <p>At 8 hrs. 0 min A.M. 1.m.t., I set off 34° 4-1/2' N. on the lat. arc 20° 31' S. on the decl. arc, and determine a meridian with the solar at the standard cor. of Secs. 32 and 33 on the S. bdy. of the Tp.</p>
	<p>Thence I run</p> <p>N. 0° 2' W. bet. Secs. 32 and 33, over level land through dense cat claw, oak and arrow brush.</p>
15.00	<p>Cross Rye Creek, dry, 100 lks. wide, course S.E.</p>
26.60	<p>Cross road Globe to Payson, brs. N.W. and S.E.</p>
33.00	<p>Ascend over rolling mountains.</p>
40.00	<p>Set a sand stone 18 x 8 x 6 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face.</p>

M. M. ...

OK

Chains	
	Raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.
64.65	Cross wash 20 lks. wide, course S.W.
74.80	Enter wash, course S.W. 20 lks. wide, and cross and recross same to
78.20	Leave wash, course S.W.
80.00	Set a sand stone 18 x 12 x 6 ins. 12 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 level and mountainous; Soil, rocky and loamy, 2nd and 4th rate; Timber, a few sycamores along Rye Creek. Mountainous land, or land covered with dense undergrowth, 80 chs.
40.00	East on a random line bet. Secs. 28 and 33. Set temp. 1/4 sec. cor.
80.24	Intersect N. and S. line 3 lks. S. of the cor. of Secs. 27, 28, 33 and 34. Thence I run S. 89° 59' W, ^{mathieu line} bet. Secs. 28 and 33. Over rolling mountains, descending general W. slope.
12.30	Cross wash 10 lks. wide, course S.W.
28.00	Cross wash 30 lks. wide, course S.W.
40.12	Set a granite stone 18 x 12 x 8 ins. 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face. Raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.
45.45	Cross wash 10 lks. wide, course S.W.
62.40	Cross wash 30 lks. wide, course S.W.
63.65	Cross wash 10 lks. wide, course S.
77.50	Cross wash 15 lks, wide, course S.W.
80.24	The cor. of Secs. 28, 29, 32 and 33. Land mountainous 80.24 chs. Soil rocky, 4th rate. No timber. November 24th. At this cor. I set off 20° 34' S. on the decl. arc

Chains

and observe the sun on the meridian at noon; the resulting lat. is 34° 5' N. ✓

North 0° 2' W. bet. Secs. 28 and 29.

Ascending along rolling general W. slope of mountains.

- 9.00 Cross wash 10 lks. wide, course W.
 - 22.50 Cross wash 100 lks. wide, course W.
 - 28.30 Cross wash 25 lks wide, course W.
 - 40.00 Set a sandstone 18 x 8 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which
 A mesquite 5 ins diam. brs. N. 72-1/2° W. 398 lks. dist. marked 1/4 S 29 B T, and raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits Impracticable.
 - 48.40 Cross wash 20 lks. wide, course W.
 - 65.50 Cross wash 30 lks. wide, course S.W.
 - 79.55 Cross wash 30 lks. wide, course W.
 - 80.00 Set a sand stone 30 x 10 x 10 ins. 23 ins. in the ground for cor. of Secs. 20, 21, 28 and 29 marked with 4 notches on E. and 2 notches on S. edges; from which
 A mesquite 8 lns diam. brs. S. 0° 12' W .55 lks. dist. marked T 9 N R 10 E S 29 B T . and raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits Impracticable.
 Land mountainous;
 Soil, rocky, 4thrate;
 No timber;
 Mountainous land, 80 chs.
-
- North 89° 59 ' E. on a random line bet secs. 21 and 28.
- 40.00 Set temp. 1/4 sec. cor.
 - 80.16 Intersect N. and S. line 12 lks. N. of the true point for cor. of Secs. 21, 22, 27 and 28 .

