

Book E

BOOK 2345

JAN 2-1912

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(1)

FIELD NOTES

AUG 16 1912

OF THE SURVEY OF THE

Subdivision of Township Five North

Range Fourteen West.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Fred W. Rodolf

In the capacity of U. S. Surveyor, under instructions dated July 8, 1911, issued by the United States Surveyor General to govern surveys included in Group No. 12, which were approved by the Commissioner of the General Land Office, July 18, 1911, pursuant to authority contained in the Act of Congress dated March 4, 1911.

Survey commenced 30th day of August, 1911

Survey completed 8th day of September, 1911

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INDEX DIAGRAM.

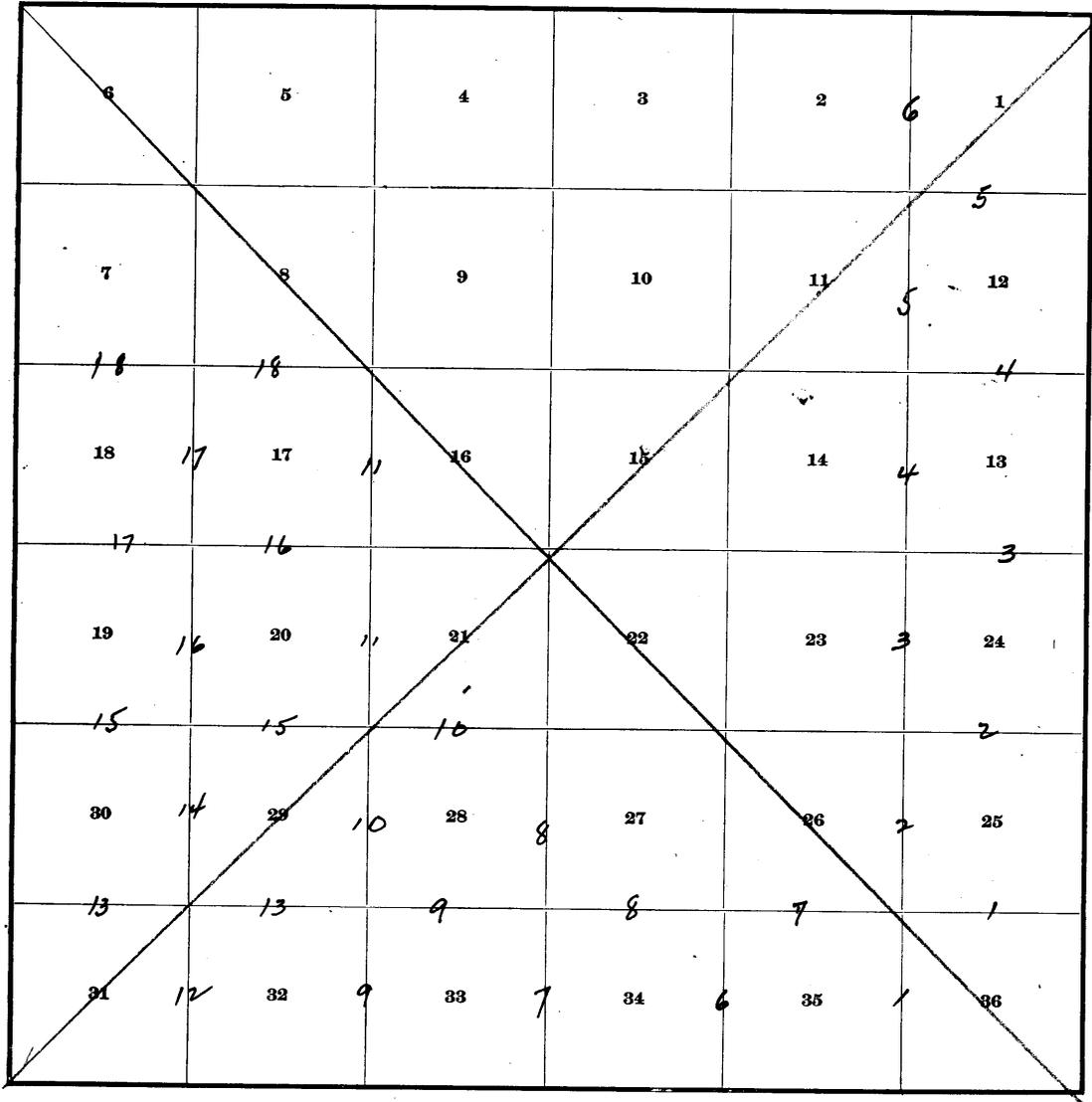
Township 5 N, Range 14 W.

