

47
AUG 23 1910

Accepted, S. L. O. letter E
dated Mar. 4 - 1912

Book F. 7

BOOK 2252

2252

2252

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T. 9 N., R. 15 E.

2252

2252

Of the Gila and Salt River Base and Meridian,
Arizona .

AS SURVEYED BY

Jesse B. Wright, United States Deputy Surveyor,

Under his Contract No. 160, dated October 2, 1909, 190

Survey commenced July 21, 1910., 190

Survey completed August 2, 1910., 190

2252

2252

BOOK 2252

INDEX DIAGRAM.

subdivision of
Township 9 North, Range 15 East

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

White Mountain or Fort Apache
 Indian

Meanders Page _____

BOOK 2252 Jⁿ

PRELIMINARY OATHS OF ASSISTANTS.

see Book 6, p. 187. T. S. R. 14 E.

WE, _____ and _____

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

_____, *Chainman.*

_____, *Chainman.*

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



WE, _____ and _____

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

_____, *Moundman.*

_____, *Moundman.*

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



WE, _____ and _____

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

_____, *Axman.*

_____, *Axman.*

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



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

_____, *Flagman.*

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



Chains

Survey commenced July 21, 1910, and executed with A W. & L.E.Gurley light mountain transit, special make, unnumbered, with Burt's patent solar attachment. The horizontal limb of the instrument is provided with two double verniers, placed opposite to each other and each reading to 1' of arc, which is also the least reading of the verniers of the latitude and declination arcs, of the solar attachment.

I begin, as per instructions, at the Standard cor. of secs. 31 & 32, on S. Bdy. of Tp., which is a granite porphyry stone 8x5x6 ins. above ground, marked and witnessed as described by the Surveyor General.

At this cor., I examine and test carefully the adjustments of the transit and solar apparatus, and find same correct. Then in order to test the solar apparatus, by comparing the results of observations on the sun, for meridians, made during p.m. & a.m. hours, with a true meridian determined by observations on Polaris, I proceed as follows :

At 5h p.m., l.m.t., at the cor. above described, I set off 20° 32' N., on the decl. arc, and 34° 4' N. on the lat. arc, and determine a true meridian with the solar, and mark the meridian thus determined by a nail driven in a small oak tree 5 chs. N. of my station.

At 11h 36m p.m., l.m.t., I observe Polaris at Eastern Elong. in accordance with instructions in the Manual, and mark the line thus determined by a tack in a stake driven firmly in the ground 5 chs. N. of my station.

July 21, 1910.

July 22, 1910.

At 6h a.m., l.m.t., I set off the azimuth of Polaris 1° 25' to the West, and mark the true meridian thus determined by a tack driven in the tree 5 chs. N. of my station, which point falls .40 ins. W. of the point in meridian as determined by the solar on preceding evening.

At 7h a.m., l.m.t., I set off 20° 25' N. on the decl. arc, and 34° 4' N. on the lat. arc, and determine a meridian with the solar, and mark the meridian thus determined by a tack driven in the tree 5 chs. N. of my station, which point falls .40 ins. W. of the point in the true meridian established by Polaris observation.

The solar apparatus, by p.m. & a.m. observations, defines positions for meridians, about 21" E. & W., respectively of the meridian determined by Polaris observation. From these observations, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7h a.m. is N. 14° 25' W., the angle thus determined gives the magnetic declination as 14° 25' E.

From the cor. above described, I run, as per instructions, N. 0° 1' E., bet. secs. 31 & 32.

Over mts. land, asc. grad. along broken SE. slope, through heavy oak and juniper timber, with great difficulty.

14.10 Gulch 50 lks. wide, course SE.

16.55 Trail, Young to Ellisons, SE. & NW.

22.65 Trail, brs. NW. & SE.

40.00 Set a granite stone 24x14x12 ins. 13 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which,
An oak tree 12 ins. diam. brs. S. 54° W. 12 lks. dist., marked $\frac{1}{4}$ S. 31 B.T.
An oak tree 12 ins. diam. brs. N. 78° E. 75 lks. dist., marked $\frac{1}{4}$ S. 32 B.T.

45.00 Draw 2 chs. wide, course ESE.

60.00 Top of rise, desc. grad. NW. slope, drainage to WNW.

75.50 Wash 20 lks. wide, course WNW.

80.00 Set a granite stone 24x15x10 ins. 13 ins. in ground for cor. of secs. 29, 30, 31 & 32, marked with 1 notch on S. & 5 notches on E. edges, from which,

| | |
|---------|--|
| Chains. | West, on a random line, bet. secs. 30 & 31. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 79.80 | Intersect W.bdy. of Tp. at point 9 lks. S. of cor. of secs. 25, 30, 31 & 36, which is a sandstone 12x5x6 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run, S. 89° 56' E., on a true line, bet. secs. 30 & 31. Over mts., land, desc., through dense pine and juniper, with great difficulty. |
| 10.00 | Draw, 2 chs. wide, course NNE., |
| 22.00 | Trail, brs. NW. & SE., |
| 25.00 | Gulch 50 lks. wide, course NNE. |
| 39.90 | Set a granite stone 20x10x8 ins. 15 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor., from which, A pine tree 10 ins. diam. brs. N. 20° E. 10 lks. dist., marked $\frac{1}{4}$ S. 30 B.T. A juniper tree 30 ins. diam. brs. S. 50° W. 24 lks. dist., marked $\frac{1}{4}$ S. 31 B.T. |
| | Asc. grad. from cor., over broken ground. |
| 70.00 | Gulch 80 lks. wide, course WNW., asc. |
| 79.80 | To cor. of secs. 29, 30, 31 & 32. Land, mts., broken. Soil, 3rd rate, stony, gravelly. Timber, pine, oak, juniper. Undergrowth, scrub oak, young pine. Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 79.80 chs. At this cor. at 12h 6m p.m., l.m.t., I set off 20° 21 $\frac{1}{2}$ ' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 34° 5' N. |
| | N. 0° 1' E., bet. secs. 29 & 30. Over broken mts. land, asc. grad. through heavy oak, juniper, and pine timber, with great difficulty. |
| 25.00 | Asc. steep SW. slope, of Gentry Mountain. dense scrub oak |
| 40.00 | Set a granite stone 20x10x10 ins. 15 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. No bearings available. Pits impracticable. |
| 75.00 | Top of Gentry Mountain, brs. E. & W. |
| 80.00 | Set a sandstone 24x14x12 ins. 18 ins. in ground for cor. of secs. 19, 20, 29 & 30, marked with 2 notches on S. & 5 notches on E. edges, from which, A juniper tree 24 ins. diam. brs. N. 12° E. 55 lks. dist., marked T. 9 N., R. 15 E. S. 20 B.T. An oak tree 20 ins. diam. brs. S. 68° E. 114 lks. dist., marked T. 9 N., R. 15 E. S. 29 B.T. A juniper tree 30 ins. diam. brs. S. 24 $\frac{1}{2}$ ° W. 79 lks. dist., marked T. 9 N., R. 15 E. S. 30 B.T. An oak tree 30 ins. diam. brs. N. 33 $\frac{1}{4}$ ° W. 86 lks. dist., marked T. 9 N., R. 15 E. S. 19 B.T. |
| | Land, mts., broken. Soil, 3rd rate, stony. Timber, oak, pine, juniper. Undergrowth, scrub oak, pine, manzanita. Mts., land, very rough and broken, heavily timbered or covered with dense undergrowth? exceptionally difficult to survey, 80.00 chs. |

A juniper tree 36 ins.diam.brs. N.82°E. 134 lks.dist.,
marked T. 9 N.,R. 15 E. S. 29 B.T.

A juniper tree 36 ins.diam.brs. S.11½°E.210 lks.dist.,
marked T. 9 N.,R. 15 E. S. 32 B.T.

A juniper tree 30 ins.diam.brs. S.71°W. 83 lks.dist.,
marked T. 9 N.,R. 15 E. S. 31 B.T.

A juniper tree 30 ins.diam.brs. N.25½°W.144 lks.dist.,
marked T. 9 N.,R. 15 E. S. 30 B.T.

Land, mts., broken.

Soil, 3rd rate, gravelly, stony .

Timber, oak, juniper, pine.

Undergrowth, scrub oak, young pine, manzanita.

Mts. land, heavily timbered, and exceptionally difficult
to survey, 80.00 chs.

| | |
|---|--|
| Chains. | N. 89°56' W., on a random line, bet. secs. 19 & 30. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 79.90 | Intersect W. bdy. of Tp. at point 9 lks. N. of cor. of secs. 19, 24, 25 & 30, which is a sandstone 10x3x6 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run, East, on a true line, bet. secs. 19 & 30. Over mts. land, desc. SE. slope, through dense scrub oak, and manzanita, with great difficulty. |
| 8.00 | Gulch 80 lks. wide, course SW, asc. prec. broken W. slope of Gentry Mountain. |
| 39.95 | Set a granite stone 20x10x3 ins. 15 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. No bearings available. Pits impracticable. |
| 61.30 | Top of W. rim of Gentry Mountain, brs. NW. & SE. Old cabin, with sprin, on Pine Creek, brs. S. 26° W. 60 chs. dist. |
| 79.90 | To cor. of secs. 19, 20, 29 & 30. Land, mts., broken. Soil, 3rd rate, stony. Timber, oak, juniper, pine. Undergrowth, scrub oak, manzanita, thorn. Mts., broken land, covered with dense undergrowth, exceptionally difficult to survey, 79.90 chs. July 22, 1910. |
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| July 23, 1910. | |
| At 7h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30, I set off 20° 13' N. on the decl. arc, and 34° 6' N. on the lat. arc, and determine a true meridian with the solar. Thence I run, | |
| N. 0° 1' E., bet. secs. 19 & 20. Over mts. land, desc. grad., over very stony ground, through heavy pine & juniper timber, and dense scrub oak, with great difficulty. | |
| 4.30 | Pine 24 ins. diam. on line, blazed N. & S. |
| 40.00 | Set a sandstone 24x15x10 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which, An oak tree 18 ins. diam. brs. S. 43 $\frac{1}{2}$ ° W. 72 lks. dist., marked $\frac{1}{4}$ S. 19 B.T. A juniper tree 30 ins. diam. brs. N. 13° E. 78 lks. dist., marked $\frac{1}{4}$ S. 20 B.T. |
| 69.00 | N. Rim of Gentry Mountain, brs. E. & W., desc. prec. N. slope. |
| 80.00 | Set a sandstone 20x10x6 ins. 15 ins. in ground for cor. of secs. 17, 18, 19 & 20, marked with 3 notches on S. & 5 notches on E. edges, and from which, A pine tree 20 ins. diam. brs. N. 39 $\frac{1}{2}$ ° E. 7 lks. dist., marked T. 9 N., R. 15 E. S. 18 B.T. A pine tree 20 ins. diam. brs. S. 54° E. 59 lks. dist., marked T. 9 N., R. 15 E. S. 20 B.T. An oak tree 14 ins. diam. brs. S. 68 $\frac{1}{2}$ ° W. 37 lks. dist., marked T. 9 N., R. 15 E. S. 19 B.T.. An oak tree 14 ins. diam. brs. N. 13° W. 33 lks. dist., marked T. 9 N., R. 15 E. S. 13 B.T. Land, mts. Soil, 3rd rate, stony. Timber, pine, oak, juniper, heavy. Undergrowth, scrub oak, young pine. Mts. land, heavily timbered, and covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs. |