Chains	Thence I run
	N. 89° 56' W. bet. Secs. 21 and 28, on a true line.
	Over rolling mountains, descending.
0.20	Cross wash 30 lks. wide, course S.W.
8.90	Cross wash 10 lks. wide, course S.E.
35.65	Cross wash 15 lks wide, course N.W.
40.00	Set a sand stone 18 x 10 x 6 ins. ^{14 ins. in ground} for 1/4 sec.
	cor. marked 1/4 on N. face; from which
	A cedar 6 ins. diam. brs. S. 32° E. 177 lks. dist.
	marked 1/4 S. 28° B T .
	A cedar 8 ins. diam. brs. N. 17° E. 264 lks dist.
	marked 1/4 S 28° B T .
44.00	Cross wash 25 lks. wide, course S.W.
52.00	Cross wash 25 lks wide, course S.W.
58.00	Cross wash 25 lks. wide, course S.W.
79.30	Cross wash 15 lks. wide, course S. 80° W.
80.16	The cor. of Secs. 20 , 21, 28 and 29.
	Land mountainous;
	Soil, rocky, 4th rate;
	Timber, a very few cedars;
	Mountainous land, 80.16 chs.

November 24, 1904.

November 25th.

At 8 hrs. 0 min. A.M. l.m.t. I set off 34° 6' N. on the lat. arc , 20° 42' S. on the decl. arc, and determine a meridian with the solar at the cor of Secs. 20, 21, 28 and 29.

	Thence I run
	N. 0° 2' W. bet. Secs. 20 and 21.
	Over rolling top of mountain.
15.75	Cross wash 10 lks. wide, course W.
30.50	Cross wash 10 lks. wide, course S.W.
34.00	Cross wash 75 lks wide, Course S.W.
40.00	Set a sand stone 16 x 7 x 6 ins. 11 ins. in the
	ground for 1/4 sec. cor. marked 1/4 on W. face;
	from which
	A cedar 8 ins. diam. brs. N. 53° E. 132 lks. dist.

Chains

marked 1/4 S. 21 B T

A cedar 6 ins. diam. brs. S. 61-1/2° W. 478 lks. dist. marked 1/4 S. 20 B T .

57.40 Enter wash, course S.W. and along same.

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

60.00 Leave wash, brs. N.E.

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

80.00 Set a malpais stone 20 x 14 x 6 ins. 15 ins. in the ground for cor. of Secs. 16, 17, 20 and 21, marked with 4 notches on E. and 3 notches on S. edges; from which

A crucifixion 6 ins. diam. brs. S. 64-1/2° E. 150 lks. dist. marked T 9 N R 10 E S 21 B T .

A cedar 4 ins. diam. brs. N85-1/2° W. 141 lks. dist marked T 9 N R 10 E S 17 B T .

Raised a mound of stones 2 ft base, 1 1/2 ft high, 1/2 ft dia. Pile 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. 16 and 21.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect N. an S. line at the cor. of Secs. 15, 16, 21 and 22.

Thence I run

N. 89° 56' W. on a true line bet Secs. 16 and 21.

Over rolling tops of mountains, descending.

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

34.00 Cross wash 10 lks. wide, course N.W.

40.10 Set a sand stone 20 x 10 x 6 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; from which

A cedar 5 ins. diam. brs. S. 20° E. 171 lks. dist. marked 1/4 S 21 B T .

A cedar 6 ins. in diam. brs. N. 15° W. 81 lks. dist. marked 1/4 S 16 B T .

Chains	
48.50	Cross road brs. N. and S. In wash 40 lks. wide, course S.
66.40	Cross wash 10 lks. wide, course S.E.
70.00	Cross wash 10 lks. wide, course S.W.
79.40	Cross wash 10 lks wide, course S.
80.20	The cor. of Secs. 16, 17, 20 and 21.
	NOTE: Clouds prevented an observation for lat. today.
	Land mountainous;
	Soil, rocky, 4th rate;
	Timber, a few cedars;
	Mountainous land, 80.20 chs..
	<hr/>
	North 0° 2' W. bet. Secs. 16 and 17.
	Over rolling mountain.
2.50	Cross wash 5 lks. wide, course S.E.
4.50	Cross same wash 5 lks. wide, course S.W.
13.90	Cross wash 10 lks. wide, course N.W.
23.00	Cross wash 10 lks. wide, course W.
29.50	Cross wash 10 lks wide, course W.
34.25	Cross wash 10 lks. wide, course W.
36.00	Cross wash 10 lks. wide, course W.
39.50	Cross wash 10 lks. wide, course S.W.
40.00	Set a granite stone 18 x 10 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which
	A cedar 4 ins. diam. brs. N. 33° W. 43 lks. dist. marked 1/4 S 17 B T .
	A cedar 6 ins. diam. brs. S. 61-1/2° E. 139 lks. dist. marked 1/4 S 16 B.T.
47.00	Cross wash 10 lks wide, course S.W.
56.50	Cross wash 10 lks. wide, course S.W.
65.00	Cross wash 25 lks wide, course S.W.
71.60	Cross wash 15 lks. wide, course S.W.
76.50	Cross wash 10 lks. wide, course S.W.
80.00	Set a granite stone 18 x 10 x 6 ins. 12 ins. in

