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AUG 22 1910

Accepted B. L. O. letter  
E - dated Mar. 4 - 1912.

Book 6

BOOK 2249

2249

# FIELD NOTES

2249

OF THE SURVEY OF THE

Subdivision of T. 8 N., R. 14 E.,

2249

2249

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

Survey commenced June 20, 1910

Survey completed July 1, 1910

2249

2249

NAMES AND DUTIES OF ASSISTANTS.

James M. Barney, Chairman.

Edgar M. Darnall, Chairman.

Chas. E. Bean, Moundman.

Jno. P. Ellison, "  
Jose N. Lopez, Axeman.

Ben J. Kinsey, Axeman.

Francisco Gutierrez, Flagman.

BOOK 2249

INDEX DIAGRAM.

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10 203

BOOK 2249

PRELIMINARY OATHS OF ASSISTANTS.

WE, James M. Barnay, and Edgar M. Darnall,  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of Subdivision of T.8 N., R. 14 E., Subdivision of Tps. 7, 8 & 9 N., R. 15 E.


James M. Barnay, Chainman.  
Edgar M. Darnall, Chainman.

Subscribed and sworn to before me this 25<sup>th</sup>  
day of May, 1910  
My com. 24 Jan 25<sup>th</sup> 1913  


J. B. Evans  
Notary Public  
Roosevelt Ariz.

WE, Chas. E. Bean 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 Subdivision of T. 8 N., R. 14 E., Subdivision of Tps. 7, 8 & 9 N., R. 15 E.


Chas. E. Bean, Moundman.  
Jno P. Ellison, Moundman.

Subscribed and sworn to before me this 25<sup>th</sup>  
day of May, 1910  
My com. 24 Jan 25<sup>th</sup> 1913  


J. B. Evans  
Notary Public  
Roosevelt Ariz.

WE, Jose N. Lopez, and Ben. J. Kinsey,  
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 Subdivision of T. 8 N., R. 14 E., Subdivision of Tps. 7, 8 & 9 N., R. 15 E.


Jose N. Lopez, Axman.  
Ben. J. Kinsey, Axman.

Subscribed and sworn to before me this 25<sup>th</sup>  
day of May, 1910  
My com. 24 Jan 25<sup>th</sup> 1913  


J. B. Evans  
Notary Public  
Roosevelt Ariz.

I, Francisco Gutierrez, 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 Subdivision, T.8 N., R.14 E., Subdivision Tps. 7, 8 & 9 N., R.15 E.

Francisco Gutierrez, Flagman.

Subscribed and sworn to before me this 25<sup>th</sup>  
day of May, 1910  
My com. 24 Jan 25<sup>th</sup> 1913  


J. B. Evans  
Notary Public  
Roosevelt Ariz.

Subdivision of T. 8 N., R. 14 E.

Chains

Survey commenced June 20, 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 2 double verniers, placed opposite to each other, each reading to 1' of arc, which is also the least reading of the latitude and declination arcs of the solar. I examine and test carefully the adjustments of the transit and solar attachment, and find same correct. Then, in order to test the solar apparatus, by comparing the results of observations on the sun, made during p.m. and a.m. hours, with a true meridian determined by Polaris observations; I proceed as follows:

At 5h p.m., at the cor. of secs. 1, 2, 35 & 36, on South Boundary of T. 8 N., R. 14 E., as heretofore established and described by me, lat. 33° 59' 07" N. long. 110° 51' 55" W.; I set off 33° 59' N. on the lat. arc, and 23° 23' N. on the decl. arc, and determine a meridian with the solar, and mark the meridian thus determined by a cross on a fixed stone 5 chs. N. of my station.

June 20, 1910.

June 21, 1910.

At 1h 37m a.m., l.m.t., I observe Polaris at Eastern elongation, 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.

At 6h a.m., l.m.t., I set off the azimuth of Polaris at elongation, 1° 25' to the West, and mark the true meridian thus determined by a cross on the stone 5 chs. N. of my station, which point falls .25 ins. E. of the meridian point determined by the solar on preceding evening.

At 7h a.m., l.m.t., I set off 33° 59' N. on the lat. arc, and 23° 23' N. on the decl. arc, and determine a meridian with the solar, which meridian coincides with the true meridian as established 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 corner above described;

I run, as per instructions,  
N. 0° 1' W., bet. secs. 35 & 36.

Var. 14° 25' E.

Over mts. land, asc. prec. S. slope, with great difficulty.

15.00 Top, thence along rough broken East rim of Cherry creek canyon.

40.00 Set a limestone 20x10x10 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. No bearings available. Pits impracticable.

68.00 Desc. broken, stony NW. slope. As cor. point will fall on bluff, at

75.20 I set a limestone 24x14x10 ins., on bedrock, in mound of stone for witness cor. to cor. of secs. 25, 26, 35 & 36 marked W.C. on NE., face, with 1 notch on S. & E. edges, and raise a mound of stone 2 ft. base 1½ ft. high W. of cor. No bearings available. Pits impracticable.

78.00 Canyon, 150 lks. wide, 200 ft. deep, near mouth, course West, ascend, prec. SW. pt.

80.00 Cor. point of secs. 25, 26, 35 & 36, on bluff. Land, mts. Soil, 3rd rate, stony. No timber. Undergrowth, scrub oak, tesota, cacti. Elev. of cor. 4300 ft. Mts. land, exceptionally difficult to survey, 80.00 chs.

Chains	
	S. 39°58' E., on a random line, bet. secs. 25 & 36.
40.00	Set true $\frac{1}{4}$ sec. cor.
80.08	Intersect E. Bdy. of Tp. at cor. of secs. 25, 30, 35 & 36, whence I run, N. 39°58' W., on a true line bet. secs. 25 & 36. Over mts. land, asc. prec. SE. slope, with great difficulty.
3.00	Top of stony mesa, brs. NE. & SW.
15.00	Edge of mesa, brs. NW. & SE., desc. prec.
40.04	Set a limestone 24x12x8 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. No bearings available. Pits impracticable. Cor. on Stony N. slope, desc. steep NNW. slope.
55.00	Desc. very stony N. slope, along S. side of canyon.
70.00	Cross wash, 150 lks. wide, course WSW.
80.08	True point for cor. of secs. 25, 26, 35 & 36. Soil, 3rd & 4th rate, stony. Land, mountainous. No timber. Undergrowth, scrub oak, cacti. Mts. land, exceptionally difficult to survey, 80.08 chs. At this cor. at 12h 1m p.m., 1 m.t., I set off 23°27 $\frac{1}{2}$ ' N. on the decl. arc and observe the sun on the meridian. The resulting lat. is 34° N.
	N. 0° 1' W., bet. secs. 25 & 26. from true point for cor. Over mountainous land, over very rough, broken, steep W. slope, on E. side of box canyon, with great difficulty.
12.20	Top of bluff, brs. NNW. & SSE.
23.00	Desc. abrupt. into Walnut Creek canyon.
25.00	Canyon, 150 lks. wide, 150 ft. deep, course WSW., asc. prec.
50.00	Top of N. rim, brs. E. & W., enter heavy oak & juniper.
40.00	Set a sandstone 24x10x10 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, An oak tree 6 ins. diam. brs. S. 80 $\frac{3}{4}$ ° E. 65 lks. dist., marked $\frac{1}{4}$ S. 25 B.T. An oak tree 6 ins. diam. brs. S. 75 $\frac{1}{2}$ ° W. 44 lks. dist., marked $\frac{1}{4}$ S. 26 B.T.
	Thence across broad swale from wash, along East slope. through dense, heavy oak and juniper.
80.00	Set a granite stone 24x10x6 ins. 18 ins. in ground for cor. of secs. 23, 24, 25 & 26, marked with 2 notches on S. and 1 notch on E. edges, and from which, An oak tree 6 ins. diam. brs. N. 78 $\frac{1}{4}$ ° E. 62 lks. dist., marked T. 8 N., R. 14 E. S. 24 B.T. An oak tree 6 ins. diam. brs. S. 76 $\frac{1}{4}$ ° E. 23 lks. dist., marked T. 8 N., R. 14 E. S. 25 B.T. An oak tree 8 ins. diam. brs. S. 12° W. 10 lks. dist., marked T. 8 N., R. 14 E. S. 26 B.T. An oak tree 14 ins. diam. brs. N. 10° W. 60 lks. dist., marked T. 8 N., R. 14 E. S. 23 B.T.
	Land, mts. Soil, 3rd rate, sandy, stony. Timber, oak, juniper. Undergrowth, scrub oak, cacti. Mts. and broken land or land heavily timbered and exceptionally difficult to survey, 80.00 chs.

Chains.	S. 89° 53' E., on a random line bet. secs. 24 & 25
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect East Bdy. at point 5 lks. S. of cor. of secs. 19, 24, 25 & 30, whence I run, West, on a true line, bet. secs. 24 & 25. Over mts. land, desc. steep NW. slope, through dense scrub oak, and thorn, and buckbrush, With great difficulty.
24.00	Walnut Cr. 30 lks. wide, course WSW., asc. SE. slope.
40.00	Top of spur, brs. SW. & NE. Set a Syenite stone 24x6x6 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. No bearings available. Pits impracticable.
45.00	Desc. Steep SW. slope.
59.00	Gulch 50 lks. wide, course SW., asc.
68.00	Flat ridge, brs. SW. & NE., desc.
80.00	To cor. of secs. 23, 24, 25 & 26. Land, mts., broken. Soil, 3rd rate, stony, gravelly. Timber, scattering oak and juniper. Undergrowth, scrub oak, thorn, manzanita, cacti. Mts. land, or land covered with dense undergrowth, and exceptionally difficult to survey, 80.00 chs. June 21, 1910.
June 22, 1910.	
At 7h a.m., l.m.t., at the cor. of secs. 23, 24, 25 & 26, I set off 23° 23' N. on the decl. arc, and 34° 1' N. on the lat. arc, and determine a true meridian with the solar, Thence I run,	
N. 0° 1' W., bet. secs. 23 & 24. Over mts. and broken land, through dense scrub oak, and oak timber, with great difficulty.	
15.00	Arroyo, 80 lks. wide, course WNW., asc. steep.
30.00	Top of E. pt. of hill, desc.
39.00	Gulch 150 lks. wide, course W., asc.
40.00	Set a granite stone 20x8x3 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 8 ins. diam. brs. N. 30° W. 18 lks. dist., marked $\frac{1}{4}$ S. 23 B.T. An oak tree 8 ins. diam. brs. S. 60° E. 18 lks. dist., marked $\frac{1}{4}$ S. 24 B.T.
45.00	Asc. steep in stony bed of steep gulch.
77.00	Asc. along W. side of Gulch.
80.00	Set a sandstone 30x12x8 ins. on bed-rock, in mound of stone for cor. of secs. 13, 14, 23 & 24, marked with 3 notches on S. and 1 notch on E. edges, and raise a mound of stone 3 ft. base 2 ft. high W. of cor. No bearings available. Pits impracticable. Land, mts., broken. Soil, 3rd rate, stony. Timber, oak, juniper. Undergrowth, scrub oak, manzanita, thorn. Mts. land, or land covered with dense undergrowth, and exceptionally difficult to survey, 80.00 chs.
East, on a random line bet. secs. 13 & 24.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect W. Bdy. at point 9 lks. N. of cor. of secs. 13, 18, 19 & 24, whence I run, N. 89° 56' W., on a true line bet. secs. 13 & 24. Over mts. land, asc. stony, SE. slope, with great difficulty.
10.00	Asc. prec. SE. slope.