| | |
|---------|---|
| Chains. | West, on a random line, bet. secs. 18 & 19. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 80.00 | Intersect W.bdy. of Tp. at point 5 lks. S. of cor. of secs. 13, 18, 19 & 24, which is a sandstone 8x6x6 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run, S. $89^{\circ}58'$ E., on a true line, bet. secs. 18 & 19. Over mts. land, desc. prec. E. slope, through dense scrub oak, with great difficulty: |
| 3.00 | Gulch 50 lks. wide, course SE., asc. prec. |
| 10.00 | Top of spur, brs. SE. & NW., desc. SE. slope. |
| 32.00 | Box Canyon, Crouch Creek, 3 chs. wide, 200 ft. deep, course S., asc. prec. |
| 40.00 | Set a sandstone 36x12x10 ins, on bed-rock, in mound of stone for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone 4 ft. base, 3 ft. high N. of cor., from which, A juniper tree 20 ins. diam. brs. N. 63° E. 52 lks. dist., marked $\frac{1}{4}$ S. 18 B.T. A juniper tree 24 ins. diam. brs. S. 42° W. 99 lks. dist., marked $\frac{1}{4}$ S. 19 B.T. |
| 41.00 | Gulch 50 lks. wide, course SSW., asc. steep NW. slope, through dense manzanita, scrub oak, and heavy pine. |
| 80.00 | To cor. of secs. 17, 18, 19 & 20. Land, mts. broken. Soil, 3rd rate, stony, gravelly. Timber, oak, pine, juniper. Undergrowth, scrub oak, pine, manzanita. Mts. land, very rough and broken, heavily timbered and covered with dense undergrowth, and exceptionally difficult to survey, 80.00 chs. At this cor. at 12h 5m p.m., 1.m.t., I set off $20^{\circ} 9\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $34^{\circ} 7'$ N. |
| | N. $0^{\circ} 1'$ E., bet. secs. 17 & 18. Over mts. land, desc. steep N. slope, through dense a pine timber, with great difficulty. |
| 20.00 | Enter flat brs. E. & W., and dense small pine. |
| 39.00 | Main wash, 2 chs. wide, course WSW., asc. grad. broken ground. |
| 40.00 | Set a granite stone 24x10x8 ins. 13 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. |
| 43.00 | Spur, brs. ESE. & WNW., desc. along ESE slope. |
| 53.00 | Gulch 50 lks. wide, course SE., asc. steep, stony S. slope. |
| 80.00 | Set a granite stone, 23x10x3 ins., on bed-rock, in mound of stone for cor. of secs. 7, 8, 17 & 18, marked with 4 notches on S. & 5 notches on E. edges, and from which, A juniper tree 8 ins. diam. brs. N. 33° E. 23 lks. dist., marked T. 9 N., R. 15 E. S. 8 B.T. A juniper tree 15 ins. diam. brs. S. $42\frac{1}{2}^{\circ}$ E. 93 lks. dist., marked T. 9 N., R. 15 E. S. 17 B.T. A juniper tree 30 ins. diam. brs. S. 5° W. 39 lks. dist., marked T. 9 N., R. 15 E. S. 18 B.T. A juniper tree 14 ins. diam. brs. N. 12° W. 59 lks. dist., marked T. 9 N., R. 15 E. S. 7 B.T. Land, mts., broken. Soil, 3rd rate, stony, gravelly. Timber, oak, juniper, pine. Undergrowth, scrub oak, pine. Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs. |

Chains.

N. 39° 53' W., on a random line, bet. secs. 7 & 13.
 40.00 Set temp. 1/4 sec. cor.
 79.94 Intersect W. bdy. of Tp. at point 30 lks. S. of cor. of
 secs. 7, 12, 13 & 18, which is a porphyry stone 10x5x6 ins.
 above ground, marked and witnessed as described by the
 Surveyor General, whence I run,
 S. 39° 45' E., on a true line, bet. secs. 7 & 18.
 Over mts. land, desc., through dense oak, juniper &
 pine timber, with great difficulty. along SSE. slope.
 6.00 Ridge, brs. SSE. & NNW.
 16.00 Gulch 50 lks. wide, course NNW., asc.
 26.00 Ridge, brs. N. & S., desc. steep.
 39.97 Set a porphyry stone 24x14x10 ins. 13 ins. in ground for
 1/4 sec. cor., marked 1/4 on N. face, from which,
 An oak tree 12 ins. diam. brs. S. 32° W. 90 lks. dist.,
 marked 1/4 S. 18 B.T.
 An oak tree 6 ins. diam. brs. N. 52° W. 31 lks. dist.,
 marked 1/4 S. 7 B.T.
 53.00 Gulch 30 lks. wide, course SE. asc.
 60.00 SE. point of spur, brs. SE. & NW.
 64.00 Gulch 50 lks. wide, Crouch creek, course S. small stream
 of running water. Asc.
 66.00 Asc. steep SW. slope.
 79.94 To cor. of secs. 7, 8, 17 & 18.
 Land, mts., broken.
 Soil, 3rd rate, stony.
 Timber, oak, pine, juniper.
 Undergrowth, scrub oak, manzanita, pine.
 Mts. land, heavily timbered or covered with dense under-
 growth, exceptionally difficult to survey, 79.94 chs.
 July 23, 1910.

July 24, 1910.

At 7h a.m., 1.m.t., At the cor. of secs. 7, 8, 17 & 18;

I set off 20° 1' N. on the decl. arc, and 34° 8' N. on the lat. arc, and determine a true meridian with the solar.

Thence I run,

N. 0° 1' E., bet. secs. 7 & 8.

Over mts. land, asc. steep, stony SW. slope, through dense scrub oak and pine timber, with great difficulty.

5.00 Top of W. side of high rocky butte, brs. E. & W., desc. steep NW. slope.

19.00 Gulch, head of Crouch creek, spring in same on line, course SSW., asc. grad. through heavy pine & oak.

40.00 Set a granite stone 20x12x10 ins. 15 ins. in ground for 1/4 sec. cor., marked 1/4 on W. face, and from which,
A pine tree 36 ins. diam. brs. N. 35° W. 73 lks. dist.,
marked 1/4 S. 7 B.T.

A pine 36 ins. diam. brs. S. 45° E. 91 lks. dist.,
marked 1/4 S. 8 B.T.

44.20 Head of draw, course SSE.,

60.00 Draw 50 lks. wide, course SSW., near head.

As pt. for cor. of secs. 5, 6, 7 & 8, will fall in road, at

79.33 Set a sandstone 24x12x8 ins. 18 ins. in ground for witness cor. to cor. of secs. 5, 6, 7 & 8, marked W.C. on NE. face, with 5 notches on S. & E. edges, and raise a mound of stone 4 ft. base, 3 ft. high W. of cor., from which,
An oak tree 18 ins. diam. brs. S. 60° E. 89 lks. dist.,
marked T. 9 N., R. 15 E. S. 8 W.C. B.T.

An oak tree 15 ins. diam. brs. S. 85° W. 100 lks. dist.,
marked T. 9 N., R. 15 E. S. 7 W.C. B.T.

A pine tree 24 ins. diam. brs. N. 46° W. 131 lks. dist.,
marked T. 9 N., R. 15 E. S. 6 W.C. B.T.

80.00 Cor. point falls in road, Ellisons to Young, brs. ESE. & WNW.

Land, mts., broken. Soil, 3rd rate, stony, gravelly.

Timber, oak, pine, juniper. Undergrowth, scrub oak, pine.

Mts. land, heavily timbered, and exceptionally difficult to survey, 80.00 chs.

54

Chains. From true point for cor. of secs. 5, 6, 7 and 8, I run, N. 89° 45' W., on a random line, bet. secs. 6 & 7.

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

79.84 Insect West bdy. of Tp. at point 21 lks. N. of cor. of secs. 1, 6, 7 & 12, which is a porphyry stone 10x8x6 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run, S. 89° 54' E., on a true line, bet. secs. 6 & 7. Over mts., land, asc. SW. slope, through pine, juniper & oak timber, with great difficulty. dense small pine and scrub oak. Along N. side of Gulch, course West.

33.54 Road, top of ridge, Holbrook to Young, brs. NW. & SE.

39.92 Set a sandstone 13x8x6 ins., 12 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor., from which, A pine tree 30 ins. diam. brs. N. 21 $\frac{1}{2}$ ° W. 123 lks. dist., marked $\frac{1}{4}$ S. 6 B.T. A pine tree 30 ins. diam. brs. S. 36° E. 24 lks. dist., marked $\frac{1}{4}$ S. 7 B.T.

43.50 Gulch 40 lks. wide, course NW., asc.

61.75 Road, brs. NE. & SW., on top of ridge, desc.

62.63 Pine tree 30 ins. diam. on line, blazed E. & W.

79.84 To cor. point of secs. 5, 6, 7 & 8. Land, mts., broken. Soil, 3rd rate, stony. Timber, pine, juniper, oak. Undergrowth, scrub oak, pine. Mts. land, heavily timbered, exceptionally difficult to survey, 79.84 chs. At this cor. at 12 h 6m p.m., l.m.t., I set off 19° 57' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 34° 9' N.

8

From the cor. point for cor. of secs. 5, 6, 7 & 8, I run, N. 0° 1' E., on a random line, bet. secs. 5 & 6.

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

79.66 Intersect N. bdy. of Tp. at cor. of secs. 5, 6, 31 & 32, whence I run, S. 0° 1' W., on a true line, bet. secs. 5 & 6. Over mts. land, desc. stony S. slope, through pine, oak and juniper timber, with great difficulty.

15.00 Enter dry creek, course WSW.

17.00 Leave creek and asc. steep.

30.00 Top of steep asc.

39.66 Set a quartzite stone 24x12x8 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which, A pine tree 20 ins. diam. brs. S. 39 $\frac{1}{2}$ ° E. 45 lks. dist., marked $\frac{1}{4}$ S. 5 B.T. A pine tree 18 ins. diam. brs. S. 43° W. 64 lks. dist., marked $\frac{1}{4}$ S. 6 B.T.

45.00 Top of flat ridge, brs. W. & E., desc. grad.

47.81 Pine tree 30 ins. diam., on line, blazed N. & S.

49.16 Gulch 50 lks. wide, course W., asc.

55.00 Ridge, brs. W. & E., desc.

74.15 Gulch 40 lks. wide, course WNW. asc. grad.

75.66 Bottle Spring, a fine permanent spring of clear water, on line.

79.66 To cor. point of cor. of secs. 5, 6, 7 & 8. Land, mts., broken. Soil, 3rd rate, stony. Timber, pine, oak, juniper. Undergrowth, scrub oak, pine. Good grazing. Mts. land, heavily timbered, exceptionally difficult to survey, 79.66 chs.

July 24, 1910.

Subdivision of T. 9 N., R. 15 E.

Chains.

July 25, 1910.

At 7h a.m., l.m.t., at the Standard cor. of secs. 32, & 33, on the S. bdy. of Tp., which is a granite porphyry stone 8x6x6 ins. above ground, marked and witnessed as described, by the Surveyor General,

I set off 34° 4' (N., on the lat. arc, and 19° 43' N. on the decl. arc, and determine a true meridian with the solar. Thence I run,

N. 0° 1' E., bet. secs. 32 & 33.

Over mts. land, asc. grad., through dense oak, and juniper, with great difficulty.