Chains

the ground for cor. of Secs. 8, 9, 16 and 17, marked with 4 notches on S. and E. edges; from which

A cedar 12 ins. diam. brs. S. 49° E. 364 lks. dist. marked T 9 N R 10 E S 16 B T .

A cedar 12 ins diam. brs. N. 49° W. 198 lks. dist. marked T 9 N R 10 E S 8 B T .

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 scattering cedars;

Mountainous land, 80 chs.

South 89° 56' E. on a random line bet. Secs. 9 and

16.

40.00
80.24

Set temp 1/4 Sec. Cor.

Intersect N. and S. line 12 lks. N. of the cor.

of Secs. 9, 10, 15 and 16.

Thence I run

N. 89° 51' W. on a true line bet. Secs. 9 and 16.

Over rolling top of mountains.

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

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

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

40.12 Set a lime stone 18 x 10 x 5 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.

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

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

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

75.50 Cross wash 10 lks. wide, course N.W.

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

80.24 The cor. of Secs. 8, 9, 16 and 17.

Land mountainous;

Soil, rocky, 4th rate;

Timber, a few cedars;

Mountainous land, 80.24 chs.

November 25th.

Chains

November 26th.

At 8 hrs. 0 min. A.M. 1.m.t. I set off $34^{\circ} 8' N$ on the lat. arc, $20^{\circ} 54' S$ on the decl. arc and determine a meridian with the solar at the cor. of Secs. 8, 9, 16 and 17.

Thence I run

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

Ascending over rolling mountain.

5.75 Cross gully 10 lks. wide, course S.E.

36.75 Cross gully 10 lks. wide, course S.W.

40.00 Set a lime stone 16 x 12 x 12 ins. 11 ins. in the ground, for $1/4$ sec. cor. marked $1/4$ on W. face; from which

A mesquite 4 ins. brs. S. $78-1/2^{\circ} E.$ 76 lks. dist. marked $1/4 S 9 B T$.

A mesquite 4 ins diam. brs. N. $74-1/2^{\circ} W.$ 19 lks. dist. marked $1/4 S 8 B T$.

66.50 Cross gully 20 lks wide. course S.W.

80.00 Set a granite stone 18 x 14 x 10 ins. 12 ins. in the ground for cor. of Secs. 4, 5, 8 and 9 marked with 4 notches on E. and 5 notches on S. edges; from which

A cedar 6 ins. diam. brs. S. $67^{\circ} E.$ 291 lks. dist. marked T 9 N R 10 E S 9 B T, and raise a mound of stone 2 ft. base $1-1/2$ ft. high W. of cor..

No other trees available. Pits impracticable.

Land mountainous;

Soil, rocky, 4th rate;

Timber, a few scattering cedars;

Mountainous land 80chs.

South $89^{\circ} 51' E.$ on a random line bet. Secs. 4 and 9

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

80.16 Intersect N and S. line 3 lks. N. of the cor.

of Secs. 3, 4, 9 and 10.

Thence I run

$N.89^{\circ} 50' W.$ bet. Secs. 4 and 9 on a true line.

Chains

- Over rough, rolling mountain.
- 23.00 Cross gully 15 lks wide, course S.
- 39.75 Cross gully 10, lks wide, course S.W.
- 40.08 Set a granite stone 24 x 8 x 5 ins. 18 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.
- 43.50 Cross gully 20 lks wide, course S.
- 49.00 Cross gully 10 lks. wide, course S.W.
- 65.50 Cross gully 10 lks. wide, course S.
- 80.16 The cor. of Secs. 4, 5, 8 and 9.
- Land mountainous;
Soil, rocky, 4th rate;
Timber, scattering cedars;
Mountainous land, 80.16 chs.
- November 26th.
- At this cor. Inset off 20° 57-1/2' S. on the decl. arc, and observe the sun on the meridian at noon; the resulting lat. is 34° 9' N.
-
- North 0° 2' W. on a random line bet. Secs. 4 and 5
- 40.00 Set temp. 1/4 sec. cor.
- 80.02 Intersect N. bdy. of Tp. 112 lks. W. of the cor of Secs. 4, 5, 32 and 33.
- In return to the cor. of Secs. 4, 5, 8 and 9;
thence I run
N 0° 2' W. on a true line bet. Secs. 4 and 5.
Ascend over rolling mountains.
- 2.75 Enter gully 20 lks wide, course S.W., and along same.
- 27.25 Leave gully hrs. N.E.
- 31.00 Cross gully 10 lks wide, course S.W.
- 40.00 Set a granite stone 22 x 10, x 4 ins. 16 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.