Chains.	
29.00	Top of S. point of bluff, brs. NE. & NW., from point. Desc. steep SW. slope.
	As cor. point for $\frac{1}{4}$ sec. cor. will fall on prec. wall of canyon at
37.00	Set a sandstone 18x6x6 ins. 12 ins. in ground for witness cor. to $\frac{1}{4}$ sec. cor., marked W.C. $\frac{1}{4}$ 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.
39.00	Wire fence, brs. N. & S.
40.05	Desc. prec. $\frac{1}{4}$ sec. cor.
52.00	Canyon, 18 chs. wide, 200 ft. deep, course S., asc. prec.
60.00	West rim of canyon, brs. N. & S., desc. steep SW. slope.
79.80	Canyon 50 lks. wide, course S., asc.
80.10	To cor. of secs. 13, 14, 23 & 24, Land, mts., very rough and broken. Soil, 3rd & 4th rate, stony. Timber, scattering oak, cedar. Undergrowth, scrub oak, tesselata, thorn. Mts., broken land, exceptionally difficult to survey, 80.10 chs. At this cor. at 12h 1 $\frac{1}{2}$ p.m., l.m.t., I set off 23° 27' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 34° 2' N.
	N. 0° 1' W., bet. secs. 13 & 14: Over mts. land, asc. broken stony ground, with great difficulty.
8.00	Top, thence along rough, broken W. slope.
40.00	Set a sandstone 24x12x8 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. No bearings available. Pits impracticable.
46.00	Gulch 60 lks. wide, course W.,
58.00	Gulch 80 lks. wide, course W.
80.00	Set a sandstone 24x3x6 ins. 18 ins. in ground for cor. of secs. 11, 12, 13 & 14, marked with 4 notches on S. & 1 notch on E. edges, and raise a mound of stone 3 ft. base 2 ft. high W. of cor. from which, An oak tree 12 ins. diam. brs. N. 5° E. 56 lks. dist., marked T. 8 N., R. 14 E. S. 12 B.T. A juniper tree 20 ins. diam. brs. S. 41° E. 21 lks. dist., marked T. 8 N., R. 14 E. S. 13 B.T. An oak tree 12 ins. diam. brs. S. 75° W. 26 lks. dist., marked T. 8 N., R. 14 E. S. 14 B.T. An oak tree 8 ins. diam. brs. N. 82 $\frac{1}{4}$ ° W. 43 lks. dist., marked T. 8 N., R. 14 E. S. 11 B.T. Land, mts. Soil, 3rd rate, stony. Timber, scattering oak, juniper. Undergrowth, scrub oak, buckbrush. Mts. broken and stony land, exceptionally difficult to survey, 80.00 chs.
	June 22, 1910.



Chains.	<p>June 23, 1910.</p> <p>At 7h a.m., l.m.t., at the cor. of secs. 11, 12, 13 &amp; 14, I set off <math>34^{\circ} 2' N.</math> on the lat. arc, and <math>23^{\circ} 27' N.</math> on the decl. arc, and determine a true meridian with the solar. Thence I run,</p> <p>S. <math>89^{\circ} 56' E.</math>, on a random line bet. secs. 12 &amp; 13.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>80.20 Intersect E. Bdy. at point 9 lks. N. of cor. of secs. 7, 12, 13 &amp; 18, whence I run,</p> <p>N. <math>89^{\circ} 52' W.</math>, on a true line bet. secs. 12 &amp; 13.</p> <p>Over mts. land, along N. slope, through dense scrub oak with great difficulty.</p> <p>8.30 Canyon, 50 lks. wide, course NE. asc. steep.</p> <p>22.00 Top of mesa, brs. N. &amp; S. Over very stony ground.</p> <p>36.00 Desc. grad.</p> <p>40.10 Set a sandstone 24x14x8 ins. 18 ins. in ground for <math>\frac{1}{4}</math> sec. cor. marked <math>\frac{1}{4}</math> on N. face, from which,</p> <p>A juniper tree 24 ins. diam. brs. N. <math>24\frac{1}{2}^{\circ} W.</math> 77 lks. dist., marked <math>\frac{1}{4}</math> S. 12 B.T.</p> <p>A juniper tree 20 ins. diam. brs. S. <math>74\frac{1}{2}^{\circ} W.</math> 30 lks. dist., marked <math>\frac{1}{4}</math> S. 13 B.T.</p> <p>50.00 West rim of mesa, brs. N. &amp; S., desc. prec. W. slope.</p> <p>70.00 Gulch 50 lks. wide, course WNW. desc. grad.</p> <p>80.20 To cor. of secs. 11, 12, 13 &amp; 14.</p> <p>Land, mts. Soil, 2nd &amp; 3rd rate, stony.</p> <p>Timber, scattering oak, juniper.</p> <p>Undergrowth, scrub oak.</p> <p>Mts. land, stony and broken, and exceptionally difficult to survey, 80.20 chs.</p>
	<p>N. <math>0^{\circ} 1' W.</math>, bet. secs. 11 &amp; 12.</p> <p>Over mts. land, along very stony, broken W. slope, near foot of bluff, with great difficulty.</p> <p>2.00 Gulch 80 lks. wide, course W., asc.</p> <p>10.00 Ridge, brs. W. &amp; E., desc.</p> <p>20.00 Stony gulch 2 chs. wide, course W. asc. grad.</p> <p>36.50 Gulch 80 lks. wide, course W., asc.</p> <p>40.00 Set a quartzite stone 20x10x10 ins. 15 ins. in ground for <math>\frac{1}{4}</math> sec. cor. marked <math>\frac{1}{4}</math> on W. face, and from which,</p> <p>An oak tree 8 ins. diam. brs. N. <math>71\frac{1}{2}^{\circ} E.</math> 87 lks. dist., marked <math>\frac{1}{4}</math> S. 12 B.T.</p> <p>An oak tree 12 ins. diam. brs. N. <math>48\frac{1}{2}^{\circ} W.</math> 201 lks. dist., marked <math>\frac{1}{4}</math> S. 11 B.T.</p> <p>44.00 Ridge, brs. W. &amp; E., desc.</p> <p>52.00 Gulch 80 lks. wide, course W., asc.</p> <p>76.50 Gulch 50 lks. wide, course W. asc. steep.</p> <p>80.00 Set a granite stone 24x3x6 ins. 13 ins. in ground for cor. of secs. 1, 2, 11 &amp; 12, marked with 5 notches on S. and 1 notch on E. edges, and from which,</p> <p>An oak tree 12 ins. diam. brs. N. <math>34^{\circ} E.</math> 46 lks. dist., marked T. 8 N., R. 14 E. S. 1 B.T.</p> <p>An oak tree 8 ins. diam. brs. S. <math>74\frac{1}{2}^{\circ} E.</math> 140 lks. dist., marked T. 8 N., R. 14 E. S. 12 B.T.</p> <p>An oak tree 10 ins. diam. brs. S. <math>66\frac{1}{4}^{\circ} W.</math> 133 lks. dist., marked T. 8 N. R. 14 E. S. 11 B.T.</p> <p>An oak tree 14 ins. diam. brs. N. <math>46\frac{1}{2}^{\circ} W.</math> 87 lks. dist., marked T. 8 N., R. 14 E. S. 2 B.T.</p> <p>Land, mts. rough and broken.</p> <p>Soil, 3rd rate, stony.</p> <p>Timber, scattering oak, juniper.</p> <p>Undergrowth, scrub oak, buckbrush.</p> <p>Mts. land, exceptionally difficult to survey, 80.00 chs.</p> <p>At this cor. at 12h 2m p.m., l.m.t., I set off <math>23^{\circ} 27' N.</math> on the decl. arc and observe the sun on the meridian.</p> <p>The resulting lat. is <math>34^{\circ} 3' N.</math> ✓</p>

Chains.	
	S. 89°52' E., on a random line bet. secs. 1 & 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. Bdy. at point 14 lks. S. of cor. of secs. 1, 6, 7 & 12, whence I run, N. 89°53' W., on a true line bet. secs. 1 & 12. Over very rough mts. land, desc. steep NW. slope, through dense scrub oak and buckbrush, with great dif- ficulty.
12.00	Canyon 80 lks. wide, 100 ft. deep, course NNW. asc. steep.
34.00	Top of high stony N. point, brs. N. & S. elev. 5200 ft. Desc. steep stony NW. slope, through dense oak timber.
40.03	Set a sandstone 24x12x6 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which, An oak tree 12 ins. diam. brs. S. 45° W. 11 lks. dist., marked $\frac{1}{4}$ S. 12 B.T. An oak tree 8 ins. diam. brs. N. 34° E. 35 lks. dist., marked $\frac{1}{4}$ S. 1 B.T.
46.20	Trail, Young to Ellisons, brs. NW. & SE.
80.06	To cor. of secs. 1, 2 $\frac{1}{2}$ 11 & 12. Land, mts. Soil, 3rd rate, stony. Timber, oak, juniper. Undergrowth, scrub oak, buckbrush. Mts. land, exceptionally difficult to survey, 80.06 chs.
<hr/>	
	N. 0° 1' W., bet. secs. 1 & 2. Over very broken, stony mts. land, along W. slope. with great difficulty.
15.00	Enter dense oak and juniper, and cedar.
33.00	Gulch 2 chs. wide, course W., asc. grad.
40.00	Cor. point for $\frac{1}{4}$ sec. cor. falls in gulch 130 lks. wide, course W.
42.00	Top of N. bank, Set a quartz stone 20x3x6 ins. 15 ins. in ground for Witness cor. to $\frac{1}{4}$ sec. cor., marked W.C. $\frac{1}{4}$ on W. face from which, A cedar tree 20 ins. diam., brs. S. 77° E. 40 lks. dist., marked $\frac{1}{4}$ S. 1 W.C.B.T. A cedar tree 12 ins. diam. brs. S. 61° W. 52 lks. dist., marked $\frac{1}{4}$ S. 2 W.C.B.T.
63.50	Wash 20 lks. wide, course SW. along W. slope.
79.35	Intersect 2nd Standard Parallel North, Set a sandstone 24x14x10 ins. 18 ins. in ground for closing cor. of secs. 1 & 2, marked C.C. on S., with 1 notch on E. & 5 notches on W. faces, and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high S. of cor. No trees available. Pits impracticable. Standard $\frac{1}{4}$ sec. cor. on S. Bdy. of sec. 35, T. 9 N. R. 14 E., brs. West, 13.27 chs. dist., which is a sandstone 6x5x6 ins. above ground, marked and witnessed as described by the Surveyor General. Land, mts. Soil, 3rd rate, very stony. Timber, pine, oak, juniper, cedar. Undergrowth, scrub oak, pine, cedar, manzanita. Mts. land, covered with dense undergrowth, exceptionally difficult to survey, 79.35 chs. June 23, 1910.