40.00 Set a granite stone 20x12x10 ins. 15 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which, An oak tree 12 ins. diam. brs. N. 60° W. 100 lks. dist., marked $\frac{1}{4}$ S. 32 B.T.

A juniper tree 12 ins. diam. brs. S. 33° E. 93 lks. dist., marked $\frac{1}{4}$ S. 33 B.T.

66.35 Wash, 40 lks. wide, course SSE.

70.00 Asc. stony S. slope. dense scrub oak.

80.00 Set a granite stone 20x12x6 ins. 15 ins. in ground for cor. of secs. 28, 29, 32 & 33, marked with 1 notch on S. & 4 notches on E. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which,

An oak tree 10 ins. diam. brs. S. 35 $\frac{1}{2}$ ° W. 69 lks. dist., marked T. 9 N., R. 15 E. S. 32 B.T.

A juniper tree 40 ins. diam. brs. S. 53° E. 173 lks. dist., marked T. 9 N., R. 15 E. S. 33 B.T.

An oak tree 12 ins. diam. brs. N. 23 $\frac{1}{2}$ ° E. 23 lks. dist., marked T. 9 N., R. 15 E. S. 28 B.T.

A juniper tree 24 ins. diam. brs. N. 75° W. 132 lks. dist., marked T. 9 N., R. 15 E. S. 29 B.T.

Land, mts.,
Soil, 3rd rate, stony.
Timber, oak, pine, juniper. Undergrowth, scrub oak.
Mts. land, heavily timbered, exceptionally difficult to survey, 80.00 chs.

West, on a random line, bet. secs. 29 & 32.

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

79.70 Intersect N. & S. line at point 24 lks. N. of cor. of secs. 29, 30, 31 & 32, whence I run, N. 89° 50' E., on a true line, bet. secs. 29 & 32, Over mts., land, asc. grad., along broken stony S. slope through dense oak & juniper, with great difficulty.

8.90 Wash 20 lks. wide, course SSW.

39.35 Set a granite stone 20x12x10 ins. 15 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. from which, A juniper tree 36 ins. diam. brs. S. 39 $\frac{1}{2}$ ° W. 80 lks. dist., marked $\frac{1}{4}$ S. 32 B.T.

A juniper tree 20 ins. diam. brs. N. 32° W. 66 lks. dist., marked $\frac{1}{4}$ S. 29 B.T.

48.00 Top of high knoll brs. N. & S., desc.

63.00 Gulch 50 lks. wide, course ESE., asc. stony SW. slope.

79.70 To cor. of secs. 28, 29, 32 & 33.

Land, mts. broken. Soil, 3rd rate, stony.
Timber, oak, juniper, some pine. Undergrowth, scrub oak.
Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 79.70 chs.
At this cor. at 12h 6m p.m., l.m.t., I set off 19° 44 $\frac{1}{2}$ ' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 34° 5' N.

Chains. N. 0° 1' E., bet. secs. 28 & 29.
 Over mts. land, asc. grad., through heavy juniper and oak timber, with great difficulty.

15.00 Asc. steep, stony S. slope of Gentry Mountain.

40.00 Top of divide, bet. Shell Mountain, and Gentry Mountain, brs. E. & W., Enter heavy pine timber.
 Set a granite stone 24x12x10 ins. 18 ins. in 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., from which,
 A juniper tree 20 ins. diam. brs. S. 34° W. 134 lks. dist., marked 1/4 S. 29 B.T.
 A juniper tree 24 ins. diam. brs. S. 31° E. 64 lks. dist., marked 1/4 S. 28 B.T.

50.00 Desc. prec. NE. slope.
 Head of canyon, course NE., into Gentry creek.
 Asc. broken SE. slope of Gentry Mountain, very rough granite ledges, dense scrub oak .

76.00 Canyon 50 lks. wide, course SE. near head.

78.00 Top of SE. rim of Gentry Mountain, brs. NE. & SW.

80.00 Set a granite stone 20x12x6 ins. 15 ins. in ground for cor. of secs. 20, 21, 28 & 29, marked with 2 notches on S. & 4 notches on E. edges, from which,
 An oak tree 10 ins. diam. brs. N. 43° E. 24 lks. dist., marked T. 9 N., R. 15 E. S. 21 B.T.
 A juniper tree 50 ins. diam. brs. S. 31° E. 104 lks. dist., marked T. 9 N., R. 15 E. S. 28 B.T.
 An oak tree 14 ins. diam. brs. S. 41° W. 85 lks. dist., marked T. 9 N., R. 15 E. S. 29 B.T.
 A pine tree 36 ins. diam. brs. N. 43° W. 62 lks. dist., marked T. 9 N., R. 15 E. S. 20 B.T.

Land, mts. Soil, 3rd rate, stony.
 Timber, juniper, pine, oak.
 Undergrowth, scrub oak, pine, manzanita,, thorn.
 Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs.

S. 39° 50' W., on a random line, bet. secs. 20 & 29.

40.00 Set temp. 1/4 sec. cor.

79.72 Intersect N. & S. line at point 5 lks. S. of cor. of secs. 19, 20, 29 & 30, whence I run,
 N. 39° 52' E., on a true line, bet. secs. 20 & 29.
 Over rolling stony land, on top of Gentry Mountain, through heavy pine, oak & juniper timber, with great difficulty.

39.36 Set a sandstone 20x12x4 ins. 15 ins. in 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., from which;
 An oak tree 24 ins. diam. brs. N. 12° W. 61 lks. dist., marked 1/4 S. 20 B.T.
 A pine tree 18 ins. diam. brs. S. 13 1/2° W. 75 lks. dist., marked 1/4 S. 29 B.T.

68.00 Gulch 20 lks. wide, course NE.

72.00 Gulch 25 lks. wide, course SE.

79.72 To cor. of secs. 20, 21, 28 & 29.
 Land, mts., rolling.
 Soil, 3rd rate, stony.
 Timber, heavy pine, oak, & juniper.
 Undergrowth, dense scrub oak & young pine.
 Rolling land, heavily timbered, and covered with dense undergrowth, exceptionally difficult to survey, 79.72 chs.
 July 25, 1910.

Chains.

July 26, 1910.

At 7h a.m., l.m.t., I set off $19^{\circ}35'$ N., on the decl. arc, and $34^{\circ}6'$ N., on the lat. arc, and determine a true mer. with the solar at cor. of secs. 20, 21, 28 & 29, Thence I run,

N. $0^{\circ}1'$ E., bet. secs. 20 & 21.

Over broken, stony, rolling land, on top of Gentry mtn., through heavy pine, oak, & juniper, with great difficulty

40.00 Set a granite stone $20 \times 10 \times 6$ ins. 15 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which, A pine tree 20 ins. diam. brs. S. 20° E. 35 lks. dist., marked $\frac{1}{4}$ S. 21 B.T.

No other tree available.

Mean elevation of top of Gentry Mountain about 6200 ft.

46.00 N. rim of Gentry Mountain, brs. NW. & SE., desc. prec. on spur, runs N. from rim.

70.00 Low saddle on spur, brs. N. & S., asc.

30.00 Set a syenite stone $20 \times 12 \times 10$ ins. on bed-rock, in mound of stone for cor. of secs. 16, 17, 20 & 21, marked with 3 notches on S. & 4 notches on E. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which,

A pine tree 12 ins. diam. brs. N. 30° E. 22 lks. dist., marked T. 9 N., R. 15 E. S. 16 B.T.

An oak tree 15 ins. diam. brs. S. 22° E. 31 lks. dist., marked T. 9 N., R. 15 E. S. 21 B.T.

A pine tree 8 ins. diam. brs. S. $19\frac{1}{2}^{\circ}$ W. 32 lks. dist., marked T. 9 N., R. 15 E. S. 20 B.T.

A pine tree 3 ins. diam. brs. N. 46° W. 15 lks. dist., marked T. 9 N., R. 15 E. S. 17 B.T.

Land, mts., broken, rolling. Soil, 3rd rate, stony.

Timber, oak, pine, juniper. Undergrowth, scrub oak, young pine, manzanita, thorn.

Mts. broken, or rolling lan, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs.

Cor. on top of knoll, brs. N. & S. Elev. about 5500 ft.

40.00 S. $39^{\circ}52'$ W., on a random line, bet. secs. 17 & 20. Set temp. $\frac{1}{4}$ sec. cor.

79.30 Intersect N. & S. line at point 9 lks. N. of cor. of secs. 17, 18, 19 & 20, whence I run,

N. $39^{\circ}43'$ E., on a true line, bet. secs. 17 & 20.

Over very rough broken mts. land, along N. slope of Gentry mountain, through dense oak, pine timber, and dense scrub oak, with great difficulty.

5.00 Gulch 150 lks. wide, near head, course NW., asc. prec. WNW. slope, very stony ground.

39.90 Set a granite stone $20 \times 10 \times 10$ ins. 15 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which, A pine tree 6 ins. diam. brs. S. 3° E. 31 lks. dist., marked $\frac{1}{4}$ S. 20 B.T.

A pine tree 40 ins. diam. brs. N. 4° E. 64 lks. dist., marked $\frac{1}{4}$ S. 17 B.T.

Desc. prec. NE. slope.

73.00 Gulch 50 lks. wide, course N. asc.

79.30 To cor. of secs. 16, 17, 20 & 21.

Land, mts, very rough and broken.

Soil, 3rd rate, stony.

Timber, oak, pine, juniper.

Undergrowth, scrub oak, young pine, manzanita,

Mts. land, heavily timbered and covered with dense undergrowth, exceptionally difficult to survey, 79.30 chs.

At this cor. at 12h 6m p.m., l.m.t., I set off $19^{\circ}31\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian.

The resulting lat. is $34^{\circ}7'$ N.

Chains N. 10° 1' E., bet. secs. 16 & 17.
 Over mts, land, desc. through heavy pine, timber, and dense scrub oak and young pine, with great difficulty.
 6.00 Gulch 80 lks. wide, course ESE., asc. broken, stony S. slope.
 40.00 Set a syenite stone 20x10x3 ins. 15 ins. in ground for 1/4 sec. cor., marked 1/4 on W. face, from which,
 An oak tree 14 ins. diam. brs. N. 54 1/2° E. 56 lks. dist., marked 1/4 S. 16 B.T.
 An oak tree 12 ins. diam. brs. S. 31° W. 62 lks. dist., marked 1/4 S. 17 B.T.
 41.00 Gulch 30 lks. wide, course SW.
 47.00 Gulch 50 lks. wide, course SSW.
 71.00 Top of ridge, brs. SW. & NE. desc.
 80.00 Set a sandstone 24x10x3 ins. 18 ins. in ground for cor. of secs. 8, 9, 16 & 17, marked with 4 notches on S. & E. edges, from which,
 A pine tree 24 ins. diam. brs. N. 36 1/2° E. 126 lks. dist., marked T. 9 N., R. 15 E. S. 9 B.T.
 A juniper tree 36 ins. diam. brs. S. 37 1/2° E. 91 lks. dist., marked T. 9 N., R. 15 E. S. 16 B.T.
 A pine tree 24 ins. diam. brs. S. 46° W. 26 lks. dist., marked T. 9 N., R. 15 E. S. 17 B.T.
 A pine tree 14 ins. diam. brs. N. 34° W. 60 lks. dist., marked T. 9 N., R. 15 E. S. 8 B.T.
 Land, mts.
 Soil, 3rd rate, stony.
 Timber, oak, pine, juniper.
 Undergrowth, scrub oak, pine, manzanita. Fair grazing.
 Mts. land, heavily timbered, or covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs.