Chains

66.50 Cross gully 15 lks. wide, course W.
 71.00 Cross gully 10 lks. wide, course S.W.
 80.02 Intersect N. bdy. of Tp. 112 lks. W. of cor. of
 Secs. 32 and 33., *and which cor I change to refer
 to two sec. only.*
 Set a granite stone 30 x 8 x 7 ins. 2¹/₂ ins in
 the ground for a closing cor. of Secs. 4 and 5,
 marked C.C. on S. and 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, 4th rate;

Timber, scattering cedar;

Mountainous land, 80.02 chs.

November 26, 1904.

November 27th.

At 8 hrs. 0 min. A.M. 1.m.t. I set off ^{21° 5 1/2' 8}~~31° 4'~~
 S. on the decl. arc 34° 4-1/2' N. on the lat. arc
 and determine a meridian with solar at the standard
 cor. of Secs. 31 and 32 of the S. bdy. of the Tp.

Thence I run

N. 0° 3' W. bet. Secs. 31 and 32.

Over rolling E. slope of mountain through oak
 and cat claw brush.

1.60 Cross wash 30 lks. wide, course E.
 17.00 Cross wash 30 lks. wide, course E.
 40.00 Set a granite stone 18 x 12 x 6 ins. 12 ins. in
 the ground, for 1/4 sec. cor. marked 1/4 on W. face.
 Dug pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft.
 dist. and raise a mound of earth 3 ft. base, 1-1/2
 ft. high W. of cor.
 44.70 Cross wash 30 lks wide, course E.
 65.20 Cross wash 15 lks. wide, course E.
 80.00 Set a sand stone 20 x 12 x 8 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; from

Chains

which

A cedar 6 ins. diam. brs. N. 75-1/4° W. 394 lks. dist. marked T 9 N R 10 E S 30 B^vT , and raise a mound of stone 2 ft. base 1-1/2 ft. high W^v of cor. Pits impracticable.

Land, mountainous;

Soil, rocky, 4th rate;

Undergrowth, oak.

No timber;

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

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

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line at the cor. of Secs. 28, 29, 32 and 33.

Thence I run

W. on a true line bet. Secs. 29 and 32.

Descending over rough steep broken west slope of mountain.

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

12.00 Cross wash 20 lks. wide, course S.

15.00 Over bottom land through dense cat claw and arrow brush.

40.00 Set a sand stone 18 x 10 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N^v face . Dig pits 18 x 18 x 12 ins. E. and W^v of stone 3 ft. dist. and raise a mound of earth 3-1/2 ft. base 1-1/2 ft. high N^v of cor.

44.70 Cross wash 30 lks. wide, course S.

65.20 Cross wash 15 lks. wide, course S.

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

Land mountainous; and level.

Soil, rocky, 4th rate;

Undergrowth, cat claw and arrow; *brush.*

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

Chains

November 28th.

At this cor. I set off $21^{\circ} 8\text{-}1/2'$ S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ} 5' N$.

West on a random line bet. Secs. 30 and 31.

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

79.38 Intersect N. and S. line 3 lks. N. of the cor. of Secs. 25, 30, 31 and 36.

Thence I run

35.40 N. $89^{\circ} 59'$ E. on a true line bet. Secs. 30 and 31. Descending E. slope through dense brush. Cross wash 10 lks. wide, course S.E.

39.38 Set a granite stone 18 x 12 x 6 ins. 12 ins. in the ground for $1/4$ sec. cor., marked $1/4$ on N. face. Dig pits 18 x 18 x 12 ins. E. and W of stone 3 ft. dist. and raise a mound of earth $3\text{-}1/2$ ft. base, $1\text{-}1/2$ ft. high, N. of cor.