## Chains.

- June 24, 1910.  
At 7h a.m., at the cor. of secs. 2, 3, 34 & 35, on S. Bdy. of Tp. as heretofore established and described by me, I set off  $23^{\circ}27'$  N. on the decl. arc, and  $33^{\circ}59'$  N. on the lat. arc, and determine a true meridian with the solar. Thence I run,  
N.  $0^{\circ}1'$  W., bet. secs. 34 & 35.  
Over mts. land, asc. grad. very broken, stony ground, with great difficulty, flat known as Oliver mesa.  
22.00 Canyon 4 chs. wide, 100 ft. deep, course SW.  
40.00 Mark a granite boulder in place,  $40 \times 36 \times 13$  ins. above ground, for  $\frac{1}{4}$  sec. cor., marked with cross (x) at exact cor. point, with  $\frac{1}{4}$  on W. of cross, and raise a mound of stone 3 ft. base 2 ft. high W. of cor.  
No bearings available. Pits impracticable.  
50.00 Asc. steep SE. slope.  
67.70 Top of East side of Cow Flat mountain, thence along prec. E. slope of same, through dense oak.  
80.00 Set a granite stone  $30 \times 13 \times 12$  ins. 24 ins. in ground for cor. of secs. 26, 27, 34 & 35, marked with 1 notch on S. and 2 notches on E. edges, from which,  
An oak tree 10 ins. diam. brs. N.  $30^{\circ}$  E. 63 lks. dist., marked T. 8 N. R. 14 E. S. 26 B.T.  
An oak tree 14 ins. diam. brs. S.  $39^{\circ}$  E. 76 lks. dist., marked T. 8 N., R. 14 E. S. 35 B.T.  
An oak tree 14 ins. diam. brs. S.  $42^{\circ}$  W. 80 lks. dist., marked T. 8 N., R. 14 E. S. 34 B.T.  
An oak tree 14 ins. diam. brs. N.  $43^{\circ}$  W. 49 lks. dist., marked T. 8 N., R. 14 E. S. 27 B.T.  
Land, mts. broken. Soil, Stony, 3rd rate.  
Timber, oak. Undergrowth, scrub oak, buckbrush.  
Mts. land, rough and broken, and exceptionally difficult to survey, 80.00 chs.
- 
- S.  $39^{\circ}58'$  E., on a random line bet. secs. 26 & 35.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect N. & S. line at point 7 lks. N. of true pt. for cor. of secs. 25, 26, 35 & 36, whence I run,  
N.  $89^{\circ}55'$  W., on a true line bet. secs. 26 & 35.  
Over broken, stony, mts. land, desc. with great difficulty.  
3.00 Canyon,  $\frac{1}{2}$  chs. wide, 150 ft. deep, course S. Walnut creek.  
10.00 Top of mesa, brs. N. & S.  
15.65 Desc. abrupt. East rim of Cherry Creek canyon.  
20.00 Cherry Creek, 2 chs. wide, course S., running water 15 lks. wide, 4 ins. deep., asc. prec.  
25.00 West rim of canyon, brs. N. & S.  
Asc. grad., very stony ground.  
30.00 Enter dense oak, and manzanita.  
40.02 Set a granite stone  $20 \times 12 \times 10$  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,  
An oak tree 8 ins. diam. brs. S.  $61^{\circ}$  E. 36 lks. dist., marked  $\frac{1}{4}$  S. 35 B.T.  
An oak tree 6 ins. diam. brs. N.  $6^{\circ}$  W. 57 lks. dist., marked  $\frac{1}{4}$  S. 26 B.T.  
Asc. E. slope, through jungle of scrub oak & manzanita.  
80.04 To cor. of secs. 26, 27, 34 & 35.  
Land, mts., Soil, 3rd rate, stony, gravelly.  
Timber, oak, juniper.  
Undergrowth, scrub oak, manzanita, buckbrush.  
Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 80.04 chs.  
At this cor. at 12h 2m p.m., l.m.t., I set off  $23^{\circ}26'$  N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is  $34^{\circ}$  N.

Chains.

N.  $0^{\circ} 1'$  W., bet. secs. 26 & 27.  
Over mts. land, desc. grad. over broken mesa, through dense oak timber, with great difficulty.

36.00 Desc. steep.

40.00 Set a granite stone 24x12x12 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.  
No bearings available. Pits impracticable.

54.00 Turkey creek, 2 chs. wide, course E., running water 8 lks. wide, 2 ins. deep., asc.

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

75.00 Wash 30 lks. wide, course E., asc.

80.00 Set a granite stone 24x14x10 ins. 18 ins. in ground for cor. of secs. 22, 23, 26 & 27, marked with 2 notches on S. & E. edges, from which,  
An oak tree 10 ins. diam. brs. N.  $62^{\circ}$  E. 47 lks. dist., marked T. 8 N., R. 14 E. S. 23 B.T.  
An oak tree 12 ins. diam. brs. S.  $44\frac{1}{4}^{\circ}$  E. 140 lks. dist., marked T. 8 N., R. 14 E. S. 26 B.T.  
An oak tree 6 ins. diam. brs. S.  $66\frac{1}{4}^{\circ}$  W. 56 lks. dist., marked T. 8 N., R. 14 E. S. 27 B.T.  
An oak tree 6 ins. diam. brs. N.  $35^{\circ}$  W. 59 lks. dist., marked T. 8 N., R. 14 E. S. 22 B.T.

Land, mts. Soil, 3rd rate, gravelly, stony.  
Timber, oak, juniper.  
Undergrowth, scrub oak, manzanita, buckbrush.  
Mts. land, covered with dense undergrowth, and exceptionally difficult to survey, 80.00 chs.

S.  $89^{\circ} 55'$  E., on a random line bet. secs. 23 & 26.

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

80.00 Intersect N. & S. line at point 12 lks. S. of cor. of secs. 23, 24, 25 & 26, whence I run, West, on a true line bet. secs. 23 & 26.  
Over mts. land, desc. over stony ground, through dense oak, with great difficulty.

11.00 Wash 80 lks. wide, course SW.

18.00 Gulch 50 lks. wide, course SW.,

30.00 Desc. prec.

37.35 Middle of Cherry creek, 3 chs. wide, course S., running water 20 lks. wide, 3 ins. deep,

39.00 Asc. steep.

40.00 Set a sandstone 24x14x10 ins. 18 ins. in ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, from which,  
A juniper tree 12 ins. diam. brs. S.  $47^{\circ}$  E. 79 lks. dist., marked  $\frac{1}{4}$  S. 26 B.T.  
An oak tree 6 ins. diam. brs. N.  $26^{\circ}$  W. 68 lks. dist., marked  $\frac{1}{4}$  S. 23 B.T.  
An abandoned cabin, brs. South, about 30 chs.

A Asc. grad., through dense oak, very stony ground.

80.00 To cor. of secs. 22, 23, 26 & 27:  
Land, mts.  
Soil, 2nd & 3rd, rate, stony, gravelly.  
Timber, Oak, juniper.  
Undergrowth, scrub oak, manzanita.  
Mts. land, covered with loose stones and dense undergrowth, exceptionally difficult to survey, 80.00 chs.  
June 24, 1910.

June 25, 1910.

At 7h a.m., l.m.t., at the cor. of secs. 22, 23, 26 & 27, I set off  $23^{\circ} 26'$  N. on the decl. arc, and  $34^{\circ} 1'$  N. on the Lat. arc, and determine a true meridian with the solar. Thence I run,

Chains	
	N. 0°, 1' W., bet. secs. 22 & 23. Over mts. land, along broken E. slope, through dense manzanita, and scru oak, with great difficulty.
40.00	Set a sandstone 24x12x10 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, from which, An oak tree 14 ins. diam. brs. N. 68 $\frac{1}{4}$ ° E. 62 lks. dist. marked $\frac{1}{4}$ S. 23 B.T. An oak tree 20 ins. diam. brs. S. 40° W. 13 lks. dist., marked $\frac{1}{4}$ S. 22 B.T.
	Desc. from cor.
55.00	Middle of Cherry Creek, course SE., stream of water, 15 lks. wide, 4 ins. deep.
57.00	Asc. steep SW. slope.
62.00	Sharp spur, brs. W. & E., desc. Abandoned cabin on East side of Cherry creek, brs. East, 20 chs. dist.
69.00	Cherry creek, course SW., asc. steep. Elev. 4200 ft.
76.00	Leave valley, asc. SE. slope.
80.00	Set a sandstone 18x12x8 ins. 12 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 $1\frac{1}{2}$ ft. high W. of cor., from which, A Cherry tree 6 ins. diam. brs. S. 2° W. 38 lks. dist., marked T. 8 N., R. 14 E. S. 22 B.T. An oak tree 24 ins. diam. brs. N. 27° E. 50 lks. dist., marked T. 8 N., R. 14 E. S. 14 B.T. Land, mts., Soil, 3rd rate, gravelly, stony. Timber, oak, cottonwood, cherry. Undergrowth, scrub oak, manzanita. Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs.
	East, on a random line bet. secs. 14 & 23
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. & S. line at point 12 lks. S. of cor. of cor. of secs. 13, 14, 23 & 24, whence I run, S. 89° 55' W., on a true line, bet. secs. 14 & 23. Over mts. land, asc. steep, stony E. slope, through dense scrub oak, and buckbrush, with great difficulty.
3.00	Top of W. rim of canyon, thence along steep S. slope, over loose stones.
22.00	Desc. steep W. slope.
35.00	Gulch 20 lks. wide, course SSW. asc.
39.95	Top of rise, desc. Set a quartz stone 24x12x6 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N., face, and raise amount of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. No bearings available. Pits impracticable.
49.50	Gulch 50 lks. wide, course S. asc.
61.00	Top, thence along steep S. slope.
67.00	Desc. SW. slope, very steep.
77.50	Cherry creek, narrows, canyon 4 chs. wide, 200 ft. deep, course SSE., water, 15 lks. wide, 3 ins. deep.
79.00	Asc. steep.
79.90	Cor. of secs. 14, 15, 22 & 23. Land, mts. broken. Soil, stony, 3rd rate. Timber, oak, juniper, cottonwood, sycamore, in canyon. Undergrowth, scrub oak, manzanita. Mts. land, covered with dense undergrowth, and exceptionally difficult to survey, 79.90 chs. At this cor. at 12h 2m p.m., l.m.t., I set off 23° 25' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 34° 2' N.