S. 89° 48' W., on a random line, bet. secs. 8 & 17
 40.00 Set temp. 1/4 sec. cor.
 79.80 Intersect N. & S. line at point 16 lks. S. of cor. of secs. 7, 8, 17 & 18, whence I run,
 N. 39° 55' E., on a true line bet. secs. 8 & 17.
 Over mts. land, along steep, stony s. slope, through heavy juniper timber, and dense scrub oak, with great difficulty.
 6.00 Desc. steep, broken SE. slope.
 17.00 Juniper tree 50 ins. diam., on line, blazed E. & W.
 20.26 Gulch 20 lks. wide, course SE., thence along S. slope.
 33.00 Gulch 20 lks. wide, course S. asc.
 38.00 desc.
 39.90 Set a syenite stone 20x12x8 ins. 15 ins. in ground for 1/4 sec. cor., marked 1/4 on N. face, from which,
 An oak tree 15 ins. diam. brs. S. 60° W. 15 lks. dist., marked 1/4 S. 17 B.T.
 An oak tree 20 ins. diam. brs. N. 30° W. 34 lks. dist., marked 1/4 S. 8 B.T.
 44.00 Gulch 80 lks. wide, course SSW. asc.
 47.00 N. point of butte, brs. N. & S., desc.
 58.00 Gulch 30 lks. wide, course WNW. asc.
 79.80 To cor. of secs. 8, 9, 16 & 17.
 Land, mts., broken. Soil, 3rd rate, stony.
 Timber, oak, pine, juniper.
 Undergrowth, scrub oak, pine, .
 Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 79.80 chs.
 July 26, 1910.

Chains.

July 27, 1910.
 At 7h a.m., l.m.t., at the cor. of secs. 8, 9, 16 & 17,
 I set off 19° 22' N. on the decl. arc, and 34° 8' N. on
 the lat., arc, and determine a true meridian with the solar,
 Thence I run,
 N. 0° 1' E., bet. secs. 8 & 9.
 Over mts. land, asc. grad., through dense, heavy pine,
 juniper and oak, timber, with great difficulty.

40.00 Set a sandstone 20x10x10 ins. 15 ins. in ground for
 1/4 sec. cor., marked 1/4 on W. face, from which,
 A pine tree 3 ins. diam. brs. N. 32° E. 95 lks. dist.,
 marked 1/4 S. 9 B.T.
 A juniper tree 14 ins. diam. brs. S. 30° W. 43 lks. dist.,
 marked 1/4 S. 8 B.T.

63.93 Pine tree 24 ins. diam. on line, blazed, N. & S.
 67.93 Road, brs. NW. & SE.

80.00 Set a sandstone 24x10x6 ins. 13 ins. in ground for
 cor. of secs. 4, 5, 8 & 9, marked with 5 notches on S &
 4 notches on E. edges, and from which,
 A pine tree 24 ins. diam. brs. N. 56 1/4° E. 134 lks. dist.,
 marked T. 9 N., R. 15 E. S. 4 B.T.
 A pine tree 24 ins. diam. brs. S. 35 1/2° E. 72 lks. dist.,
 marked T. 9 N., R. 15 E. S. 9 B.T.
 A pube tree 30 ins. diam. brs. S. 70° W. 98 lks. dist.,
 marked T. 9 N., R. 15 E. S. 8 B.T.
 A pine tree 24 ins. diam. brs. N. 61° W. 63 lks. dist.,
 marked T. 9 N., R. 15 E. S. 5 B.T.

) Land, mts. Soil, 3rd rate, stony, gravelly.
 Timber, heavy pine, juniper & oak.
 Undergrowth, scrub oak, young pine. Good grazing.
 Mts. land, heavily timbered, exceptionally difficult
 to survey, 80.00 chs.

S. 39° 55' W., on a random line, bet. secs. 5 & 8

40.00 Set temp. 1/4 sec. cor.

79.70 Intersect N. & S. line at pint 12 lks. S. of true pt. for cor.
 of secs. 5, 6, 7 & 8, whence I run,
 East, on a true line, bet. secs. 5 & 8.
 Over mts. land, asc. grad., through heavy pine, oak
 and juniper, timber, with great difficulty.

8.00 Road, brs. ENE. & WSW.

(6.70 Log cabin, abandoned, brs. N. 50 lks. dist.

10.20 Circular corral, 4 chs. N.

17.70 Road, brs. ESE. & WNW.

30.10 Road, brs. NE. & SW.

39.35 Set a sandstone 24x12x4 ins. 13 ins. in 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., from which,
 A juniper tree 30 ins. diam. brs. N. 12° W. 106 lks. dist.,
 marked 1/4 S. 5 B.T.
 An oak tree 8 ins. diam. brs. S. 13° E. 23 lks. dist.,
 marked 1/4 S. 8 B.T.

45.00 Ridge, brs. S. & N., desc.

61.70 Gulch 50 lks. wide, course S., near head.

72.00 Road, top of ridge, brs. S. & N. desc.

79.70 To cor. of secs. 4, 5, 8 & 9.
 Land, mts,
 Soil, 3rd rate, gravelly, stony.
 Timber, pine, juniper, oak.
 Undergrowth, scrub oak, young pine.
 Mts. land, heavily timbered, exceptionally difficult
 to survey, 79.70 chs. /

At this cor. at 12h 6m p.m., l.m.t., I set off 19° 18' N. on
 the decl. arc, and observe the sun on the meridian.
 The resulting lat. is 34° 8 1/2' N.

Chains.

N. 0° 1' E., on a random line, bet. secs. 4 & 5.

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

79.60 Intersect N. bdy. of Tp. at point 26 lks. W. of cor. of
secs. 4, 5, 32 & 33, whence I run,
S. 0° 12' W., on a true line, bet. secs. 4 & 5.
Over mts. land, desc. through heavy pine & oak timber,
and dense scrub oak & pine, with great difficulty.

9.40 Piine tree 36 ins. diam. on line, blazed N & S.

9.50 Road, brs. NW. & SE.

19.00 Gulch 50 lks. wide, course NW., asc.

39.60 Top of flat ridge, brs. NW. & SE.
Set a sandstone 24x10x10 ins. on bed-rock, in mound of
stone for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which,
A juniper tree 14 ins. diam. brs. N. 12 $\frac{1}{2}$ ° E. 43 lks. dist.,
marked $\frac{1}{4}$ S. 4 B.T.
A pine tree 12 ins. diam. brs. N. 37 $\frac{1}{2}$ ° W. 66 lks. dist.,
marked $\frac{1}{4}$ S. 5 B.T.

60.00 Desc. grad.

75.60 Gulch 50 lks. wide, course SE. asc. grad.

79.60 To cor. of secs. 4, 5, 8 & 9.
Land, mts.
Soil, 3rd rate, stony, gravelly.
Timber, oak, pine, juniper.
Undergrowth, scrub oak, young pine. Good grazing.
Mts. land, heavily timbered, exceptionally difficult
to survey, 79.60 chs.

July 27, 1910.

| Chains. | |
|---------|---|
| | <p>July 23, 1910.</p> <p>At 7h a.m., l.m.t., at the Std. cor. pt. of secs. 33 & 34, on S. bdy. of Tp., 1 ch. W. of the witness cor. to cor. of secs. 33 & 34, which is a sandstone, 8x6x6 ins. above ground, marked and witnessed as described by the Surveyor General, I set off 19° 8' N., on the decl. arc, and 34° 4' N. on the lat. arc, and determine a true meridian with the solar. Thence I run,</p> <p>N. 0° 2' E., bet. secs. 33 & 34.</p> <p>Over mts. land, asc. grad., through heavy juniper and pine timber, with great difficulty, dense young pine.</p> |
| 6.00 | Wash 80 lks. wide, course SSE. |
| 40.00 | Set a quartzite stone 24x12x6 ins. 13 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., No bearings available. Pits, impracticable. Leave timber. |
| 54.90 | Wire fence, brs. ESE. & WNW. corners 3 chs. W. and runs WSW. asc. stony S. slope. |
| 76.00 | Top of Spur, brs. SW. & NE. |
| 80.00 | Set a quartzite stone 24x15x12 ins. 13 ins. in ground for cor. of secs. 27, 23, 33 & 34, marked with 1 notch on S. & 3 notches on E. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which, An oak tree 10 ins. diam. brs. N. 64° E. 13 lks. dist., marked T. 9 N., R. 15 E. S. 27 B.T. An oak tree 24 ins. diam. brs. S. 10° E. 125 lks. dist., marked T. 9 N., R. 15 E. S. 34 B.T. No other bearings available. Pits, impracticable. Land, mts. Soil, 3rd rate, stony. Timber, pine, oak, juniper. Undergrowth, scrub oak, young pine. Mts. land, exceptionally difficult to survey, 80.00 chs. |
| | West, on a random line, bet. secs. 23 & 33. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 79.74 | Intersect N. & S. line at point 23 lks. N. of cor. of secs. 23, 29, 32 & 33, whence I run, N. 39° 50' E., on a true line, bet. secs. 23 & 33. Over mts. land, along stony S. slope, through heavy oak & juniper timber, with great difficulty. |
| 12.00 | Gulch 80 lks. wide, course S. |
| 23.00 | Gulch 30 lks. wide, course SSW., asc. SW. slope. |
| 39.37 | Set a granite stone 20x12x4 ins. 15 ins. in ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor., from which, A juniper tree 15 ins. diam. brs. S. 53° W. 55 lks. dist., marked $\frac{1}{4}$ S. 33 B.T. A juniper tree 15 ins. diam. brs. N. 70° E. 59 lks. dist., marked $\frac{1}{4}$ S. 23 B.T. |
| 45.00 | Top of ridge, brs. S. & N. desc. |
| 48.00 | Desc. steep, stony E. slope. |
| 55.75 | Road, brs. NNW. & SSE. |
| 57.00 | Brush fence, brs. NNW. & SSE. |
| 58.00 | Gulch 80 lks. wide, course SSE. asc. SW. slope. |
| 70.00 | Spur, brs. S. & N., desc. |
| 76.00 | Gulch 50 lks. wide, course S. asc. |
| 79.74 | To cor. of secs. 27, 23, 33 & 34. Land, mts., broken. Soil, 3rd rate, stony. Timber, oak, pine, juniper. Undergrowth, scrub oak, pine, manz. Mts. land, heavily timbered, or covered with dense undergrowth, exceptionally difficult to survey, 79.74 chs. At this cor. at 12h 6m p.m., l.m.t., I set off 19° 5' N. on the decl. arc, and observe the sun on the meridian. ✓ The resulting lat. is 34° 5' N. |

Chains.

N. 0° 2' E., bet. secs. 27 & 28.
 Over mts. land, asc. grad. along WSW. slope, through heavy oak & juniper timber, with great difficulty.