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

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

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

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Undergrowth, oak;

Mountainous land or land covered with dense undergrowth, 79.38 chs.

November 28th.

At 8 hrs. 0 min. A.M. l.m.t. I set off $34^{\circ} 5'$ N. on the lat. arc $21^{\circ} 14\text{-}1/2'$ 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. $0^{\circ} 3'$ W. bet. Secs. 29 and 30.

Along E. slope of mountain.

29.60 Cross wash 20 lks. wide, course E.

40.00 Set a granite stone 18 x 10 x 6 ins. 12 ins. in the ground for $1/4$ sec. cor., marked $1/4$ on W. face.

Chains	<p>✓ Raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.</p>
41.50	Cross wash 12 lks. wide, course S.E.
64.05	Cross wash 20 lks. wide, course E.
80.00	<p>Set a porphyry stone 18 x 12 x 6 ins. 12 ins. in the ground for cor. of Secs. 19, 20, 29 and 30, marked with 2 notches 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.</p> <p>Land mountainous;</p> <p>Soil rocky, 4th rate;</p> <p>No. timber.</p> <p>Undergrowth oak;</p> <p>Mountainous land, or land covered with dense undergrowth, 80 chs.</p>
40.00	<p>East on a random line bet. Secs. 20 and 29. Set temp. 1/4 sec. cor.</p>
80.04	<p>Intersect N. and S. line 33 lks. N. of the cor. of Secs. 20, 21, 28 and 29.</p> <p>Thence I run</p> <p>N. 89° 46' W. on true line bet. Secs. 20 and 29. Descending W. slope of mountains.</p>
18.50	Cross wash 15 lks. wide, course S.W.
30.40	Cross wash 20 lks. wide, course S.W.
40.02	<p>Set a porphyry stone 24 x 8 x 5 ins. 18 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face; from which</p> <p>A mesquite 8 ins' diam. brs. N. 52-1/2° E. 86-lks dist. marked 1/4 S 20 B T and raise a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.</p>
41.80	Over bottom land through dense cat claw and oak brush.
45.75	Cross old road, brs. N. and S.
51.65	Cross road Globe to Payson, brs. N. and S.
56.75	Cross Rye Creek dry 30 lks. wide, course S.
62.50	Ascend bluff 30 ft. high and over rolling

Chains
mountains, ascending.

80.04 The cor. of Secs. 19, 20, 29 and 30.
Land mountainous and level;
Soil, rocky and loamy, 2d and 4th rate;
No timber;
Undergrowth oak and cat claw;
Mountainous land, or land covered with dense un-
dergrowth, 80.04 chs.
November 28th.

/

At this cor. I set off 21° 19' S. on the decl.
arc, and observe the sun on the meridian at noon;
the resulting lat. is 34° 6' N. ✓

South 89° 59' W. on a random line bet. Secs.
19 and 30.

40.00 Set temp. 1/4 sec. cor.

79.07 Intersect W. bdy of Tp. 2 lks. N. of the cor. of
Secs. 19, 24, 25 and 30.

Thence I run
N. 89° 58' E. on a true line bet. Secs. 19 and 30.
Descending over rolling mountains.

14.50 Cross gully 10 lks wide, course S.

39.07 Set a granite stone 18 x 12 x 5 ins. 12 ins. in
the 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.

52.50 Cross gully 15 lks. wide, course S.E.

79.07 The cor. of Secs. 19, 20, 29 and 30.
Land mountainous;
Soil, rocky, 4th rate;
No timber;
Mountainous land, 79.07 chs.

November 28, 1904.

November 29th.

At 8 hrs. 0 min. A.M. l.m.t. I set off 34° 6' N.
on the lat. arc 21° 25' S. on the decl. arc, and

Chains

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.

Along E. slope of mountain.

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

25.00 Cross wash 25 lks. wide, course S.E.

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.

From which

A mesquite 4 ins. diam. brs. S. $69-1/2^{\circ} E.$ 95 lks.
dist. marked 1/4 S 20 B T .

A cedar 6 ins diam. brs. N. $1-1/4^{\circ} W.$ 106 lks.
dist. marked 1/4 S 19 B T .

80.00 Set a granite stone 20 x 12 x 5 ins. 15 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.

From which

A sycamore 8 ins. diam. brs. N. $15^{\circ} E.$ 54 lks.
dist. marked T 9 N R 10 E S 17 B T .