## Chains.

- N. 0° 1' W., bet. secs. 14 & 15.  
Over rough, broken stony mts. land, in canyon of Cherry creek, through dense oak, cottonwood, sycamore, with great difficulty.
- 3.80 Cherry creek, course SSE.  
35.70 Asc. prec. SW. slope.  
18.00 Top of W. pt. of bluff, desc. prec. NW. slope.  
31.82 Cherry creek, course SW., asc. steep, SE. slope.  
40.00 Set a sandstone 24x14x10 ins. 18 ins. in ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, from which,  
An oak tree 6 ins. diam. brs. N. 24° E. 20 lks. dist., marked  $\frac{1}{4}$  S. 14 B.T.  
An oak tree 14 ins. diam. brs. N. 57° W. 26 lks. dist., marked  $\frac{1}{4}$  S. 15 B.T.  
43.00 Top of E. pt. of bluff, desc. prec. NE. slope.  
60.00 Enter wash of Cherry creek, course SSE. 4 chs. wide. running water 10 lks. wide, 3 ins. deep.  
72.00 Leave creek, asc. SW. slope.  
80.00 Set a sandstone 24x14x6 ins. 18 ins. in ground for cor. of secs. 10, 11, 14 & 15, marked with 4 notches on S & 2 notches on E. edges, and from which,  
A cedar tree 20 ins. diam. brs. N. 10 $\frac{1}{2}$ ° E. 26 lks. dist., marked T. 8 N., R. 14 E. S. 11 B.T.  
An oak tree 14 ins. diam. brs. S. 53° E. 91 lks. dist., marked T. 8 N., R. 14 E. S. 14 B.T.  
An oak tree 14 ins. diam. brs. S. 71° W. 21 lks. dist., marked T. 8 N., R. 14 E. S. 15 B.T.  
An oak tree 10 ins. diam. brs. N. 77° W. 81 lks. dist., marked T. 8 N., R. 14 E. S. 10 B.T.
- Land, mts. broken.  
Soil, 2nd & 3rd rate, gravelly, stony.  
Timber, oak, juniper, cottonwood, sycamore, cedar.  
Undergrowth, scrub oak, cedar, thorn.  
Mts. land, heavily timbered, or covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs.
- 
- N. 89° 55' E., on a random line bet. secs. 11 & 14.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.84 Intersect N. & S. line at a point 5 lks. N. of cor. of secs. 11, 12, 13 & 14, whence I run, S. 39° 57' W., on a true line bet. secs. 11 & 14.  
Over mts. land, desc. steep W. slope, with great difficulty.  
17.70 Gulch 50 lks. wide, course WSW., asc.  
20.00 Top of ridge, WSW., desc. on same.  
39.92 Set a sandstone 24x12x6 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 20 ins. diam. brs. N. 31° W. 90 lks. dist., marked  $\frac{1}{4}$  S. 11 B.T.  
No other bearings available. Pits impracticable.  
Desc. broken W. slope, on flat ridge, over loose stones.  
79.84 To cor. of secs. 10, 11, 14 & 15.  
Land, mts., broken.  
Soil, 3rd rate, stony. good grazing.  
Timber, oak, juniper.  
Undergrowth, scrub oak.  
Mts. land, exceptionally difficult to survey, 79.84 chs.

## Chains.

- N.  $0^{\circ} 1'$  W., bet. secs. 10 & 11,  
Over broken, stony land, asc. grad. in valley of  
Cherry creek, through scattering oak and cedar,  
with great difficulty.
- .20 Gulch 20 lks. wide, course W.,  
12.00 Enter Cherry creek, course SSW.  
20.50 Leave creek, course SSE.  
26.00 Enter creek, course SSE.  
39.60 Leave creek, course SE., asc.  
40.00 Set a sandstone  $20 \times 10 \times 3$  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.  
No bearings available. Pits impracticable.  
An abandoned house and corral, brs. N.  $28^{\circ}$  E. 5 chs. dist.
- 45.00 Leave valley, asc. SE. point.  
50.00 Top of SE. point, thence along very broken SE. slope,  
over loose stones. many small gulches and ridges, SE.  
74.00 Top of main spur, brs. E. & W., desc.  
79.20 Gulch 30 lks. wide, course NW., asc.  
80.00 Set a sandstone  $20 \times 10 \times 6$  ins. 15 ins. in ground for  
cor. of secs. 2, 3, 10 & 11, marked with 5 notches on  
S. & 2 notches on E. edges, and from which,  
An oak tree 10 ins. diam. brs. N.  $50^{\circ}$  E. 133 lks. dist.,  
marked T. 8 N., R. 14 E. S. 2 B.T.  
An oak tree 3 ins. diam. brs. S.  $52\frac{1}{2}^{\circ}$  E. 90 lks. dist.,  
marked T. 8 N., R. 14 E. S. 11 B.T.  
An oak tree 3 ins. diam. brs. S.  $17\frac{1}{4}^{\circ}$  W. 32 lks. dist.,  
marked T. 8 N., R. 14 E. S. 10 B.T.  
An oak tree 15 ins. diam. brs. N.  $66\frac{1}{2}^{\circ}$  W. 57 lks. dist.,  
marked T. 8 N., R. 14 E. S. 3 B. T.
- Land, mts., broken.  
Soil, 2nd & 3rd rate, stony, gravelly.  
Timber, oak, juniper. Undergrowth, scrub oak.  
Mts. broken, stony land, exceptionally difficult to  
survey, 80.00 chs.

June 25, 1910.

June 26, 1910.

- At 7h a.m., l.m.t. at the cor. of secs. 2, 3, 10 & 11,  
I set off  $23^{\circ} 24\frac{1}{2}'$  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.  $89^{\circ} 57'$  E., on a random line bet. secs. 2 & 11.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.90 Intersect cor. of secs. 1, 2, 11 & 12, whence I run,  
S.  $89^{\circ} 57'$  W., on a true line bet. secs. 2 & 11.  
Over mts. land, desc. grad. through dense oak timber,  
with great difficulty.
- 39.95 Set a sandstone  $24 \times 14 \times 10$  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 10 ins. diam. brs. S.  $10^{\circ}$  E. 172 lks. dist.,  
marked  $\frac{1}{4}$  S. 11 B.T.  
No other bearings available. Pits impracticable.
- 52.00 Crouch creek, (dry) 150 lks. wide, course SW., asc. steep.  
58.00 Spur, brs. SE. & NW., desc.  
64.00 Gulch 30 lks. wide, course SE., asc.  
75.50 Top of flat ridge, brs. S. & N., desc.  
79.90 To cor. of secs. 2, 3, 10 & 11.  
Land, mts., broken. Soil, 3rd rate, gravelly, stony.  
Timber, oak, juniper.  
Undergrowth, scrub oak,  
Mts. land, exceptionally difficult to survey, 79.90 chs.

Chains.	
	N. 0° 1' W., bet. secs. 2 & 3. Over mts. land, asc. grad., over broken ground, through dense oak, and juniper, with great difficulty.
11.90	Gulch 30 lks. wide, course WSW.
36.00	Trail, Ellisons to Young, brs. E. & W.
40.00	Set a sandstone 15x8x8 ins. 10 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, and from which, An oak tree 10 ins. diam. brs. S. 42° E. 134 lks. dist., marked $\frac{1}{4}$ S. 2 B.T. An oak tree 6 ins. diam. brs. S. 30° W. 103 lks. dist., marked $\frac{1}{4}$ S. 3 B.T.
69.50	Enter dense scrub oak, tesota, and blackbrush. Gulch 50 lks. wide, course SW., asc. steep.
79.25	Intersect 2nd Standard Parallels North, at which point I Set a quartz stone 24x14x10 ins. 18 ins. in ground for closing cor. of secs. 2 & 3, marked C.C. on S., with 2 notches on E. & 4 notches on W. faces, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of cor. No bearings available. Pits impracticable. From this closing cor., the Std. $\frac{1}{4}$ sec. cor. on S. Bdy. sec. 34, T. 9 N., R. 14 E., brs. West, 13.65 chs. dist., which is a shale stone 8x5x3 ins. above ground, marked and witnessed as described by the Surveyor General. Land, mts. broken. Soil, 2nd & 3rd rate, stony, gravelly., good grazing. Timber, oak, juniper, cedar. Undergrowth, scrub oak, manzanita, blackbrush, tesota. Mts. land covered with dense undergrowth, exceptionally difficult to survey, 79.25 chs. At this cor. at 12h 2 $\frac{1}{2}$ p.m., l.m.t., I set off 23° 23' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 34° 4' N.
	pt. for cor.
	From the true $\Delta$ of secs. 3, 4, 33 & 34, on S. Bdy. of Tp. as heretofore established and described, I run, N. 0° 2' W., bet. secs. 33 & 34. Over mts. land, asc. steep SE. slope, through jungle of scrub oak, manzanita and black brush, with great difficulty.
22.00	Top of high ridge, brs. NE. & SW., Elev. 4400 ft., desc. NW. slope, through pine, juniper and oak.
40.00	Set a syenite stone 13x8x6 ins. 12 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, from which, A juniper tree 12 ins. diam. brs. East, 39 lks. dist., marked $\frac{1}{4}$ S. 34 B.T. An oak tree 10 ins. diam. brs. S. 35° W. 54 lks. dist., marked $\frac{1}{4}$ S. 33 B.T.
80.00	Set a quartzite stone 24x12x8 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 from which, An oak tree 13 ins. diam. brs. N. 10 $\frac{1}{2}$ ° E. 55 lks. dist., marked T. 8 N., R. 14 E. S. 27 B.T. A juniper tree 18 ins. diam. brs. S. 65° E. 50 lks. dist., marked T. 8 N., R. 14 E. S. 34 B.T. An oak tree 12 ins. diam. brs. N. 49 $\frac{1}{2}$ ° W. 49 lks. dist., marked T. 8 N., R. 14 E. S. 23 B.T. A juniper tree 36 ins. diam. brs. S. 52 $\frac{1}{2}$ ° W. 241. lks. dist., marked T. 8 N., R. 14 E. S. 33 B.T.
	Land, mts. Soil, 3rd rate, stony. Timber, pine, oak, juniper. Undergrowth, scrub oak, manzanita, blackbrush. Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 80.00 chs.



Chains  
 40.00 S. 89°53' E., on a random line bet. secs. 27 & 34.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect cor. of secs. 26, 27, 34 & 35, whence I run,  
 N. 89°53' W., on a true line bet. secs. 27 & 34.  
 Over mts. land, asc. steep, broken NE. slope of  
 Cow Flat mtn., through dense scrub oak, with great  
 difficulty.  
 40.00 Set a syenite stone 16x3x6 ins. 12 ins. in ground for  
 $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, from which,  
 A juniper tree 18 ins. diam. brs. S. 10° W. 34 lks. dist.,  
 marked  $\frac{1}{4}$  S. 34 B.T.  
 An oak tree 6 ind. diam. brs. N. 30° W. 33 lks. dist.,  
 marked  $\frac{1}{4}$  S. 27 B.T.  
 50.00 Top of N. side of Cow Flat mtn., brs. N. & S., desc.  
 broken NW. slope, through dense oak and juniper, pine.  
 80.00 To cor. of secs. 27, 28, 33 & 34.  
 Land, mts. Soil, 3rd rate, stony.  
 Timber, pine, oak, juniper.  
 Undergrowth, scrub oak, pine.  
 Mts. land heavily timbered or covered with dense under-  
 growth, exceptionally difficult to survey, 80.00 chs.