4.00 Head of gulch, course SW., thence along SE. slope of Shell Mtn. asc. steep, very rough stony ground,

36.00 Top of E. side of Shell Mtn. Top of peak is 5 chs. W., Elev. 6500 ft. Desc. prec. NE. slope.

39.00 Desc. abrupt 60 ft.

40.00 Set a sandstone 24x12x3 ins. 13 ins. in 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., from which,
 A pine tree 6 ins. diam. brs. S. 45° E. 4 lks. dist., marked 1/4 S. 27 B.T.
 An oak tree 12 ins. diam. brs. N. 50° W. 37 lks. dist., marked 1/4 S. 28 B.T.

52.00 Gentry creek, 150 lks. wide, course ESE. running water, 5 lks. wide, 3 ins. deep.
 Asc. prec. S. slope of bluff.

63.34 Top of N. rim of Gentry creek canyon, brs. E. & W.
 Asc. grad. on mesa.

80.00 Set a granite stone 24x15x10 ins. 13 ins. in ground for cor. of secs. 21, 22, 27 & 28, marked with 2 notches on S. & 3 notches on E. edges, and raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor., from which,
 A juniper tree 30 ins. diam. brs. N. 24° E., 57 lks. dist., marked T. 9 N., R. 15 E. S. 22 B.T.
 A pine tree 15 ins. diam. brs. S. 63° E. 175 lks. dist., marked T. 9 N., R. 15 E. S. 27 B.T.
 An oak tree 15 ins. diam. brs. S. 55° W. 84 lks. dist., marked T. 9 N., R. 15 E. S. 23 B.T.
 A juniper tree 30 ins. diam. brs. N. 60° W. 87 lks. dist., marked T. 9 N., R. 15 E. S. 21 B.T.

Land, mts., very rough & broken. Soil, 3rd rate, stony. Timber, oak, juniper, pine. Undergrowth, scrub oak, manz. Mts. land, heavily timbered, exceptionally difficult to survey, 30.00 chs.

S. 39° 50' W., on a random line, bet. secs. 21 & 28.

40.00 Set temp. 1/4 sec. cor.

79.30 Intersect N. & S. line at point 12 lks. S. of cor. of secs. 20, 21, 23 & 29, whence I run,
 N. 39° 55' E., on a true line, bet. secs. 21 & 28.
 Over mts. land, desc. grad., through dense, heavy pine, oak, & juniper, timber, and dense scrub oak, with great difficulty.

19.22 E. rim of Gentry Mountain, brs. N. & S., desc. prec. stony E. slope.

39.90 Set a granite stone 20x12x10 ins. 15 ins. in 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., from which,
 A pine tree 24 ins. diam. brs. N. 5° E. 75 lks. dist., marked 1/4 S. 21 B.T.
 A pine tree 24 ins. diam. brs. S. 3° W. 33 lks. dist., marked 1/4 S. 23 B.T.

43.55 Build mound of stone on line.

43.75 Road, brs. N. & S., foot of steep slope, brs. N. & S.,
 Thence across narrow valley of Gentry creek, brs. N. & S.

44.33 Old log fence, brs. N. & S. Enter field.
 Gentry Ranch house, brs. North, 15 chs. dist. on W. side of valley, small fields in valley. Now occupied and cultivated by W. Beard.

51.26 Old log fence, brs. N. & S.

51.75 Gentry creek, 150 lks. wide, course SSE. small stream of water.

63.00 Asc. prec. W. slope.

79.30 To cor. of secs. 21, 22, 27 & 28.
 Land, mts. Soil, 3rd rate, stony. Timber, oak, pine, juniper. Mts. land, heavily timbered, exceptionally difficult to survey, 79.30 chs.
 July 23, 1910.

Chains. July 29, 1910.
 At 7h a.m., l.m.t., at the cor. of secs. 21, 22, 27 & 28,
 I set off $13^{\circ}54\frac{1}{2}'$ N. on the decl. arc, and $34^{\circ}6'$ N. on the
 lat. arc, and determine a true meridian with the solar.
 Thence I run,
 N. $0^{\circ}2'$ E., bet. secs. 21 & 22.
 Over high rolling mesa, known as Gentry mesa, near
 W. rim of same, through heavy juniper & oak timber,
 with great difficulty.

40.00 Set a quartzite stone $24 \times 15 \times 8$ ins. 18 ins. in ground, for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of
 stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which,
 A pine tree 12 ins. diam. brs. S. $72\frac{1}{2}^{\circ}$ E. 119 lks. dist.,
 marked $\frac{1}{4}$ S. 22 B.T.
 A juniper tree 36 ins. diam. brs. S. 55° W. 64 lks. dist.,
 marked $\frac{1}{4}$ S. 21 B.T.

62.31 Wire fence, brs. ENE: & WSW.
 75.00 Leave mesa, brs. NE. & SW., desc. prec. NW. slope.
 80.00 Set a sandstone $24 \times 15 \times 10$ ins. 15 ins. in ground for
 cor. of secs. 15, 16, 21 & 22, marked
 T. 9 S., on NE.,
 R. 15 E., on SE., face, with 3 notches on S. & E. edges,
 and raise a mound of stone 4 ft. base, 4 ft. high W. of
 cor. from which,
 An oak tree 12 ins. diam. brs. N. $23\frac{1}{2}^{\circ}$ E. 60 lks. dist.,
 marked T. 9 N., R. 15 E. S. 15 B.T.
 A pine tree 6 ins. diam. brs. S. 20° E. 25 lks. dist.,
 marked T. 9 N., R. 15 E. S. 22 B.T.
 An oak tree 14 ins. diam. brs. S. 40° W. 32 lks. dist.,
 marked T. 9 N., R. 15 E. S. 21 B.T.
 An oak tree 14 ins. diam. brs. N. 9° W. 70 lks. dist.,
 marked T. 9 N., R. 15 E. S. 16 B.T.
 Land, rolling, mts. Soil, 3rd rate, stony,
 Timber, oak, juniper, pine. Undergrowth, scrub oak.
 Heavily timbered land, exceptionally difficult to
 survey, 80.00 chs.

40.00 S. $89^{\circ}55'$ W., on a random line, bet. secs. 16 & 21.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect N. & S. line at point 12 lks. N. of cor. of
 secs. 16, 17, 20 & 21, whence I run,
 N. $89^{\circ}50'$ E., on a true line, bet. secs. 16 & 21.
 Over broken, mts. land, desc. NE. slope, through
 heavy oak, pine & juniper timber, with great difficulty.

11.00 Gulch 80 lks. wide, course ESE., asc. SW. slope.
 14.10 Trail, brs. NW. & SE.
 39.90 Set a sandstone $20 \times 10 \times 16$ ins. 15 ins. in ground for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and from which,
 An oak tree 14 ins. diam. brs. N. 12° W. 30 lks. dist.,
 marked $\frac{1}{4}$ S. 16 B.T.
 A pine tree 25 ins. diam. brs. S. $14\frac{1}{2}^{\circ}$ E. 42 lks. dist.,
 marked $\frac{1}{4}$ S. 21 B.T.

55.00 Gulch 50 lks. wide, course S.
 Thence along broken S. slope.
 62.00 Desc. broken SE. slope.
 68.00 Gentry creek 50 lks. wide, course SSE. small stream of water.
 69.50 Road, brs. N. & S.
 Asc. prec. W. slope.
 79.80 To cor. of secs. 15, 16, 21 & 22.
 Land, mts. Soil, 3rd rate, stony.
 Timber, oak, juniper, pine.
 Undergrowth, scrub oak, manzanita, young pine.
 Mts. land, heavily timbered or covered with dense under-
 growth, exceptionally difficult to survey, 79.80 chs.
 At this cor. at 12h 6m p.m., l.m.t., I set off $18^{\circ}51'$ N. on
 the decl. arc, and observe the sun on the meridian. ✓
 The resulting lat. is $34^{\circ}7'$ N.
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Chains.

N. 0° 2' E., bet. secs. 15 & 16.
 Over mts. land, desc. grad. along prec. stony WNW. slope, through dense scrub oak, pine, and pine & oak timber, with great difficulty.

9.95 Juniper 60 ins. diam. on line, blazed N. & S.
 38.00 Enter valley, brs. NNE. & SSW., and heavy oak and cottonwood.
 40.00 Set a sandstone, 24x14x10 ins. 18 ins. in 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., from which, An oak tree 18 ins. diam. brs. S. 35° E. 23 lks. dist., marked 1/4 S. 15 B.T.
 A walnut tree 8 ins. diam. brs. S. 40° W. 30 lks. dist., marked 1/4 S. 16 B.T.

42.50 Gentry creek, 30 lks. wide, course SSW. stream of water 3 lks. wide, 3 ins. deep.
 Enter cleared field of Ben Nail, brs. N. & S. asc. grad.

56.63 Rail fence, brs. E. & W.
 66.00 Leave field, asc. grad., through dense pine & scrub oak.
 70.00 Saw mill of B. Nail, brs. 4 chs. E.
 74.00 House of B. Nail, brs. West, 6 chs. dist.
 79.60 Wash 40 lks. wide, course SSW.
 80.00 Set a sandstone 24x12x3 ins. 18 ins. in ground for cor. of secs. 9, 10, 15 & 16, marked with 4 notches on S. & 3 notches on E. edges, and raise a mound of stone 2 ft. base 3 ft. high W. of cor., from which,
 A pine tree 12 ins. diam. brs. S. 33° E. 36 lks. dist., marked T. 9 N., R. 15 E. S. 15 B.T.
 A cottonwood 12 ins. diam. brs. S. 3° W. 56 lks. dist., marked T. 9 N., R. 15 E. S. 16 B.T.
 A cottonwood, 12 ins. diam. brs. N. 10° E. 33 lks. dist., marked T. 9 N., R. 15 E., S. 10 B.T.
 A cottonwood 12 ins. diam. brs. N. 5° W. 140 lks. dist., marked T. 9 N., R. 15 E. S. 9 B.T.

Land, mts. rolling. Soil, 2nd & 3rd rate, gravelly, stony. Timber, oak, pine, juniper, cottonwood, walnut . Undergrowth, scrub oak, young pine.
 Mts. land, heavily timbered, exceptionally difficult to survey, 40.00 chs.
 Rolling land, covered with dense undergrowth, 40.00 chs.

S. 39° 50' W., on a random line, bet. secs. 9 & 16.

40.00 Set temp. 1/4 sec. cor.
 79.60 Intersect N. & S. line at point 12 lks. S. of cor. of secs. 9, 16 & 17, whence I run, N. 39° 55' E., on a true line, bet. secs. 9 & 16.
 Over mts., broken, stony land, asc., through oak, pine & juniper timber, with great difficulty.

15.00 Top of ridge, brs. S. & N., desc.
 32.00 Gulch 30 lks. wide, course S., asc. steep.
 39.80 Set a sandstone 20x12x3 ins. 15 ins. in 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., from which, A juniper tree 20 ins. diam. brs. S. 53° E. 79 lks. dist., marked 1/4 S. 16 B.T.
 An oak tree 10 ins. diam. brs. N. 13° W. 40 lks. dist., marked 1/4 S. 9 B.T.