A desert willow 5 ins. diam. brs. S. $51-1/2^{\circ} E.$
117 lks. dist. marked T 9 N R 10 E S 20 B T .

An oak 3 ins diam. brs. S. $4^{\circ} W.$ 25 lks. dist.
marked T 9 N R 10 E S 19 B T .

An oak 3 ins. diam. brs. N. $68-1/2^{\circ} W.$ 52 lks.
dist. marked T 9 N R 10 E S 18 B T .

Land mountainous;

Soil, rocky, 4th rate;

Timber, a few cedars;

Mountainous land, 80 chs.

South $89^{\circ} 46' E.$ on a random line bet. Secs.
17 and 20.

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect N. and S. line 5 lks. N. of the cor.
of Secs. 16, 17, 20 and 21.

Thence I run

N. $20^{\circ} 44'$

Chains	N. 89° 44' W. on a true line bet. Secs. 17 and 20.
21.00	Cross wash 10 lks. wide, course N.W.
32.00	Cross wash 10 lks. wide, course N.W.
35.80	Cross wash 20 lks wide, course S.W.
40.04	Set a sand stone 18 x 10 x 8 ins. 12 ins. in the 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.
51.00	Cross wash 40 lks. wide, course S.W.
57.50	Cross wash 50 lks. wide, course S.W.
62.55	Cross road, N. and S.
62.75	Cross fence, brs. N. and S.
73.70	Cross fence, brs. N. and S.
78.00	Cross Rye Creek dry, 100 lks. wide, course S.W.
80.08	The cor. of Secs. 17, 18, 19 and 20. Land mountainous; and level. Soil, rocky and loamy, 2d and 4th rate; Undergrowth, oak; Mountainous land or land covered with dense undergrowth, 80.08 chs. November 29th. At this cor. I set off 21° 29-1/2' S. on the decl. arc and observe the sun on the meridian at noon. The resulting lat. is 34° 7' N

	S. 89° 58' W. on a random line bet. Secs. 18 and 19.
40.00	Set temp. 1/4 sec. cor.
78.70	Intersect N. and S. line 3 lks. N. of the cor. of Secs. 13, 18, 19 and 24. Thence I run N. 89° 57' E. on a true line bet. Secs. 18 and 19. Descending rolling E. slope of mountain through dense undergrowth.
30.20	Cross fence brs. N.E. and S.W.
38.70	Set a granite stone 26 x 14 x 8 ins. 19 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face;

Chains

from which

A mesquite 9 ins. diam. brs. N. 24-1/2° E. 79 lks.
dist. marked 1/4 S 18 B T .

A mesquite 8 ins. diam. brs. S. 41° W. 55 lks.
dist. marked 1/4 S 19 B T .

- 42.30 Cross fence brs. S.E. and N.W.
- 57.10 Cross fence brs. N.E. and S.W.
- 62.70 Cross wash 80 lks. wide, course N.E.
- 75.70 Cross fence brs. S.E. and N.W.
- 78.70 The cor. of Secs. 17, 18, 19 and 20.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Undergrowth, oak and mesquite;

Mountainous land, or land covered with dense undergrowth, 78.70 chs.

November 29, 1904.

November 30.

At 8 hrs. 30 min. A.M. l.m.t . I set off 34 ° 7' N on the lat. arc 21° 36-1/2' 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° 3' W. bet. Secs. 17 and 18, over level land through dense undergrowth.

0.75 Across Rye Creek, dry, 50 lks. wide, course S.E.

4.60 Cross fence, brs. E. and W.

6.76 A point whence the S.E. cor. of Sam Haught's house brs. N. 51° W.

The S.E. cor. of Sam Haught's store brs. N. 47° W.

12.00 Across fence, brs. E. and W.

12.10 Cross road Globe to Payson, brs. E. and W. and ascend over rolling mountain.

17.34 A point from which the S.E. cor. of Sam Haught's house brs. S. 38-1/2° W.

The S.E. cor. of Sam Haught's store brs. S. 38° W.