N. 0°2' W., bet. secs. 27 & 28,  
 Over mts. land, desc. broken NW. slope, through dense  
 scrub oak and manzanita, pine and juniper timber,  
 with great difficulty.  
 37.00 Gulch, 80 lks. wide, course NW., asc.  
 40.00 Set a syenite stone 24x14x10 ins. 18 ins. in ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, from which,  
 An oak tree 3 ins. diam. brs. S. 37° E. 20 lks. dist.,  
 marked  $\frac{1}{4}$  S. 27 B.T.  
 An oak tree 8 ins. diam. brs. S. 33° W. 58 lks. dist.,  
 marked  $\frac{1}{4}$  S. 28 B.T.  
 43.00 Spur, brs. W. & E., desc. N. slope.  
 45.55 Desc. prec. NW. slope.  
 52.00 Canyon 2 chs. wide, 200 ft. deep, course East, known as  
 Turkey creek., asc. prec. SE. slope.  
 60.00 East pt. of high butte, Top 5 chs. W.  
 63.30 Desc. prec. NE. slope.  
 70.00 Canyon, 150 lks. wide, N. branch of Turkey creek,  
 course SE., running water 5 lks. wide, 3 ins. deep.  
 Asc. steep SW. slope.  
 80.00 Set a granite stone 20x10x6 ins. 15 ins. in ground for  
 cor. of secs. 21, 22, 27 & 28, marked with 2 notches on  
 S. & 3 notches on E. edges, and from which,  
 An oak tree 8 ins. diam. brs. N. 16° E. 63 lks. dist.,  
 marked T. 8 N., R. 14 E. S. 22 B.T.  
 An oak tree 12 ins. diam. brs. S. 57° E. 8 lks. dist.,  
 marked T. 8 N., R. 14 E. S. 27 B.T.  
 An oak tree 12 ins. diam. brs. S. 54° W. 103 lks. dist.,  
 marked T. 8 N., R. 14 E. S. 23 B.T.  
 An oak tree 10 ins. diam. brs. N. 77° W. 16 lks. dist.,  
 marked T. 8 N., R. 14 E. S. 21 B.T.  
 Land, mts. Soil, 3rd rate, stony.  
 Timber, oak, pine, juniper, sycamore, wild cherry.  
 Undergrowth, scrub oak, pine, locust, tesota.  
 Mts. land, heavily timbered or covered with dense under-  
 growth, exceptionally difficult to survey, 80.00 chs.  
 June 26, 1910.

Chains. June 27, 1910.  
 At 7h a.m., l.m.t., at the cor. of secs. 21, 22, 27 & 28,  
 I set off  $23^{\circ}22\frac{1}{2}'$  N. on the decl. arc, and  $34^{\circ}1'$  N. on  
 the lat. arc, and determine a true meridian with the solar.  
 Thence I run,  
 S.  $89^{\circ}53'$  E., on a random line bet. secs. 22 & 27.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.12 Intersect N. & S. line at point 5 lks. N. of cor. of  
 secs. 22, 23, 26 & 27, whence I run,  
 N.  $89^{\circ}56'$  W., on a true line bet. secs. 22 & 27.  
 Over mts. land, asc. through dense manzanita, and  
 scrub oak, with great difficulty.  
 10.00 Asc. steep.  
 25.00 Top of spur from butte, brs. E. & W., thence along top.  
 40.06 Set a granite stone  $24 \times 14 \times 10$  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.  
 No bearings available. Pits impracticable.  
 60.00 Desc. N.W. slope.  
 80.12 To cor. of secs. 21, 22, 27 & 28.  
 Land, mts. Soil, stony, 3rd rate.  
 Timber, scattering oak, pine, juniper.  
 Undergrowth, scrub oak, manzanita.  
 Mts. land covered with dense undergrowth, and  
 exceptionally difficulty to survey, 80.12 chs.

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N.  $0^{\circ}2'$  W., bet. secs. 21 & 22.  
 Over mts. land, desc. through dense scrub oak and  
 buckbrush, with great difficulty.  
 2.52 Trail, brs. NE. & SW.  
 8.00 Gulch 20 lks. wide, course SW., asc.  
 16.00 Ridge, brs. E. & W., desc. NE. slope.  
 23.00 Gulch 50 lks. wide, course NE.,  
 28.00 Gulch 120 lks. wide, course E., asc. SE. slope.  
 38.40 Spur, brs. ENE. & WSW., desc.  
 40.00 Set a sandstone  $18 \times 3 \times 8$  ins. 12 ins. in ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, from which,  
 An oak tree 4 ins. diam. brs. S.  $37\frac{3}{4}^{\circ}$  E. 25 lks. dist.,  
 marked  $\frac{1}{4}$  S. 22 B.T.  
 A juniper tree 15 ins. diam. brs. N.  $63\frac{3}{4}^{\circ}$  W. 26 lks. dist.,  
 marked  $\frac{1}{4}$  S. 21 B.T.  
 50.00 Gulch 30 lks. wide, course E., asc.  
 52.75 Spur, brs. E. & W., desc.  
 62.80 Gulch 120 lks. wide, course SE., asc. steep.  
 80.00 Set a juniper post, 4 ins. sq. 4 ft. long, 10 ins. in  
 ground to bed-rock, in mound of stone for cor. of  
 secs. 15, 16, 21 & 22, marked  
 T. 8 N., S. 15 on NE.,  
 R. 14 E. S. 22 on SE.,  
 S. 21 on SW., and  
 S. 16 on NW. faces, with 3 notches on S. & E.  
 edges, and raise a mound of stone 4 ft. base, 3 ft.  
 high W. of cor., from which,  
 A juniper tree 6 ins. diam. brs. N.  $30^{\circ}$  W. 20 lks. dist.,  
 marked T. 8 N., R. 14 E. S. 16 B.T.  
 No other bearings available. Pits impracticable.  
 Land, mts., broken. Soil, 3rd rate, stony, gravelly.  
 Timber, scattering oak, juniper.  
 Undergrowth, scrub oak, buckbrush.  
 Mts. land, covered with dense undergrowth, and  
 exceptionally difficult to survey, 80.00 chs.  
 At this cor. at 12h  $2\frac{1}{2}$  p.m., l.m.t., I set off  $23^{\circ}21'$   
 N. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is  $34^{\circ}02'$  N.

Chains.	
	S. 89°56' E., on a random line bet. secs. 15 & 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. & S. line at point 5 lks. S. of cor. of sec. 14, 15, 22 & 23, whence I run, N. 89°58' W., on a true line bet. secs. 15 & 22. Over very broken mts. land asc. steep, through scattering oak and juniper, very stony ground, with great difficulty.
5.00	Top of W. rim of Cherry creek canyon, brs. N. & S., Asc. prec. SE. slope.
12.00	Top of S. side of butte, thence along prec. S. slope.
22.00	Desc. prec. SW. slope.
35.00	Gulch, 80 lks. wide, course SE.,
38.60	Gulch 80 lks. wide, course SE.; asc. broken E. slope, through dense scrub oak.
40.00	Set a syenite stone 24x12x8 ins. 13 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which, An oak tree 10 ins. diam. brs. S. 31 $\frac{1}{2}$ ° E. 12 lks. dist., marked $\frac{1}{4}$ S. 22 B.T. An oak tree 15 ins. diam. brs. N. 53 $\frac{1}{4}$ ° W. 31 lks. dist., marked $\frac{1}{4}$ S. 15 B.T.
76.00	Top of ridge, brs. E. & W., cross and along S. slope.
80.00	To cor. of secs. 15, 16, 21 & 22. Land, mts., broken. Soil, 3rd rate, very stony. Timber, scattering oak, juniper. Undergrowth, scrub oak, Mts. land, exceptionally difficult to survey, 80.00 chs.
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	N. 0° 2' W., bet. secs. 15 & 16. Over mts., broken land, asc, very stony ground, with great difficulty.
2.00	Top of ridge, brs. E. & W., desc. steep.
12.00	Desc. prec. into canyon.
15.00	Canyon, 6 chs. wide, 150 ft. deep, course E., asc. prec.
18.00	Top of N. rim, asc. steep.
27.00	Top of ridge, brs. E. & W., desc. steep.
37.50	Canyon 120 lks. wide, 100 ft. deep, course ESE., asc. prec.
40.00	On E. pt. of rocky spur, brs. E. & W., I Set a syenite stone 24x10x8 ins. 13 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which, An oak tree 8 ins. diam. brs. N. 33° E. 14 lks. dist., marked $\frac{1}{4}$ S. 15 B.T. An oak tree 12 ins. diam. brs. N. 70° W. 40 lks. dist., marked $\frac{1}{4}$ S. 16 B.T.
43.50	Canyon, 100 lks. wide, 50 ft. deep, course SE., asc. prec.
60.00	Top of ridge, brs. SE. & NW., desc.
70.75	Canyon 80 lks. wide, 50 ft. deep, course E. asc.
79.50	Top of ridge, brs. E. & W.,
80.00	Set a syenite stone 20x10x6 ins. 15 ins. in ground for cor. of secs. 9, 10, 15 & 16, marked with 4 notches on S. & 3 notches on E. edges, from which, An oak tree 18 ins. diam. brs. N. 24° E. 34 lks. dist., marked T. 8 N., R. 14 E. S. 10 B.T. An oak tree 15 ins. diam. brs. S. 22 $\frac{1}{4}$ ° E. 53 lks. dist., marked T. 8 N., R. 14 E. S. 15 B.T. An oak tree 10 ins. diam. brs. S. 29° W. 47 lks. dist., marked T. 8 N., R. 14 E. S. 16 B.T. An oak tree 10 ins. diam. brs. N. 63 $\frac{1}{2}$ ° W. 40 lks. dist., marked T. 8 N., R. 14 E. S. 9 B.T. Land, mts., broken. Soil, 3rd rate, stony, gravelly. Timber, oak, juniper. Undergrowth, scattering scrub oak, manzanita, cacti. Mts., broken land, covered with loose stones, and exceptionally difficult to survey, 80.00 chs.