52.00 Top of long ridge, brs. S. & N., desc. steep E. slope.
 68.60 Road, brs. N. & S. foot of steep slope, enter valley.
 68.72 Fence, brs. N. & S., enter field, brs. N. & S. desc. grad.
 79.60 To cor. of secs. 9, 10, 15 & 16.
 Land, mts., Soil, 2nd & 3rd rate, gravelly stony. Timber, pine, oak, juniper. Undergrowth, scrub oak, pine, manzanita, thorn.
 Mts., land, heavily timbered, or covered with dense undergrowth, exceptionally difficult to survey, 79.60 chs.

July 29, 1910.

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| Chains | <p>July 30, 1910.</p> <p>At 7h a.m., l.m.t., at the cor. of secs. 9, 10, 15 & 16, I set off $18^{\circ}40'$ N. on the decl. arc, and $34^{\circ}3'$ N. on the lat. arc, and determine a true meridian with the solar. Thence I run N. $0^{\circ}2'$ E., bet. secs. 9 & 10. Over mts. land, asc. grad., through heavy pine & oak timber, with great difficulty.</p> <p>1.00 Enter wash, 20 lks. wide, course SSE. 4.00 Leave wash, from NN.E., asc. on W. side of same. 6.46 Rail fence, brs. E. & W. 12.00 Road, brs. E. & W. 23.75 Gulch 50 lks. wide, course SSE., asc. stony SW. slope. 26.50 Wood road, brs. NW. & SE. 37.00 Road, in gulch 50 lks. wide, course SW., asc. steep. 40.00 Set a syenite stone 20x12x8 ins. on bed-rock, in mound for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which, A pine tree 24 ins. diam. brs. N. 30° E. 97 lks. dist., marked $\frac{1}{4}$ S. 10 B.T. A juniper tree 30 ins. diam., brs. S. 55° W. 115 lks. dist., marked $\frac{1}{4}$ S. 9 B.T.</p> <p>47.00 Top of SW. point, brs. NE. & SW. desc. 55.00 Gulch 50 lks. wide, course SW., asc. SW. slope. 80.00 Set a quartzite stone 20x12x8 ins. 15 ins. in ground for cor. of secs. 3, 4, 9 & 10, marked with 5 notches on S. & 3 notches on E. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., from which, A pine tree 24 ins. diam. brs. N. $53\frac{1}{2}^{\circ}$ E. 35 lks. dist., marked T. 9 N., R. 15 E. S. 3 B.T. A Juniper tree 20 ins. diam. brs. S. $49\frac{1}{2}^{\circ}$ E. 70 lks. dist., marked T. 9 N., R. 15 E. S. 10 B.T. An oak tree 18 ins. diam. brs. S. 74° W. 10 lks. dist., marked T. 9 N., R. 15 E. S. 9 B.T. A pine tree 24 ins. diam. brs. N. $73\frac{1}{2}^{\circ}$ W. 134 lks. dist., marked T. 9 N., R. 15 E. S. 4 B.T.</p> <p>Land, mts. Soil, 3rd rate, stony. Timber, oak, pine, juniper. Undergrowth, scrub oak, pine. Mts. land, heavily timbered, exceptionally difficult to survey, 90.00 chs.</p> <hr/> <p>S. $89^{\circ}55'$ W., on a random line, bet. secs. 4 & 9.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor. 79.90 Intersect N. & S. line, at point 3 lks. N. of cor. of secs. 4, 5, 8 & 9, whence I run, N. $39^{\circ}54'$ E., on a true line, bet. secs. 4 & 9. Over mts. land, desc., through dense pine & oak, with great difficulty.</p> <p>4.10 Gulch 30 lks. wide, course S. asc. 12.00 Top of flat ridge, brs. S. & N., desc. grad. 19.10 Gulch 40 lks. wide, course SSE. asc. 24.86 Pine 30 ins. diam., on line, blazed N. & S. 32.15 Road, top of spur, brs. S. & N. road turns to W. at 5 chs. S. Desc. steep, stony SE. slope.</p> <p>39.95 Set a quartzite stone 24x15x12 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor., from which, An oak tree 12 ins. diam. brs. N. 7° W. 67 lks. dist., marked $\frac{1}{4}$ S. 4 B.T. A pine tree 30 ins. diam., brs. S. 7° E. 26 lks. dist., marked $\frac{1}{4}$ S. 9 B.T.</p> <p>40.25 Gulch 40 lks. wide, course SSW., asc. steep. 58.00 Top of ridge, brs. S. & N., desc. SE. slope. 74.00 Gulch 30 lks. wide, course SSW., asc. 79.90 To cor. of secs. 3, 4, 9 & 10. Land, mts., broken. Soil, 3rd rate, stony. Timber, oak, pine, juniper. Undergrowth, scrub oak, pine. Mts. land, heavily timbered, covered with dense undergrowth, exceptionally difficult to survey, 79.90 chs.</p> |
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Chains.

- N. $0^{\circ} 12'$ E., on a random line, bet. secs. 3 & 4.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.25 Intersect N. bdy. of Tp., at point 9 lks. E. of cor. of
 secs. 3, 4, 33 & 34, whence I run,
 S. $0^{\circ} 8'$ W., on a true line, bet. secs. 3 & 4,
 Over mts. land, asc. NE. slope, through dense oak &
 juniper timber, with great difficulty.
 20.00 Top of flat spur, brs. SE. & NW., desc.
 39.25 Set a sandstone $20 \times 14 \times 3$ ins. 15 ins. in ground for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, and raise a mound of
 stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which,
 A pine tree 36 ins. diam. brs. S. 26° E. 134 lks. dist.,
 marked $\frac{1}{4}$ S. 3 B.T.
 A pine tree 36 ins. diam. brs. S. 75° W. 111 lks. dist.,
 marked $\frac{1}{4}$ S. 4 B.T.
 41.00 Head of gulch, course NE., asc. grad. along ENE. slope.
 57.40 Road, Ellison's to Holbrook, on top of ridge, brs.
 NNW. & SSE., desc. SW. slope.
 79.25 To cor. of secs. 3, 4, 9 & 10.
 Land, mts. Soil, 3rd rate, stony, gravelly.
 Timber, oak, pine, juniper.
 Undergrowth, scrub oak, pine, thorn.
 Mts. land, heavily timbered or covered with dense
 undergrowth, exceptionally difficult to survey, 79.20 chs.

At this cor. at 12h 6m p.m., I set off $18^{\circ} 36\frac{1}{2}'$ N. on the
 decl. arc, and observe the sun on the meridian.
 The resulting lat. is $34^{\circ} 8\frac{1}{2}'$ N. ✓

Rained in afternoon, did not work.

July 30, 1910.

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| Chains. | <p>July 31, 1910.</p> <p>At 7h a.m., l.m.t., at Standard cor. of secs. 34 & 35, on S. bdy. of Tp., which is a sandstone 8x5x6 ins. above ground, marked and witnessed as described by the Surveyor General,</p> <p>I set off 18°26' N. on the decl. arc, and 34°4' N. on the lat. arc, and determine a true meridian with the solar. Thence I run,</p> <p>N. 0° 2' E., bet. secs. 34 & 35.</p> <p>Over mts. land, desc. along stony NE. slope, through oak & juniper timber, with great difficulty.</p> <p>7.00 Gulch 30 lks. wide, course ESE., asc.</p> <p>23.00 Top of ridge, brs. SE. & NW. desc.</p> <p>40.00 Set a quartzite stone 24x14x10 ins., on bed-rock, in mound of stone for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which,</p> <p>An oak tree 12 ins. diam. brs. N. 34° E. 9 lks. dist., marked $\frac{1}{4}$ S. 35 B.T.</p> <p>An oak tree 14 ins. diam. brs. S. 70° W. 58 lks. dist., marked $\frac{1}{4}$ S. 34 B.T.</p> <p>43.00 Gulch 50 lks. wide, 100 ft. deep, course E., asc. steep.</p> <p>52.00 Spur, brs. ESE. & WNW., desc.</p> <p>72.00 Canyon 120 lks. wide, 100 ft. deep, course E., asc. steep.</p> <p>80.00 Mark a juniper tree 24 ins. diam., for cor. of secs. 26, 27, 34 & 35, blazed, & marked,</p> <p>T. 9 N., S. 26 on NE.,</p> <p>R. 15 E. S. 35 on SE.,</p> <p>S. 34 on SW., and</p> <p>S. 27 on NW. faces, with 1 notch on S. & 2 notches on E. edges, from which,</p> <p>An oak tree 12 ins. diam. brs. S. 70° W. 52 lks. dist., marked T. 9 N., R. 15 E. S. 34 B.T.</p> <p>An oak tree 12 ins. diam. brs. N. 55° W. 23 lks. dist., marked T. 9 N., R. 15 E. S. 27 B.T.</p> <p>An oak tree 12 ins. diam. brs. N. 43° E. 30 lks. dist., marked T. 9 N., R. 15 E. S. 26 B.T.</p> <p>An oak tree 8 ins. diam. brs. S. 50° E. 21 lks. dist., marked T. 9 N., R. 15 E. S. 35 B.T.</p> <p>Land, mts, broken. Soil, 3rd rate, stony.</p> <p>Timber, oak, pine, juniper. Undergrowth, scrub oak, pine.</p> <p>Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs.</p> <hr/> <p>West, on a random line, bet. secs. 27 & 34.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>79.30 Intersect N. & S. line at point 7 lks. N. of cor. of sec. 27, 23, 33 & 34, whence I run,</p> <p>N. 39° 57' E., on a true line, bet. secs. 27 & 34.</p> <p>Over mts. land, asc. steep, through heavy oak, timber, very stony, ground, with great difficulty.</p> <p>12.00 Top of flat spur, brs. SSE. & WNW., desc.</p> <p>25.50 Canyon 50 lks. wide, course NE., asc.</p> <p>39.90 Top of spur, brs. N. & S.,</p> <p>Set a sandstone 24x14x6 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which,</p> <p>A juniper tree 24 ins. diam. brs. N. 3° E. 123 lks. dist., marked $\frac{1}{4}$ S. 27 B.T.</p> <p>An oak tree 12 ins. diam. brs. S. 37° W. 59 lks. dist., marked $\frac{1}{4}$ S. 34 B.T.</p> <p>Desc. grad., on sharp ridge.</p> <p>79.30 To cor. of secs. 26, 27, 34 & 35.</p> <p>Land, mts. Soil, 3rd rate, stony.</p> <p>Timber, oak, pine, juniper.</p> <p>Undergrowth, scrub oak, pine, manzanita, thorn.</p> <p>Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 79.30 chs.</p> |
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Chains

East, bet. secs. 26 & 35.
 Over mts. land; desc. prec. NNE. slope, through dense scrub oak & pine, with great difficulty.

11.10 Intersect West Bdy. of White Mountain Indian Reservation. Set a sandstone 20x15x4 ins. 15 ins. in ground, for closing cor. of secs. 26 & 35; marked C.C. on W., W.M.I.R. on E., with 1 groove on S. faces, and raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. No bearings available. Pits impracticable. The 1 1/2 mile cor. on W. bdy. of White Mtn. Indian Res'n, brs. North, 15.70 chs. dist., which is a sandstone 15x8x5 ins. above ground, marked and witnessed as described by the Surveyor General.

Land, mts. Soil, 3rd rate, stony.
 Timber, oak, pine, Undergrowth, scrub oak, dense.
 Mts. land covered with dense undergrowth, exceptionally difficult to survey, 11.10 chs.
 At this cor. at 12h 6m p.m., l.m.t., I set off 18° 22' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 34° 5' N.