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Township 5 North, Range 14 West



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BOOK 2345

PRELIMINARY OATHS OF ASSISTANTS.

WE, H. N. Bradstreet and L. E. Flanagan

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 Tp. 5 N., R. 14 W.

H. N. Bradstreet, Chainman.
L. E. Flanagan, Chainman.

Subscribed and sworn to before me this 29th day of August, 19 11

Fred W. Rodolf
U. S. Surveyor



WE, Oliver Nofzinger 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 Tp. 5 N., R. 14 W.

Oliver Nofzinger, Moundman.
Moundman.

Subscribed and sworn to before me this 29th day of August, 19 11

Fred W. Rodolf
U. S. Surveyor



WE, J. Gary Lindley 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 Subdivision of Tp. 5 N., R. 14 W.

J. Gary Lindley, Axman.
Axman.

Subscribed and sworn to before me this 29th day of August, 19 11

Fred W. Rodolf
U. S. Surveyor



I, Harry B. Marshall, 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 of Tp. 5 N., R. 14 W.

H. B. Marshall, Flagman.

Subscribed and sworn to before me this 29th day of August, 19 11

Fred W. Rodolf
U. S. Surveyor



Survey of the Subdivisions of T. 5 N., R. 14 W.

Chains

Survey commenced on the 30th of August and executed with a Young and Sons light mountain transit No. 8480, with solar attachment. The horizontal limb is provided with two horizontal verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Phoenix, found correct and approved by the Surveyor General for Arizona.

On the 24th of August I made tests to see if the adjustments of the transit and solar apparatus were in good adjustment and found them to be so. From my work since then I know that they are still in good adjustment and therefore I do not deem it necessary to, again, make tests on polaris.

The magnetic bearing of the true meridian at the standard cor. of secs. 35 and 36, is N. 13° 24' W., at 1 h. 45 m., p.m., l.m.t.; this gives the magnetic decl. as 13° 24' E.

From the standard cor. of Secs. 35 and 36, which is a stone, marked and witnessed as described by the Surveyor General, I run:

N. 0° 01' W., bet. secs. 35 and 36.

Over level land thru dense underbrush.

- 12.10 Wash, 20 lks. wide, course SW. Across land subject to overflow during heavy rains.
- 33.06 Wash, 20 lks. wide, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked
 - $\frac{1}{4}$ S 35 in West, and
 - S 36 in East halves, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 42.15 Wash, 40 lks. wide, course SW.
- 57.89 Wash, 20 lks. wide, course SW.
- 58.55 Road, Vicksburg to Salome, brs. SW. and NE.
- 69.06 Wash, 15 lks. wide, course SW. Ascend steep rocky slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, marked
 - T 5 N R 14 W in North half,
 - S 25 in NE,
 - S 36 in SE,
 - S 35, in SW, and
 - S 26 in NW quadrants, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, level and mountainous.
 Timber, scattering mesquite and palo verde.
 Underbrush, mesquite and cacti and greasewood.
 Soil, sandy and large gravel covers the land, 3rd rate.

Thence, I run

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

Ascend steep rocky slope, thru dense underbrush.

- 1.00 Top of ridge, brs. N. and S. Descend steep rocky slope.
- 8.00 Wash, 15 lks. wide, course S. Over level land.
- 9.30 Road, brs. NE. and SW.
- 17.22 Drain, course SW.
- 20.48 Wash, 10 lks. wide, course NW.
- 22.58 Drain, course N.
- 26.91 Drain, course NW.
- 28.73 Drain, course NW. Over rough mountainous land.
- 35.25 Drain, course SW.
- 37.72 Drain, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins., in the

Chains ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 25 in North, and
 $\frac{1}{4}$ S 36 in South halves, and raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, North of cor.
40.99 Drain, course SW.
52.55 Wash, 20 lks. wide, course NE.
55.00 Wash, 25 lks. wide, course NW. Ascend steep rocky slope.
58.00 Top of high ridge, brs. N. and S. Descend steep rocky
slope.
74.74 Wash, 20 lks. wide, course N.
75.35 Wash, 50 lks. wide, course N.
76.03 Intersect the E. bdy. of Township 126 lks. S. $0^{\circ} 13' E.$,
of the cor. of secs. 30 and 31, which is a stone, mark-
ed and witnessed as described by the Surveyor General.
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.,
in the ground, for closing cor. bet. secs. 25 and 36,
marked
T 5 N in North,
R 14 W C C. in West, and
R 13 W S 30 S 31 in East halves,
S 25 in NW, and
S 36 in SW quadrants, and raise a
mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous and level.
Soil, rocky 3rd rate, to 28.73 and rocky worthless
to 76.03 chs. August 30, 1911.