Chains S. 89°53'E., on a random line bet. secs. 10 & 15.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect N. & S. line at point 5 lks. S. of cor. of  
 secs. 10, 11, 14 & 15, whence I run,  
 West, on a true line, bet. secs. 10 & 15.  
 Over mts. land, desc. broken, stony ground, with  
 great difficulty, through oak and scattering juniper.  
 .65 Gulch 25 lks. wide, course SW.  
 4.00 Enter wash of Cherry creek.  
 9.00 Cherry creek, course S., running small stream of water.  
 11.00 Leave wash of creek, asc. grad.  
 13.00 Leave valley of creek, asc. steep, NE. slope.  
 34.00 Top SE. point of sharp ridge, brs. SE. & NW.  
 continue asc. SE. slope.  
 40.05 Set a quartz stone 24x12x3 ins. on bed-rock, in mound of  
 stone for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, from which,  
 An oak tree 14 ins. diam. brs. N. 1 $\frac{1}{2}$ ° E. 29 lks. dist.,  
 marked  $\frac{1}{4}$  S. 10 B.T.  
 An oak tree 14 ins. diam. brs. S. 37° W. 31 lks. dist.,  
 marked  $\frac{1}{4}$  S. 15 B.T.  
 56.00 Asc. broken E. slope through dense oak timber.  
 80.10 To cor. of secs. 9, 10, 15 & 16.  
 Land, mts. Soil, 3rd rate, stony.  
 Timber, scattering oak, juniper.  
 Undergrowth, scrub oak, buck brush.  
 Mts. broken, stony land, exceptionally difficult to survey,  
 80.10 chs.  
 June 27, 1910.

June 28, 1910.

At 7h a.m., 1 m.t., at the cor. of secs., 9, 10, 15 & 16,  
 I set off 23° 20' N., on the decl. arc, and 34° 2 $\frac{1}{2}$ ' N.  
 on the lat. arc, and determine a true meridian with the  
 solar, thence I run,  
 N. 0° 2' W., bet. secs. 9 & 10.  
 Over mts. land, desc. steep, through dense oak timber.  
 with great difficulty, very broken stony ground.  
 3.00 Head of gulch, course NE.,  
 6.00 Point of spur, brs. NE. & SW., desc.  
 14.00 Gulch 80 lks. wide, course E. asc.  
 18.00 Point of spur, brs. E. desc.  
 22.00 Gulch 150 lks. wide, course ESE., asc. steep. Leave timber.  
 40.00 Set a quartzite stone 20x8x6 ins. 15 ins. in ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, and raise a mound of st  
 stone 2 ft. base 1 $\frac{1}{2}$  ft. high W. of cor.  
 No bearings available. Pits impracticable.  
 44.00 Top of long ridge, brs. E. & W., desc.  
 55.00 Canyon 80 lks. wide, course ESE., asc.  
 60.00 Ridge, brs. E. & W., desc. Enter heavy oak, some pine.  
 67.00 Canyon 80 lks. wide, course E., asc. along steep ESE. slope.  
 71.00 Top, thence along very stony E. slope.  
 75.00 Desc. NW. slope.  
 80.00 Set a granite stone 24x14x10 ins. 18 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. 35° E. 60 lks. dist.,  
 marked T. 8 N., R. 14 E. S. 3 B.T.  
 An oak tree 14 ins. diam. brs. S. 72° E. 24 lks. dist.,  
 marked T. 8 N., R. 14 E. S. 10 B.T.  
 No other bearings available. Pits impracticable.  
 Land, mts., very broken. Soil, 3rd rate, stony.  
 Timber, oak, pine, juniper.  
 Undergrowth, scrub oak.  
 Mts., broken, stony land, exceptionally difficult  
 to survey, 80.00 chs.

Subdivision of T. 8 N., R. 14 E.

Chains

East, on a random line, bet. secs. 3 & 10.

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

80.04 Intersect N. & S. line at point 5 lks. N. of cor. of secs. 2, 3, 10 & 11, whence I run, N.  $89^{\circ}58'$  W., on a true line bet. secs. 3 & 10. Over very broken mts. land, through dense oak timber, with great difficulty.

1.80 Gulch 30 lks. wide, course WNW., asc.

8.00 Point of spur, brs. WNW. & ESE., desc.

15.25 Gulch 50 lks. wide, course WSW., asc. steep.

15.00 Ridge, brs. WSW. & ENE., desc.

18.00 Gulch 150 lks. wide, course SSW., asc.

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

29.00 Gulch 80 lks. wide, course SSE., asc. steep.

40.02 Set a sandstone 13x10x3 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 juniper tree 8 ins. diam. brs. S.  $21^{\circ}$  E. 137 lks. dist., marked  $\frac{1}{4}$  S. 10 B.T. No other trees available. Pits impracticable.

44.00 Top of high spur, brs. SE. & NW., East rim of Cherry creek canyon, desc. prec. SW. slope.

54.00 Cherry creek, bottom 4 chs. wide, course SE. small stream of running water. asc. prec.

74.45 West rim of canyon, brs. SE. & NW. Asc. SE. slope.

78.00 Gulch 50 lks. wide, course ESE.

80.04 To cor. of secs. 3, 4, 9 & 10. Land, mts., broken. Soil, 3rd rate, very stony. Timber, oak, pine, juniper, scattering last  $\frac{1}{2}$  mile. Undergrowth, scrub oak. Mts. stony land or land heavily timbered, and exceptionally difficult to survey, 80.04 chs.

N.  $0^{\circ} 2'$  W., bet. secs. 3 & 4. Over mts. land, through dense oak and scrub oak, with great difficulty.

.40 Gulch 30 lks. wide, course E. asc. steep, along very rough, stony SE. slope.

20.00 Top of E. side of bluff, desc. prec. NE. slope.

35.00 Desc. abrupt, S. rim of Cherry creek canyon

40.00 Cor. point falls in Canyon of Cherry creek, 15 chs. wide, 300 ft. deep, course SE.

50.00 Top of N. rim of canyon, brs. SE. & NW. Set a volcanic stone 20x14x12 ins. 15 ins. in ground, for witness cor. to  $\frac{1}{4}$  sec. cor., marked W.C.  $\frac{1}{4}$  on W. face, from which, An oak tree 8 ins. diam. brs. S.  $33^{\circ}$  E. 59 lks. dist., marked  $\frac{1}{4}$  S. 3 W.C.B.T. An oak tree 10 ins. diam. brs. S.  $52^{\circ}$  W. 66 lks. dist., marked  $\frac{1}{4}$  S. 4 W.C.B.T.

Enter region of volcanic stone. Desc. grad. ENE. slope.

72.00 Gulch 50 lks. wide, course E., asc.

79.00 Intersect 2nd Standard Parallel North. Set a quartzite stone 20x15x12 ins. 15 ins. in ground for closing cor. of secs. 3 & 4, marked C.C. on S., with 3 notches on E. & W. faces, and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high S. of cor., from which, An oak tree 6 ins. diam. brs. S.  $37^{\circ}$  E. 64 lks. dist., marked T. 8 N., R. 14 E. S. 3 C.C.B.T. Standard  $\frac{1}{4}$  sec. cor. on S. Bdy. sec. 33, T. 9 N., R. 14 E., brs. West 13.90 chs. dist., which is a sandstone, 6x6x6 ins. above ground, marked and witnessed as described by the Surveyor General. No other bearings available. Land, mts. Soil, 3rd rate, stony. Timber, oak, juniper. Mts. land, exceptionally difficult to survey, 79.00 chs. At this cor. at 12h 3m p.m., l.m.t., I set off  $23^{\circ}19'$  N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is  $34^{\circ} 4'$  N.

Chains.	
	From the cor. of secs. 32, 33, 4 & 5, on S. Bdy. of Tp., as heretofore established and described by me, I run, N. 0° 2' W., bet. secs. 32 & 33. Over very stony mts. land, along W. slope, through dense scrub oak, with great difficulty.
2.00	Desc. steep NW. slope.
6.00	Enter canyon, course SSW., asc. in same.
15.00	Leave canyon to West, and asc. prec. SW. slope.
37.00	Spur, brs. W. & E., desc. steep.
40.00	Set a syenite stone 24x12x8 ins. 18 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. N. 10° E. 37 lks. dist., marked $\frac{1}{4}$ S. 33 B.T. An oak tree 10 ins. diam. brs. N. 50° W. 27 lks. dist., marked $\frac{1}{4}$ S. 32 B.T.
45.00	Gulch 50 lks. wide, course SW., asc. SE. slope.
80.00	Set a quartzite stone 24x12x8 ins. 18 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. N. 53 $\frac{1}{2}$ ° E. 42 lks. dist., marked T. 8 N., R. 14 E. S. 29 B.T. An oak tree 6 ins. diam. brs. S. 68° E. 43 lks. dist., marked T. 8 N., R. 14 E. S. 33 B.T. An oak tree 10 ins. diam. brs. S. 36° W. 34 lks. dist., marked T. 8 N., R. 14 E. S. 32 B.T. An oak tree 6 ins. diam. brs. N. 85° W. 52 lks. dist., marked T. 8 N., R. 14 E. S. 29 B.T.
	Land, mts., broken. Soil, 3rd rate, stony. Timber, oak, juniper. Undergrowth, scrub oak, manzanita. Mts. land, covered with dense undergrowth, and exceptionally difficult to survey, 80.00 chs.
	S. 89° 53' E., on a random line bet. secs. 28 & 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. & S. line at point 5 lks. S. of cor. of secs. 27, 28, 33 & 34, whence I run, West, on a true line bet. secs. 28 & 33. Over mts. land, desc., over stony ground, through oak, pine, and juniper timber, with great difficulty.
34.20	Trail, brs. N. & S., on divide between heads of canyons, running NNE. and S., Asc. grad. along E. slope, through dense scrub oak.
36.48	Juniper 36 ins. diam. on line, blazed both E. & W. sides.
40.04	Set a sandstone 24x10x6 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, from which, An oak tree 12 ins. diam. brs. S. 61° W. 9 lks. dist., marked $\frac{1}{4}$ S. 33 B.T. An oak tree 10 ins. diam. brs. N. 76 $\frac{1}{2}$ ° W. 7 lks., dist., marked $\frac{1}{4}$ S. 28 B.T.
74.00	Gulch 30 lks. wide, course SE., asc. steep.
80.08	To cor. of secs. 28, 29, 32 & 33. Land, mts. Soil, 2nd & 3rd rate, stony. Timber, oak, pine, juniper. Undergrowth, scrub oak, manzanita. Mts. land, heavily timbered or covered with dense undergrowth, exceptionally difficult to survey, 80.08 chs. June 28, 1910.