Chains	
21.50	Cross wash in bend, course S.E. <i>and</i> N.E., 25 lks. wide.
24.30	Cross wash 25 lks. wide, course S.E.
37.50	Cross wash 5 lks. wide, course S.W.
40.00	Set a granite stone 20 x 12 x 8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face. From which A cedar 6 ins. diam brs. N. 82-1/2° E. 226 lks. dist. marked 1/4 S 17 B T and raise a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.
46.25	Cross wash 25 lks wide, course S.W.
47.50	Cross wash 25 lks wide, course N.W.
49.60	Cross wash 25 lks. wide, course S.E.
80.00	Set a granite stone 18 x 16 x 5 ins. 12 ins. in the ground for cor. of Sec. 7, 8, 17 and 18, marked with 4 notches on S. and 5 notches on E. edges, and raise a mound of stone 2 ft. base, 1-1/2 ft. high E. of cor. Pits impracticable. NOTE: On account of a wash 10 lks. wide just west of the cor., it was impossible to build mound of stone W. of cor. therefore, I place it on E. Land mountainous; Soil, rocky, 4th rate; No timber; Mountainous land, 80 chs. <hr/> South 89° 44' E. on a random line bet. Secs. 8 and 17.
40.00	Set temp. 1/4 sec. cor.
80.04	Intersect N. and S. line 3 lks. N. of the cor. of Secs. 8, 9, 16 and 17. Thence Inrun N. 89° 43' W. on a true line bet. Secs. 8 and 17.
17.00	Cross wash 20 lks. wide, course S.W.
28.70	Cross wash 15 lks. wide, course S.W.
40.02	Set a granite stone 28 x 10 x 8 ins. 21 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face,

Chains

and raised a mound of stones 2 ft. base 1:1/2 ft. high N. of cor. Pits impracticable.

40.15 Cross wash 10 lks: wide, course S.W.

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

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

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

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

80.04 The cor. of Secs. 7,8,17 and 18.

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 80.04 chs.

November 30th.

At this cor. I set off 21° 39-1/2 ' S. on the decl arc and observe the sun on the meridian at noon; the resulting lat. is 54° 8' N. ✓

South 89° 57' W. on a random line bet. Secs.7 and 18.

40.00 Set temp. 1/4 sec. cor.

78.54 Intersect W. bdy. of Tp. 4 lks. N. of the cor. of Secs. 7, 12, 13 and 18.

Thence I run

N.89° 55' E. on a true line bet. Secs. 7 and 18

7.54 Cross wash 5 lks. wide, course S.W.

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

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

38.54 Set a lime stone 20 x 14 x 6 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. 64° E. 82 lks. dist. marked 1/4 S 18' B T .

A cedar 10 ins. diam. brs. N. 25° W. 144 lks dist. marked 1/4 S 18' B T .

46.80 Cross road brs. N. and S. Globe to Payson.

60.25 Cross wash 75 lks wide, course S.E.

65.76 Cross road Globe to Payson, brs. N. and S.

Chains
73.00

Cross wash 5 lks wide, course S.E.

78.44
78.54

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

The cor. of Secs. 7, 8, 17 & 18

Land, mountainous;

Soil, rocky, 4th rate;

Timber, scattering cedars;

Mountainous land, 78.54 chs.

November 30, 1904.

December 1st.

At 8 hrs. 30 min. A.M. I set off 34° 8' N on the lat. arc 21° 46' S. on the decl. arc, and determine a meridian with the solar at the cor. of Secs. 7, 8, 17 and 18.

Thence I run

N. 0° 3' W. bet. Secs. 7 and 8.

Ascending over rolling mountain.

2.25

Cross gully 10 lks. wide, course S.W.

26.50

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

40.00

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

A mesquite 6 ins. diam. brs. S. 11° E. 194 lks. dist. marked 1/4 S 8 B T .

An oak 3 ins. diam. brs. S. 55-1/2° W. 40 lks. dist. marked 1/4 S 7 B T .

40.75

Cross dry creek 60 lks. wide, course S.W.

53.90

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

80.00

Set a granite stone 16 x 10 x 8 ins. 11 ins. in the ground for cor. of Secs. 5, 6, 7 and 8 marked with 5 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;

Timber, scattering cedars and mesquite;

Mountainous land, 80 chs.

Chains

South $89^{\circ} 43' E.$ on a random line bet. Secs. 5 and 8.

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

80.02 Intersect N. and S. line at the cor of Secs. 4, 5, 8, and 9.

Thence I run

N. $89^{\circ} 43' W.$ on a true line bet. Secs. 5 and 8.

Along rolling general S. slope of mountain.