August 31:

At the cor. of secs., 25, 26, 35 and 36, I set off
 $8^{\circ} 51\frac{1}{2}' N.$, on the decl. arc and observe the sun on the
meridian, the resulting lat. is $33^{\circ} 44\frac{1}{2}' N.$
Thence, I run
N. $0^{\circ} 01' W.$, bet secs. 25 and 26.
Descend steep rocky slope, thru dense underbrush.
7.70 Wash, 150 lks. wide, course SW. Ascend over rocky land.
15.62 Arizona and California Ry. Co., track, brs. ENE and WSW.
16.40 Telegraph line, brs. ENE and WSW.
26.00 Ascend steep rocky slope of high granite ridge.
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 26 in West, and
 $\frac{1}{4}$ S 25 in East halves, and raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
48.83 Top of high, bare granite ridge, brs. NW and SE. Descend
steep, rocky, precipitous slope.
58.00 Drain, course E. Ascend steep rocky slope.
61.00 Top of high, rocky, ridge, brs. E. and W. Descend steep
rocky slope.
65.00 Drain, course E. Ascend steep rocky slope.
71.00 Top of ridge, brs. E. and W. Descend steep rocky slope.
76.00 Drain, course E. Ascend along steep rocky east slope.
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
the ground for cor. of secs. 23, 24, 25 and 26, marked
T 5 N R 14 W, in North half,
S 24 in NE,
S 25 in SE,
S 26 in SW, and
S 23 in NW quadrants, raise a mound of
stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous.
Timber, scattering palo verde and mesquite.
Underbrush, mesquite and cacti.
Soil, rocky and worthless.

Thence, I run
East, on a true line bet. secs. 24 and 25.

Survey of the Subdivision of T. 5 N., R. 14 W.

Chains Descend steep, precipitous slope, covered with granite boulders thru dense underbrush.

3.00 Drain, course NE. Ascend steep rocky slope.

8.56 Top of ridge, brs. NE. and SW. Descend steep rocky slope.

10.28 Wash, 15 lks. wide, course NE. Ascend steep rocky slope.

18.85 Top of ridge, brs. SE. and NW. Descend steep rocky NE. slope.

36.03 Telegraph line, brs. NE. and SW.

36.83 Railroad track, brs. NE. and SW. Over rough broken land.

37.61 Wash, 40 lks. wide, course SE.

39.75 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked
W C $\frac{1}{4}$ S 24 in North, and
S 25 in South halves, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

40.00 Point for $\frac{1}{4}$ sec. cor. falls in wash, 25 lks. wide, course S.

51.00 Wash, 35 lks. wide, course SW.

53.00 Road, brs. NE. and SW.

75.70 Intersect the E. bdy. of Township 52 lks. S. 0°07' E. of cor. of secs. 19, 24, 25 and 30, which is a stone, marked and witnessed as described by the Surveyor General. This I change to refer to the cor. of secs. 19 and 30 only. Set an iron post, 3 ft. long, 2 ins. in dia. 24 ins. in ins. in the ground, for closing cor. bet. secs. 24 and 25, marked
T 5 N in North,
R 14 W C C in West, and
R 13 W S 19 S 30 in East halves,
S 24 in NW, and
S 25 in SW quadrants, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous.
Timber, scattering mesquite and palo verde.
Underbrush, mesquite, cacti and palo verde.
Soil, rocky and worthless.
August 31, 1911.

Sept. 2: At 7 a.m., l.m.t., I set off 8° 14' N., on the decl. arc; 33° 45' N. on the lat. arc and determine a meridian with the solar at the cor. of Secs. 23, 24, 25 and 26.

Thence, I run
N. 0° 01' W., bet. secs. 23 and 24.
Along steep rocky slope, thru dense underbrush.

10.15 Drain, course E. Ascend steep rocky slope.

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

16.00 Road, brs. NW. and SE.

17.00 Drain, course E. Ascend steep slope.

36.15 Top of ridge, brs. E. and W. Descend.

37.60 Drain, course E. Ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins in the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 23 in West, and
S 24 in East halves, raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

40.30 Top of ridge, brs. E. and W. Descend.

52.74 Wash, 80 lks. wide, course E. Ascend slowly

56.54 Wash, 50 lks. wide, course E.

63.80 Wash, 40 lks. wide, course E.

77.00 Drain, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins in the ground for the cor. of secs. 13, 14, 23 and 24, marked
T 5 N R 14 W in North half,
S 13 in NE,
S 24 in SE,
S 23 in SW, and
S 14 in NW quadrant,

Chains

and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous.
Timber, mesquite and palo verde.
Underbrush, mesquite, cacti and greasewood.
Soil, rocky and worthless.