## Chains.

- June 29, 1910.  
 At 7h a.m., l.m.t., I set off  $23^{\circ}17'$  N., on the decl. arc  
~~and~~ and  $34^{\circ}$  N. on the lat. arc, and determine a true  
 meridian with the solar at the cor. of secs. 23, 29, 32 & 33,  
 Thence I run,  
 N.  $0^{\circ}2'$  W., bet. secs. 23 & 29.  
 Over very rough, stony prec. E. slope of bluff,  
 through dense scrub oak, and manzanita, with great  
 difficulty.
- 40.00 Set a quartzite stone 24x12x3 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.  
 No bearings available. Pits impracticable.  
 Continue along ENE. slope, desc.
- 80.00 Set a granite stone 20x10x6 ins. on bed-rock, in mound  
 of stone for cor. of secs. 20, 21, 23 & 29, marked with  
 2 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.  
 No bearings available. Pits impracticable.
- Land, mts.;  
 Soil, 4th rate, very stony.  
 No timber. Undergrowth, scrub oak, manzanita, thorn.  
 Mts. land covered with dense undergrowth, and  
 exceptionally difficult to survey, 80.00 chs.
- 
- East, on a random line, bet. secs. 21 & 23.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect No. & S. line at point 7 lks. N. of cor. of  
 secs. 21, 22, 27 & 23, whence I run,  
 N.  $89^{\circ}57'$  W., on a true line bet. secs. 21 & 23.  
 Over mts. land, SW. slope, over loose stony ground  
 through dense scrub oak, with great difficulty.
- 2.00 Gulch 50 lks. wide, course S.,
- 6.00 Trail, brs. NE. & SW.
- 8.00 Canyon 120 lks. wide, course SE., asc. grad.,
- 40.02 Set a quartzite stone 24x12x3 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.  
 No bearings available. Pits impracticable.
- 70.00 Asc. steep E. slope.
- 80.04 To cor. of secs. 20, 21, 27 & 23.
- Land, mts.  
 Soil, 3rd rate, stony.  
 Timber, scattering oak, juniper.  
 Undergrowth, scrub oak, thorn, manzanita.  
 Mts., land covered with dense undergrowth, and  
 exceptionally difficult to survey, 80.04 chs.
- At this cor. at 12h 3m p.m., l.m.t., I set off  $23^{\circ}16'$  N.  
 on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is  $34^{\circ}1'$  N.

## Chains.

- N.  $0^{\circ} 2'$  W., bet. secs. 20 & 21.  
Over mts. land, along very rough, stony, steep E. slope of bluff, through dense manzanita, and scrub oak, with great difficulty.
- 20.00 Desc. prec. NE. slope.
- 40.00 Set a sandstone  $24 \times 12 \times 8$  ins. on bedrock, in mound of stone 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.
- 50.00 Canyon, 10 chs. wide, 400 ft. deep, course ESE. Asc. prec. SE. slope.
- 80.00 Set a sandstone  $24 \times 10 \times 8$  ins., on barren 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. No bearings available. Pits impracticable.
- Land, mts.  
Soil, 3rd rate, very stony.  
Timber, few pine and oak.  
Undergrowth, scrub oak, manzanita, thorn.  
Mts. land, covered with dense undergrowth, and exceptionally difficult to survey, 80.00 chs.  
To the North of this cor. the land is so broken and mts. as to be impracticable to survey.
- 
- N.  $89^{\circ} 57'$  E., on a random line bet. secs. 16 & 21.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.10 Intersect N. & S. line at point 7 lks. N. of cor. of secs. 15, 16, 21 & 22, whence I run West, on a true line bet. secs. 16 & 21.  
Over mts. land, along S. slope, through dense scrub oak and black brush, with great difficulty.
- 6.00 Desc. steep SW. slope.
- 24.00 Canyon 2 chs. wide, course ESE. asc. steep NE. slope.
- 40.05 Set a quartzite stone  $20 \times 8 \times 8$  ins. 15 ins. in ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face, from which,  
An oak tree 12 ins. diam. brs. N.  $15^{\circ}$  E. 77 lks. dist., marked  $\frac{1}{4}$  S. 16 B.T.  
An oak tree 12 ins. diam. brs. S.  $45^{\circ}$  W. 22 lks. dist., marked  $\frac{1}{4}$  S. 21 B.T.
- 52.00 Top of high ridge, brs. SE. & NW., elev. 4500 ft.  
Desc. steep.
- 62.00 Canyon 2 chs. wide, course SE., asc. prec.
- 80.10 To cor. of secs. 16, 17, 20 & 21.  
Land, mts.  
Soil, 3rd rate, very stony.  
Timber, oak, juniper.  
Undergrowth, scrub oak, manzanita, blackbrush, thorn.  
Mts. land, covered with dense undergrowth, and exceptionally difficult to survey, 80.10 chs.  
June 29, 1910.



## Chains.

- June 30, 1910.  
 At 7h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32, on S. Bdy. of Tp. as heretofore established and described, I set off 23°14' N. on the decl. arc, and 33°59' N. on the lat. arc, and determine a true meridian with the solar. Thence I run,  
 N. 0° 3' W., bet. secs. 31 & 32.  
 Over rolling mesa, through heavy juniper, and scrub oak, with great difficulty. Mean elev. of mesa, 5000 ft.
- 16.00 Asc. grad.  
 40.00 Set a sandstone 18x6x4 ins. 12 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. N. 36° E. 109 lks. dist., marked  $\frac{1}{4}$  S. 32 B.T.  
 An oak tree 15 ins. diam. brs. N. 2° W. 147 lks. dist., marked  $\frac{1}{4}$  S. 31 B.T.
- Enter heavy oak and juniper timber.  
 46.00 Top of rise.  
 65.00 Top of divide, desc. grad. NE. slope.  
 80.00 Set a sandstone 24x12x6 ins. 18 ins. in ground for cor. of secs. 29, 30, 31 & 32, marked with 1 notch on S. & 5 notches on E. edges, and from which,  
 An oak tree 14 ins. diam. brs. N. 3° E. 79 lks. dist., marked T. 8 N., R. 14 E. S. 29 B.T.  
 An oak 8 ins. diam. brs. S. 54 $\frac{3}{4}$ ° E. 81 lks. dist., marked T. 8 N., R. 14 E. S. 32 B.T.  
 A juniper tree 48 ins. diam. brs. S. 85° W. 64 lks. dist., marked T. 8 N., R. 14 E. S. 31 B.T.  
 A juniper tree 40 ins. diam. brs. N. 12 $\frac{1}{2}$ ° W. 123 lks. dist., marked T. 8 N., R. 14 E. S. 30 B.T.
- Land, mts. rolling.  
 Soil, 2nd rate, stony, gravelly.  
 Timber, heavy oak, juniper.  
 Undergrowth, scattering scrub oak. Fine native grass.  
 Mts. land or land heavily timbered and exceptionally difficult to survey, 80.00 chs.
- 
- S. 89° 58' E., on a random line bet. secs. 29 & 32.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 30.00 Intersect cor. of secs. 28, 29, 32 & 33, whence I run, N. 89° 58' W., on a true line bet. secs. 29 & 32.  
 Over mts. land, asc. steep, SE. slope, through dense scrub oak, with great difficulty.
- 20.00 Asc. prec.  
 39.00 Top of E. rim of mesa, brs. N. & S. asc. grad.  
 40.00 Set a quartzite stone 18x10x6 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.  
 No bearings available. Pits impracticable.  
 80.00 To cor. of secs. 29, 30, 31 & 32.  
 Land, mts.  
 Soil, 2nd & 3rd rate, gravelly, stony.  
 Timber, scattering oak, and juniper.  
 Undergrowth, scrub oak., Fine native grass on mesa.  
 Mts. Land, exceptionally difficult to survey, 80.00 chs.

## Chains.

- N.  $89^{\circ} 58'$  W., on a random line bet. secs. 30 & 31.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.15 Intersect W. Bdy. of Tp. at point 30 lks. N. of cor. of  
 secs. 25, 30, 31 & 36, whence I run,  
 N.  $89^{\circ} 49'$  E., on a true line bet. secs. 30 & 31.  
 Over mts. land, desc. NE. slope, through dense oak and  
 juniper timber, with great difficulty.  
 7.00 Gulch 80 lks. wide, course NW., asc. steep SW. slope.  
 12.00 Asc. prec. SW. slope.  
 23.00 Top of mesa, brs. SE. & NW.  
 27.00 Desc. grad.  
 38.15 Set a sandstone 18x6x6 ins. 12 ins. in ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face, from which,  
 A pine tree 30 ins. diam. brs. N.  $27^{\circ}$  E. 66 lks. dist.,  
 marked  $\frac{1}{4}$  S. 30 B.T.  
 A juniper tree 12 ins. diam. brs. S.  $4^{\circ}$  W. 9 lks. dist.,  
 marked  $\frac{1}{4}$  S. 31 B.T.  
 Top of squaw peak, brs. N.  $3\frac{1}{2}^{\circ}$  W. about 60 chs. dist.  
 Elev. of top of this peak about 5500 ft.  
 78.15 To cor. of secs. 29, 30, 31 & 32.  
 Land, mts., rolling.  
 Soil, 3rd rate, stony.  
 Timber, oak, juniper pine.  
 Undergrowth, scrub oak, pine. Fine grass on mesa.  
 Mts. land or land heavily timbered and exceptionally  
 difficult to survey, 78.15 chs.  
 At this cor. at 12h 3m p.m., l.m.t., I set off  $23^{\circ} 13'$  N.  
 on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is  $34^{\circ}$  N.
- 
- N.  $0^{\circ} 3'$  W., bet. secs. 29 & 30.  
 Over mts. land, on divide, desc. grad. through heavy oak  
 and juniper timber, with great difficulty.  
 10.40 Gulch 50 lks. wide, course ENE.,  
 15.00 Gulch 80 lks. wide, course E.  
 18.00 Gulch 30 lks. wide, course SE. asc. grad. along SE. slope.  
 40.00 Set a sandstone 20x12x3 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.  
 70.00 Top, desc. grad. NE. slope.  
 80.00 Set a sandstone 24x12x3 ins. 18 ins. in ground for  
 cor. of secs. 19, 20, 29 & 30, marked with 2 notches on  
 S. and 5 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 juniper tree 36 ins. diam. brs. S.  $68^{\circ}$  E. 15 lks. dist.,  
 marked, T. 8 N., R. 14 E. S. 29 B.T.  
 A juniper tree 20 ins. diam. brs. S.  $33^{\circ}$  W. 150 lks. dist.,  
 marked T. 8 N., R. 14 E. S. 30 B.T.
- Land, mts.  
 Soil, 2nd & 3rd rate, stony.  
 Timber, oak, pine, juniper.  
 Undergrowth, scrub oak, Fine native grass.  
 Mts. land or land heavily timbered, and  
 exceptionally difficult to survey, 80.00 chs.