N. 0° 2' E., bet. secs. 26 & 27.
 Over very rough, stony mts. land, desc. prec. N. slope through dense scrub oak & manzanita, with great difficulty.

16.00 Gentry creek, 2 chs. wide, course ESE. small stream of running water. asc. prec. S. slope of bluff.

40.00 Set a sandstone 24x12x8 ins. 18 ins. in 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. No bearings available. Pits impracticable.

42.00 Top of N. rim of canyon, S. edges of Gentry mesa, brs. E. & W., thence on stony mesa, through heavy juniper timber.

80.00 Set a sandstone 24x10x8 ins. 18 ins. in ground for cor. of secs. 22, 23, 26 & 27, marked with 2 notches on S. & E. edges, and raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor., from which,
 A juniper tree 20 ins. diam. brs. N. 56° E. 133 lks. dist., marked T. 9 N., R. 15 E. S. 23 B.T.,
 A juniper tree 30 ins. diam. brs. S. 54° E. 100 lks. dist., marked T. 9 N., R. 15 E. S. 26 B.T.
 A juniper tree 36 ins. diam. brs. S. 11° W. 134 lks. dist., marked T. 9 N., R. 15 E. S. 27 B.T.
 A juniper tree 30 ins. diam. brs. N. 32° W. 15 lks. dist., marked T. 9 N., R. 15 E. S. 22 B.T.

Land, mts., rolling.
 Soil, 3rd rate, stony.
 Timber, oak, juniper.
 Undergrowth, scrub oak, manzanita, thorn.
 Mts. land, covered with dense undergrowth, or land heavily timbered, exceptionally difficult to survey, 80.00 chs.

S. $89^{\circ}57'W.$, on a random line, bet. secs. 22 & 27.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.90 Intersect N. & S. line at point 7 lks. S. of cor. of
secs. 21, 22, 27 & 23, whence I run,
East, on a true line, bet. secs. 22 & 27.
Over high rolling, stony mesa, through heavy juniper
and oak timber, with great difficulty.
Elev. of mesa, about 5900 ft.
23.75 Draw 30 lks. wide, course SE.
39.95 Set a sandstone $20 \times 10 \times 6$ ins. 15 ins. in ground for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of c. ro., from which,
A juniper tree 30 ins. diam. brs. N. $22^{\circ}E.$ 50 lks. dist.,
marked $\frac{1}{4}$ S. 22 B.T.
A juniper tree 40 ins. diam. brs. S. $36^{\circ}E.$ 131 lks. dist.,
marked $\frac{1}{4}$ S. 27 B.T.
79.90 To cor. of secs. 22, 23, 26 & 27.
Land, rolling.
Soil, stony, 3rd rate,.
Timber, oak, juniper. few pine.
Undergrowth, scattering scrub oak, good native grass.
Rolling land, heavily timbered, exceptionally difficult
to survey, 79.90 chs.

East, bet. secs. 23 & 26.
Over rolling, stony, mesa, desc. grad., through heavy
juniper, with great difficulty.
10.74 Wire fence, brs. N. & S.
11.10 Intersect W. Bdy. of White Mountain Indian Reservation.
Set a sandstone $20 \times 15 \times 4$ ins. 15 ins. in ground for
closing cor. of secs. 23 & 26, marked
C.C. on W.,
W.M.I.R. on E., with 2 grooves on S. faces, and raise
a mound of stone 4 ft. base, 3 ft. high W. of cor.
No bearings available. Pits, impracticable.
The $13\frac{1}{2}$ mile cor. on W. bdy. of White Mtn. Indian Res'v.,
brs. North, 15.64 chs. dist., which is a
sandstone $14 \times 12 \times 5$ ins. above ground, marked and
witnessed as described by the Surveyor General.
Land, rolling. Soil, 3rd rate, stony.
Timber, oak, juniper, some few pine.
Undergrowth, scrub oak. Good native grass.
Mts. or rolling land, heavily timbered or covered with
dense undergrowth, exceptionally difficult to
survey, 11.10 chs.

July 31, 1910.

Chains.

August 1, 1910.
 At 7h a.m., 1.m.t., at the cor. of secs. 22, 23, 26 and 27,
 I set off 18° 11' N. on the decl. arc, and 34° 6' N. on the
 lat. arc, and determine a true meridian with the solar.
 Thence I run,
 N. 0° 2' E., bet. secs. 22 & 23.
 Over high, rolling, stony mesa, through heavy juniper
 timber, with great difficulty.

34.00 Draw, 150 lks. wide, course ESE., asc. grad.
 40.00 Set a sandstone 24x8x4 ins. 18 ins. in 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., from which,
 A juniper tree 36 ins. diam. brs. S. 76° W. 151 lks. dist.,
 marked 1/4 S. 22 B.T.
 A juniper tree 30 ins. diam. brs. S. 33° E. 246 lks. dist.,
 marked 1/4 S. 23 B.T.

72.90 Wire fence, brs. NW. & SE.
 77.40 Gulch 30 lks. wide, course SE., asc. grad.
 80.00 Set a sandstone 24x15x10 ins. 13 ins. in ground for
 cor. of secs. 14, 15, 22 & 23, marked with 3 notches on
 S. & 2 notches on E. edges, and raise a mound of stone
 2 ft. base, 1 1/2 ft. high W. of cor, from which,
 A juniper tree 36 ins. diam. brs. N. 23° E. 77 lks. dist.,
 marked T. 9 N., R. 15 E. S. 14 B.T.
 A pine tree 14 ins. diam. brs. S. 5° E. 62 lks. dist.,
 marked T. 9 N., R. 15 E. S. 23 B.T.
 A pine tree 15 ins. diam. brs. S. 64 1/2° W. 44 lks. dist.,
 marked T. 9 N., R. 15 E. S. 22 B.T.
 A pine tree 24 ins. diam. brs. N. 33° E. 80 lks. dist.,
 marked T. 9 N., R. 15 E. S. 15 B.T.

Land, mts. rolling.
 Soil, 3rd rate, stony.
 Timber, oak, juniper, some pine.
 Undergrowth, scrub oak, Fine native grass.
 Rolling land, heavily timbered, exceptionally difficult
 to survey, 80.00 chs.

West, on a random line, bet. secs. 15 & 22.
 40.00 Set temp. 1/4 sec. cor.
 79.90 Intersect cor. of secs. 15, 16, 21 & 22, whence I run,
 East, on a true line, bet. secs. 15 & 22.
 Over mts. land, asc. steep, stony W. slope, through
 dense oak & juniper, with great difficulty.

4.00 Top of W. rim of mesa, brs. N. & S., asc. grad., very stony
 ground. dense manzanita & scrub oak.

15.00 Top of rocky flat knoll, brs. N. & S., desc. grad.,
 32.25 Wire fence, brs. ENE. & WSW. leave dense undergrowth.
 39.95 Set a sandstone 20x15x6 ins. 15 ins. in 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., from which,
 An oak tree 8 ins. diam. brs. N. 34° E. 17 lks. dist.,
 marked 1/4 S. 15 B.T.
 A juniper tree 15 ins. diam. brs. S. 16 1/2° W. 150 lks. dist.,
 marked 1/4 S. 22 B.T.

62.50 Wire fence, brs. NW. & SE.
 77.00 Draw 30 lks. wide, course SE., asc. grad.
 79.90 To cor. of secs. 14, 15, 22 & 23.
 Land, mts. rolling. Soil, 3rd rate, stony.
 Timber, juniper, pine, oak.
 Undergrowth, scrub oak, manzanita, Fine native grass.
 Mts. land, or land heavily timbered, exceptionally
 difficult to survey, 79.90 chs.

Chains

East, bet. secs. 14 & 23.

Over rolling, stony land, desc. grad., through heavy juniper, oak & pine, with great difficulty.

11.25 Intersect W.bdy. of White Mountain Indian Reservation.

Set a sandstone 20x15x6 ins. 15 ins. in ground for closing cor. of secs. 14 & 23, marked

C.C. on W..

W.M.I.R. on E., with 3 grooves, on S. faces, and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. from which,

A juniper tree 10 ins. diam. brs. N. 63½° W. 91 lks. dist., marked T. 9 N., R. 15 E. S. 14 C.C.B.T.

A juniper tree 14 ins. diam. brs. S. 71° W. 90 lks. dist., marked T. 9 N., R. 15 E. S. 23 C.C.B.T.

The 12½ mile cor. on W. Bdy. White Mountain Indian Res'n brs. North, 15.65 chs. dist., which is a sandstone 13x13x5 ins. above ground, marked and witnessed as described by the Surveyor General.

Land, mts., rolling.

Soil, 3rd rate, stony.

Timber, juniper, oak, pine.

Undergrowth, scrub pine, young pine. Good native grass.

Rolling land, heavily timbered, exceptionally difficult to survey, 11.25 chs. ✓

At this cor. at 12h 6m p.m., 1.m.t., I set off 18° 7' N. on the decl. arc, and observe the sun on the meridian.

The resulting lat. is 34° 7' N.

N. 0° 2' E., bet. secs. 14 & 15.

Over stony, rolling mesa, asc. grad., through dense, heavy, juniper, oak & pine timber, with great difficulty.

40.00 Set a sandstone 20x10x6 ins. 15 ins. in ground for ¼ sec. cor., marked ¼ on W. face, and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor., from which,

A juniper tree 20 ins. diam. brs. S. 30° E. 60 lks. dist., marked ¼ S. 14 B.T.

A juniper tree 20 ins. diam. brs. N. 15° W. 65 lks. dist., marked ¼ S. 15 B.T.

60.00 Top of rise, desc, grad.

80.00 Set a sandstone 20x10x3 ins. 15 ins. in ground for cor. of secs. 10, 11, 14 & 15, marked with 4 notches on S. & 2 notches on E. edges, and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor., from which,

A pine tree 15 ins. diam. brs. N. 17° E. 75 lks. dist., marked T. 9 N., R. 15 E. S. 11 B.T.

A pine tree 10 ins. diam. brs. S. 40° E. 58 lks. dist., marked T. 9 N., R. 15 E. S. 14 B.T.

A juniper tree 20 ins. diam. brs. S. 35° W. 15 lks. dist., marked T. 9 N., R. 15 E. S. 15 B.T.

A juniper tree 20 ins. diam. brs. N. 30° W. 4 lks. dist., marked T. 9 N., R. 15 E. S. 10 B.T.

Land, rolling. Soil, 3rd rate, stony.

Timber, oak, juniper, pine.

Undergrowth, scrub oak, pine. good grass.

Rolling land, heavily timbered, exceptionally difficult to survey, 80.00 chs.