2.40 Cross gully 10 lks. wide, course S.

24.60 Cross gully 15 lks wide, course S.W.

40.01 Set a sand stone $18 \times 10 \times 8$ ins. 12 ins. in the 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.

42.00 Cross gully 15 lks. wide, course S.

61.80 Cross dry creek 60 lks. wide, course S.W.

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

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

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainousland, 80.02 chs.

December 1st.

At this cor. I set off $21^{\circ} 49' S.$ on the decl arc and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ} 9' N.$

South $89^{\circ} 55' W.$ on a random line bet. Secs. 6 and 7

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

78.47 Intersect W. bdy. of Tp. 2 lks. N. of the cor. of Secs. 1, 6, 7 and 12.

Thence I run

N. $89^{\circ} 54' E.$ on a true line bet. Secs. 6 and 7.

Along rolling general S. slope of mountains.

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

33.50 Cross wash 55 lks. wide, course S.W.

38.47 Set a granite stone $20 \times 12 \times 6$ ins. 15 ins. in the ground for $1/4$ sec. cor. marked $1/4$ on N. face.

Chains

And raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.

61.00 Cross wash 50 lks. wide, course S.W.

74.25 Cross dim road, brs. N.E. and S.W.

77.25 Cross gully 10 lks. wide, course S.

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

Land mountainous;

Soil, rocky, 4th rate;

No timber;

Mountainous land, 78.47 chs.

North 0° 3' W. bet. Secs. 5 and 6 on a random line .

40.00 Set temp. 1/4 sec. cor.

79.70 Intersect N. bdy. of Tp. 103 lks. W. of the cor. of Secs. 5, 6, 31 and 32.

I now return to the cor. of ^{Secs.} 5, 6, 7 and 8,

Thence I run

N. 0° 3' W. on a true line bet. Secs. 5 and 6.

5.05 Cross dim road, brs. N.E. and S.W.

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

31.50 Cross wash 50 lks. wide, course S.W.

40.00 Set a granite stone 22 x 10 x 6 ins. 16 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; from which a mesquite 3 ins. diam. brs. N. 24° W. 108 lks. dist. marked 1/4 S 6 B T, and raised a mound of stone 2 ft. base 1-1/2 ft. high W. of cor. Pits impracticable.

47.50 Cross gully 15 lks wide, course S.E.

61.50 Cross gully 10 lks. wide, course S.E.

79.25 Cross gully 15 lks. wide, course S.E.

79.70 Intersect N. bdy. of Tp. 103 lks. W. of the cor of Secs. 31 and 32, and set a granite stone 24 x 12 x 5 ins 18 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, and raised a mound of

Chains

stone 2 ft. base 1-1/2 ft. high S. of cor. Pits
impracticable.

Land mountainous;

Soil, rocky, 4th rate;

Timber, scattering cedar.

Mountainousland 79.70 chs.

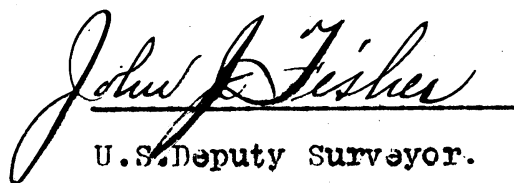
December 1st, 1904

This Tp. is mountainous.

The soil along the bottom lands of Tonto Creek and Rye Creek, is quite fertile. The remainder of the Tp. is rocky and unfit for agricultural purposes, although producing an abundant growth of grass, valuable for grazing purposes.

There is no timber in the Tp. except a few sycamore and cottonwood trees along Tonto Creek and Rye Creek.

There are two settlers in Sec. 25 and 1 each in Secs. 18, 24 and 33.


U.S. Deputy Surveyor.

December 1, 1904.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

117
50

LIST OF NAMES.

BOOK 2068

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. 9 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. Fort 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 the Subdivision lines of Twp. 9 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. Fort Axman.

Joseph Groves Flagman.

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



J. J. Fisher
Notary Public.

My commission expires May 19, 1908

148 53

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

BOOK 2068

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, 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. 9 N. R. 10 E.

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.

John J. Fisher
United States Deputy Surveyor.

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

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, A. T., May 1st, 1905

The foregoing field notes of the survey of the subdivisional lines of T. 9 N., R. 10 E. 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, 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.