Chains. S. 89°53' E., on a random line bet. secs. 20 & 29.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.08 Intersect N. & S. line at point 5 lks. N. of cor. of  
 secs. 20, 21, 23 & 29, whence I run,  
 N. 89°56' W., on a true line bet. secs. 20 & 29.  
 Over mts. land, asc. prec. E. slope of bluff, through  
 dense scrub oak and manzanita, with great difficulty.  
 6.00 Top of bluff, brs. N. & S., asc. grad. on mesa, through  
 heavy oak and juniper. very stony ground.  
 20.00 Top of rise, desc. grad.  
 40.04 Set a granite stone 20x10x13 ins. 15 ins. in ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face, from which,  
 An oak tree 12 ins. diam. brs. S. 55 $\frac{1}{2}$ ° E. 55 lks. dist.,  
 marked  $\frac{1}{4}$  S. 29 B.T.  
 A pine tree 6 ins. diam. brs. N. 22 $\frac{3}{4}$ ° W. 133 lks. dist.,  
 marked  $\frac{1}{4}$  S. 20 B.T.  
 55.00 Draw, 2 chs: wide, head of gulch, course N., asc.  
 80.08 To cor. of secs. 19, 20, 29 & 30.  
 Land, mts. Soil, 3rd rate, stony.  
 Timber, pine, oak, juniper.  
 Undergrowth, scrub oak, manzanita. Good grazing.  
 Mts. land heavily timbered or covered with dense under-  
 growth, exceptionally difficult to survey, 80.08 chs.

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S. 89°49' W., on a random line bet. secs. 19 & 30.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.10 Intersect W. Bdy. of Tp. at point 7 lks. S. of cor. of  
 secs. 19, 24, 25 & 30, whence I run,  
 N. 89°52' E., on a true line bet. secs. 19 & 30 .  
 Over mts. land, asc. grad., through dense oak and  
 juniper, with great difficulty.  
 20.00 Top of ridge, brs. N. & S., desc. E. slope.  
 38.10 Set a quartzite stone 24x12x8 ins. 13 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. S. 80° E. 43 lks. dist.,  
 marked  $\frac{1}{4}$  S. 30 B.T.  
 A pine tree 24 ins. diam. brs. N. 71° W. 35 lks. dist.,  
 marked  $\frac{1}{4}$  S. 19 B.T.  
 45.00 Gulch 30 lks. wide, course NNE., asc. NW. slope.  
 67.63 Top of rise, brs. N. & S., thence along N. slope, through  
 dense pine and oak.  
 78.10 To cor. of secs. 19, 20, 29 & 30.  
 Land, mts., broken.  
 Soil, 3rd rate, stony.  
 Timber, pine, oak, juniper.  
 Undergrowth, scrub oak, pine.  
 Mts. land, heavily timbered and exceptionally difficult  
 to survey, 78.10 chs.

June 30, 1910.

Chains.

July 1, 1910.

At 7h a.m., l.m.t., I set off 23°10' N. on the decl. arc, and 34° 1' N. on the lat. arc, and determine a true meridian with the solar at cor. of secs. 19, 20, 29 & 30, Thence I run,

N. 0° 3' W., bet. secs. 19 & 20.

Over mts. land, desc. very rough stony N. slope, with great difficulty.

6.00 S. rim of canyon, 400 ft. deep, course East, across which I cannot chain; therefore, I send a man ahead, and place a flag on line on N. rim of canyon. I run a base line, S. 89° 57' W. 20 chs. to a point, from which the flag bears, N. 23° 5' E.; The angle subtended by the base is therefore 66° 52'; Dist. across canyon is  $20.00 \times \text{tang. } 66^{\circ} 52' = 46.31 \text{ chs.}$  added to 6.00 gives 52.31 To flag on N. rim of canyon, brs. E. & W.

4° 52' 81

It being clearly impossible to establish the 1/4 sec. cor. at proper point, at this point I

Set a quartzite stone 24x12x8 ins. on bed-rock, in mound of stone for witness cor. to 1/4 sec. cor., marked W.C. 1/4 on W. face, from which,

An oak tree 15 ins. diam. brs. N. 47° E. 26 lks. dist., marked 1/4 S. 20 W.C.B.T.

A juniper tree 20 ins. diam. brs. N. 32 1/2° W. 78 lks. dist., marked 1/4 S. 19 B.T.

Asc. grad., through dense scrub oak.

60.00 Top, thence along E. slope, through heavy oak & juniper.

80.00 Set a quartzite stone 20x10x6 ins. 15 ins. in ground for cor. of secs. 17, 18, 19 & 20, marked with 3 notches on S., and 5 notches on E. edges, and from which,

An oak tree 8 ins. diam. brs. N. 41 1/2° E. 66 lks. dist., marked T. 8 N., R. 14 E. S. 17 B.T.

A juniper tree 30 ins. diam. brs. S. 67 1/2° E. 62 lks. dist., marked T. 8 N., R. 14 E. S. 20 B.T.

An oak tree 10 ins. diam. brs. S. 7 1/4° W. 42 lks. dist., marked T. 8 N., R. 14 E. S. 19 B.T.

An oak tree 20 ins. diam. brs. N. 35° W. 9 lks. dist., marked T. 8 N., R. 14 E. S. 18 B.T.

Land, mts., broken.

Soil, 3rd rate, stony.

Timber, oak, juniper, pine.

Undergrowth, scrub oak, pine. Good grazing.

Mts. land, exceptionally difficult to survey, 80.00 chs.

40.00 S. 89° 56' E., on a random line bet. secs. 17 & 20. Set temp. 1/4 sec. cor.

80.00 Intersect N. & S. line at point 3 lks. S. of cor. of secs. 16, 17, 20 & 21, whence I run,

N. 89° 57' W., on a true line bet. secs. 17 & 20.

Over mts. land, asc. prec. E. slope of bluff, over loose boulders, through dense manzanita and scrub oak, with great difficulty.

29.00 Top of bluff, mesa, brs. N. & S., asc. grad.

40.00 Set a sandstone 20x15x10 ins. 15 ins. in ground for 1/4 sec. cor., marked 1/4 on N. face, from which,

A juniper tree 36 ins. diam. brs. N. 34 3/4° W. 163 lks. dist., marked 1/4 S. 17 B.T.

A juniper tree 20 ins. diam. brs. S. 47° W. 97 lks. dist., marked 1/4 S. 20 B.T.

50.00 E. rim of canyon, brs. SE. & NW., desc. prec.

60.00 Canyon, 14 chs. wide, 200 ft. deep, course SSE., asc. prec.

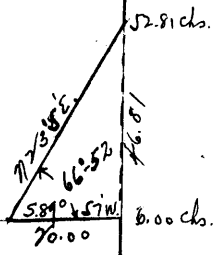
80.00 To cor. of secs. 17, 18, 19 & 20.

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

Timber, oak, pine, juniper.

Undergrowth, scrub oak, manzanita.

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



Chains.

40.00 S.  $89^{\circ}52'$  W., on a random line bet. secs. 18 & 19.  
Set temp.  $\frac{1}{4}$  sec. cor.

78.00 Intersect W. Bdy. of Tp. at point 5 lks. S. of cor. of  
sec. 13, 18, 19 & 24, whence I run,  
N.  $89^{\circ}54'$  E., on a true line bet. secs. 18 & 19.  
Over mts. land, desc. grad. over very rough broken  
stony ground, with great difficulty, through dense oak,  
and juniper timber.

38.00 Set a syenite stone 24x12x8 ins. 18 ins. in ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face, from which,  
An oak tree 12 ins. diam. brs. S.  $64^{\circ}$  E. 12 lks. dist.,  
marked  $\frac{1}{4}$  S. 19 B.T.  
A juniper tree 14 ind. diam. brs. N.  $20^{\circ}$  E. 39 lks. dist.,  
marked  $\frac{1}{4}$  S. 18 B.T.

78.00 To cor. of secs. 17, 18, 19 & 20.  
Land, mts., broken.  
Soil, 3rd rate, stony.  
Timber, dense oak, and juniper.  
Undergrowth, scrub oak,  
Mts. land, heavily timbered, and exceptionally difficult  
to survey, 38.00 chs.  
At this cor. at 12h 3 $\frac{1}{2}$ m p.m., l.m.t., I set off  $23^{\circ} 9'$  N.  
on the decl. arc, and observe the sun on the meridian.  
The resulting lat. is  $34^{\circ} 2'$  N.  
The NW. portion of T. 8 N., R. 14 E. is so rough, mts.,  
and broken as to be impracticable to survey,  
being practically worthless for grazing or agricultural  
purposes,  
Therefore, I discontinue the subdivision of this Township.  
During the subdivision of this Tp., I destroyed the erro-  
neous corners established under former contracts,  
Nos. 119 & 147, as per instructions.

## General Description.

The Eastern portion of this Tp. is very rough and broken, embracing the valley of Cherry creek, the steep, sloping sides of which are covered with dense scrub oak and manzanita, with many open stretches of fine grazing land. There is some good agricultural land lying in narrow strips along Cherry creek, but none of which is cultivated at present.

There are several very good cabins and corrals along the creek, but all of them abandoned at present.

There is a small flow of water in Cherry creek throughout the year, and also in several of the deep canyons breaking from the mesa to the West.

The mean elevation of the valley is about 4200 ft. while the elevations of the broken mesas to the E. & W. is from 4700 to 5500 ft.

There is no indication of mineral in the Tp.

The SW. portion is a high mesa, covered with a fine native grass, but without permanent water.

The higher portions of the Tp. and most of the North slopes are well timbered with pine, oak, and juniper.

July 1, 1910.

*Jesse B. Wright*  
U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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BOOK 2249

LIST OF NAMES.

A list of the names of the individuals employed by Jesse B. Wright,

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

Subdivision of T. 8 N., R. 14 E., Subdivision of Tps. 7, 8 & 9 N., R. 15 E.

showing the respective capacities in which they acted:

James M. Barney, Chainman.

Edgar M. Darnall, Chainman.

Chas. E. Bean, Moundman.

Jno. P. Ellison, Moundman.

Jose N. Lopez, Axman.

Ben. J. Kinsey, Axman.

Francosco Gutierrez, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Jesse B. Wright,

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

Subdivision of T. 8 N., R. 14 E., Subdivision of Tps. 7, 8 & 9 N., R. 15 E.

of the Gila and

Salt River Base & 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.

James M. Barney Chainman.

Edgar M. Darnall Chainman.

Chas. E. Bean Moundman.

Jno. P. Ellison Moundman.

Ben. J. Kinsey Axman.

Jose N. Lopez Axman.

Francosco Gutierrez Flagman.

Subscribed and sworn to before me this 9th

day of August, 1980



J. G. Evans

Notary Public  
Roosevelt, Arizona

my commission expires Jan 15, 1913

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BOOK 2249

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Jesse B. Wright, 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 Second day of October, 1909, 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

Subdivision of T. 8 N., R. 14 E.

Subdivision of Tps. 7, 8 & 9 N., R. 15 E.

of the Gila and Salt River Base and 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.

Jesse B. Wright  
United States Deputy Surveyor.

Subscribed by said Jesse B. Wright, and sworn to before me  
this 12<sup>th</sup> day of August, 1900

W. H. ...  
U.S. ...



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz. May 26-1911, 190-1910

The foregoing field notes of the survey of the subdivisional lines of Tps. 8 N. Rg. 14 E. Gila and Salt River Base and Meridian, Arizona

executed by Jesse B. Wright U.S. Deputy Surveyor under his contract No. 160, dated October 7, 1900, 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.