Chains
 West, on a random line, bet. secs. 10 & 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect cor. of secs. 9, 10, 15 & 16, whence I run,
 East, on a true line, bet. secs. 10 & 15.
 Over mts. land, asc. grad., through heavy pine & oak
 timber, with great difficulty.
 7.30 Wash, 30 lks. wide, course S.
 6.00 Fence, brs. N. & S.,
 9.05 Wood road, to sawmill, brs. N. & S.
 17.90 Road, brs. NE. & SW.
 20.00 Road, brs. NE. & SW.
 23.00 Wash, 20 lks. wide, course SSW.,
 28.90 E. branch of Gentry creek, 150 lks. wide, course SW. (dry)
 Asc. steep, stony NW. slope.
 40.00 Set a granite stone 24x15x10 ins. 13 ins. in ground for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which,
 A pine tree 24 ins. diam. brs. S. 23° W. 40 lks. dist.,
 marked $\frac{1}{4}$ S. 15 B.T.
 A pine tree 40 ins. diam. brs. N. 43° E. 79 lks. dist.,
 marked $\frac{1}{4}$ S. 10 B.T.
 Cont. asc. NW. slope. very rough and broken.
 60.00 Canyon 150 lks. wide, 100 ft. deep, course N., heads 10
 chs. S.
 80.00 Cor. of secs. 10, 11, 14 & 15.
 Land, mts. broken.
 Soil, 3rd rate, stony.
 Timber, oak, juniper, pine.
 Undergrowth, scrub oak, pine.
 Mts. land, heavily timbered, exceptionally difficult
 to survey, 80.00 chs.

East, bet. secs. 11 & 14.
 Over rolling mesa, through heavy juniper, with great difficulty.
 11.20 Intersect W. Bdy. of White Mountain Indian Reservation,
 Set a sandstone, 24x10x3 ins. 18 ins. in ground for
 closing cor. of secs. 11 & 14, marked,
 C.C. on W.,
 W.M.I. R. on E., with 4 grooves, on S. faces, and raise
 a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.,
 from which,
 A pine tree 20 ins. diam. brs. S. 51° W. 80 lks. dist.,
 marked T. 9 N., R. 15 E. S. 14 C.C.B.T.
 A pine tree 20 ins. diam. brs. N. 25° W. 130 lks. dist.,
 marked T. 9 N., R. 15 E. S. 11 C.C.B.T.
 The 1 $\frac{1}{2}$ mile cor. on W. bdy. White Mountain Indian Res'n,
 brs. North, 15.50 chs. dist., which is a
 sandstone 13x11x5 ins. above ground, marked and
 witnessed as described by the Surveyor General.
 Land, rolling.
 Soil, 3rd rate, stony.
 Timber, juniper, pine, oak.
 Undergrowth, scrub oak, young pine. Fine grass in opens.
 Rolling land, heavily timbered, exceptionally difficult
 to survey, 11.20 chs.

August 1, 1910.

Chains. August 2, 1910.
 At 7h a.m., l.m.t., at the cor. of secs. 10, 11, 14 & 15,
 I set off 17°56' N. on the decl. arc, and 34°8' N. on the
 lat. arc, and determine a true meridian with the solar.
 Thence I run,
 N. 0° 2' E., bet. secs. 10 & 11,
 Over mts. land, desc. steep N. slope, through dense,
 pine, oak, with great difficulty.
 25.00 Gulch 30 lks. wide, course W., asc.
 27.00 Old road, Ellisons to Holbrook, ENE. & WSW., asc. steep.
 30.00 Asc. prec. S. slope of bluff.
 37.00 Top of S. rim of mesa, brs. ESE. & WNW.
 40.00 Set a syenite stone 24x12x10 ins. 13 ins. in 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., from which,
 A juniper tree 24 ins. diam. brs. S. 49° E. 33 lks. dist.,
 marked 1/4 S. 11 B.T.
 A pine tree 24 ins. diam. brs. S. 53° W. 59 lks. dist.,
 marked 1/4 S. 10 B.T.
 Asc. grad. on stony mesa,
 55.25 Road, brs. NNW. & SSE.
 57.00 Road, brs. NNE. & SSW.
 64.75 Road, brs. NW. & SE.
 80.00 Set a limestone 24x14x8 ins. 13 ins. in ground for
 cor. of secs. 2, 3, 10 & 11, marked with 5 notches on S.
 & 2 notches on E. edges, and raise a mound of stone
 2 ft. base, 1 1/2 ft. high W. of cor., from which,
 A pine tree 20 ins. diam. brs. N. 31° E. 43 lks. dist.,
 marked T. 9 N., R. 15 E. S. 2 B.T.
 A pine tree 20 ins. diam. brs. S. 33 1/2° E. 53 lks. dist.,
 marked T. 9 N., R. 15 E. S. 11 B.T.
 A pine tree 12 ins. diam. brs. S. 25° W. 91 lks. dist.,
 marked T. 9 N., R. 15 E. S. 10 B.T.
 A pine tree 24 ins. diam. brs. N. 23 1/2° W. 53 lks. dist.,
 marked T. 9 N., R. 15 E. S. 3 B.T.
 Land, mts, rolling. Soil, 3rd rate, stony.
 Timber, oak, pine, juniper. Undergrowth, scrub oak, pine.
 Mts. or rolling land, heavily timbered, exceptionally
 difficult to survey, 80.00 chs.

40.00 West, on a random line, bet. secs. 3 & 10.
 Set temp. 1/4 sec. cor.,
 79.92 Intersect N. & S. line at point 5 lks. N. of cor. of
 secs. 3, 4, 9 & 10, whence I run,
 N. 89° 53' E., on a true line, bet. secs. 3 & 10.
 Over mts. land, asc. stony SW. slope, through dense
 pine, oak & juniper, with great difficulty.
 5.00 Top of mesa, brs. NW. & SE., thence over very stony land.
 38.50 Road, Ellisons to Holbrook, brs. NW. & SE.
 39.96 Set a sandstone 24x10x6 ins. 13 ins. in 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., from which,
 A juniper tree 36 ins. diam. brs. North, 10 lks. dist.,
 marked 1/4 S. 3 B.T.
 A pine tree 12 ins. diam. brs. S. 10° E. 50 lks. dist.,
 marked 1/4 S. 10 B.T.
 79.92 To cor. of secs. 2, 3, 10 & 11.
 Land, mts., rolling.
 Soil, 3rd rate, stony.
 Timber, juniper, oak, pine.
 Undergrowth, scrub oak, pine. Good grazing.
 Mts. or rolling land, heavily timbered, exceptionally
 difficult to survey, 79.92 chs.
 Clouds obscure the sun at noon, Impossible to
 observe for latitude.

Chains

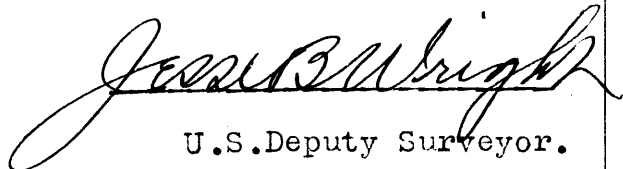
East, bet. secs. 2 & 11.
 Over rolling, stony mesa, through dense oak, pine & juniper timber, with great difficulty.
 11.16 Intersect W. Bdy. of White Mountain Indian Reservation.
 Set a sandstone 24x13x6 ins. 18 ins. in ground for closing cor. of secs. 2 & 11, marked C.C. on W., W.M.I.R. on E., with 5 grooves, on S. faces, and raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor., from which,
 A pine tree 24 ins. diam, brs. N. 32° W. 86 lks. dist., marked T. 9 N., R. 15 E. S. 2 C.C.B.T.
 An oak tree 14 ins. diam. brs. S. 32° W. 153 lks. dist., marked T. 9 N., R. 15 E. S. 11 C.C.B.T.
 The 10 1/2 mile cor. on W. Bdy. White Mountain Indian Res'n, brs. North, 15.42 chs. dist., which is a sandstone 12x10x6 ins. above ground, marked and witnessed as described by the Surveyor General.
 Land, Rolling. Soil, 3rd rate, stony.
 Timber, oak, pine, juniper.
 Undergrowth, scrub oak, pine. Good grass.
 Rolling land, heavily timbered, exceptionally difficult to survey, 11.16 chs.

40.00 N. 0° 8' E., on a random line, bet. secs. 2 & 3.
 Set temp. 1/4 sec. cor.
 79.00 Intersect N. bdy. of Tp. at cor. of secs. 2, 3, 34 & 35, whence I run,
 S. 0° 8' W., on a true line, bet. secs. 2 & 3.
 Over mts. land, desc. along SE. slope, through heavy pine & oak timber, with great difficulty.
 10.00 Point of spur, brs. SE. & NW., desc. steep.
 22.80 Gulch 50 lks. wide, 100 ft. deep, course ESE., Lost Tank Gulch. asc. steep.
 28.50 Top of sharp spur, brs. E. & W., desc. steep.
 38.00 Gulch 50 lks. wide, course ENE., asc. steep.
 39.00 Set a sandstone 24x10x8 ins. 18 ins. in ground for 1/4 sec. cor., marked 1/4 on W. face, from which,
 A pine tree 18 ins. diam. brs. S. 23° E. 24 lks. dist., marked 1/4 S. 2 B.T.
 A pine tree 30 ins. diam. brs. S. 45° W. 31 lks. dist., marked 1/4 S. 3 B.T.
 45.00 Asc. pred. N. slope.
 50.00 Top of mesa, brs. E. & W.,
 79.00 To cor. of secs. 2, 3, 10 & 11.
 Land, mts., rolling.
 Soil, 3rd rate, stony.
 Timber, oak, pine, juniper.
 Undergrowth, scrub oak, pine.
 Mts. land, heavily timbered, exceptionally difficult to survey, 79.00 chs..

August 2, 1910.

General Description.

This township is mostly a high, broken mesa, lying on the watershed between Cherry creek and Canyon creek. The soil is in general, stony, with some narrow strips of sandy loam on Gentry creek, and near the heads of the larger draws in the Northern portion. It is well timbered with pine, oak, and juniper, with fine stretches of grass on the higher mesas. Much of the land lying along the broader draws, could be cleared and cultivated without irrigation, the average rainfall during the months of July and August being usually sufficient to mature a crop of corn, oats, beans, or vegetables. Most of the Tp. is good grazing land, but is at present scantily stocked. B. Nail, occupies and cultivates about 50 acres of good land, lying along the narrow valley of Gentry creek in secs. 15 & 16. He has substantial buildings and other valuable improvements. The small ranch, known as the Gentry Ranch, in sec. 21, is now occupied by W. Beard, who cultivates about 20 acres of good land, lying along Gentry creek. No other settlers noted. Several former small ranches being now abandoned. There are several good springs in the Tp., but no permanent water in quantity. No indications of mineral noted, the rock formation in general being fairly well defined strata, and lying almost horizontal, as shown by the large mesas, and outcroppings in the canyons.


U.S. Deputy Surveyor.

For FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

See Book 6. Puts T 8 N. Q 14 E.

LIST OF NAMES.

BOOK 2252

A list of the names of the individuals employed by

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

showing the respective capacities in which they acted:

-, *Chainman.*
-, *Chainman.*
-, *Moundman.*
-, *Moundman.*
-, *Arman.*
-, *Arman.*
-, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

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

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

-, *Chainman.*
-, *Chainman.*
-, *Moundman.*
-, *Moundman.*
-, *Arman.*
-, *Arman.*
-, *Flagman.*

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



76

28

For

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

See Book C, subs. J. & N. Q. 14 E.

BOOK 2252

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

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

United States Deputy Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz May 26, 1911

The foregoing field notes of the survey of *the subdivided lines of T. 9 N. R. 15 E. Gila and Salt River Meridian, Arizona*

executed by *Jesse B. Wright, U.S. Dep. Surveyor* under his contract No. *160*, dated *Oct. 2, 1910*, 190 _____, 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.