Thence, I run
East on a true line, bet. secs. 13 and 24.
Over rolling land, thru dense underbrush.

- 16.00 Enter wash, 40 lks. wide, course E.
- 20.00 Leave wash, course SE.
- 28.35 Wash, 30 lks. wide, course SE.
- 30.85 Wash, 30 lks. wide, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., marked
¼ S 13 in North, and
¼ S 24 in South halves, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
- 68.25 Wash, 21 lks. wide, course SE.
- 76.17 Intersect the E. bdy. of Township 117 lks. S. 0° 6' W., of the cor. of secs. 13, 18, 19 and 24, which is a stone, marked and witnessed as described by the Surveyor General, and which I change to refer to secs. 18 and 19 only.
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for closing cor. bet. secs. 13 and 24, marked

T 5 N in North,
R 13 W S 18 S 19 in East, and
C C R 14 W in West halves,
S 13 in NW, and
S 24 in SW quadrants, and raise a mound

of stone, 2 ft. base, 1½ ft. high W. of cor.
Land, rolling.
Timber, scattering mesquite.
Underbrush, greasewood and mesquite.
Soil, sandy, gravelly loam, 3rd rate.
At this cor. I set off 8° 08' N. on the decl. arc, and observe the sun on the meridian at noon, the resulting lat. is 33° 46' N.



At the cor. of secs. 13, 14, 23 and 24:
Thence, I run
N. 0° 01' W., bet. secs. 13 and 14.
Ascend small hill, thru dense underbrush.

- 0.75 Top of hill and descend.
- 5.90 Wash, 40 lks. wide, course SE. Over rolling land.
- 15.36 Drain, course SE.
- 15.80 Wash, 40 lks. wide, course SE.
- 24.77 Wash, 15 lks. wide, course SE.
- 31.60 Drain, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia. 26 ins. in the ground for ¼ sec. cor., marked
¼ S 14 in West, and
¼ S 13 in East halves, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 43.55 Drain, course SE.
- 52.00 Wash, 30 lks. wide, course SE.
- 53.50 Drain, course SE.
- 56.00 Wash, 40 lks. wide, course SE.
- 61.15 Wash, 25lks. wide, course SE.
- 68.52 Drain, course SW.
- 69.50 Same drain, course SE.
- 74.57 Road, brs. NE. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in

Survey of the subdivisions of T. 5 N., R. 14 W.

Chains the ground, for the cor. of secs. 11, 12, 13, and 14, marked

T 5 N R 14 W in North half,
 S 12 in NE,
 S 13 in SE,
 S 14 in SW, and
 S 11 in NW quadrants, from which

A palo verde, 5 ins. in dia., brs. S. 22° 15' E., 117 lks. dist., marked T 5 N R 14 W S 13 BT.
 An iron wood, 5 ins. in dia., brs. S. 81° 45' W., 60 lks. dist., marked T 5 N R 14 W S 14 BT.
 A palo verde, 5 ins. in dia., brs. N. 15° 30' W., 38 lks. dist., marked T 5 N R 14 W S 11 BT. No other trees available, and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor.

Land, rolling.
 Timber, iron wood and palo verde.
 Underbrush, mesquite, greasewood and cacti.
 Soil, sandy and gravelly loam, 3rd rate.
 September 2, 1911.

September 3:

At 7 a.m., l.m.t., I set off 33° 47' N., on the lat. arc; 7° 52' N., on the decl. arc and determine a meridian with the solar at the cor. of secs. 11, 12, 13 and 14.

Thence, I run East, on a true line bet. secs. 12 and 13. Over rolling land, thru dense underbrush.

- 2.23 Drain, course SE.
- 6.81 Drain, course SE.
- 11.24 Drain, course SE.
- 20.19 Drain, course SE.
- 27.07 Drain, course SE.
- 30.50 Drain, course SW.
- 32.30 Drain, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for ¼ sec. cor., marked ¼ S 12 in North, and ¼ S 13 in South halves, and dig pits, 18 X 18 X 12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
- 42.00 Road, brs. NE and SW.
- 45.22 Wash, 10 lks. wide, course SE.
- 50.90 Same road, brs. NW. and SE., Salome to Winchester's mine.
- 54.60 Wash, 30 lks. wide, course SE.
- 74.35 Enter wash, 30 lks. wide, course E.
- 75.65 Leave wash, course SE.
- 75.73 Wash, 40 lks. wide, course SE.
- 76.30 Intersect the E. bdy. of township 112 lks. S. of the cor. of secs. 7, 12, 13 and 18; which is a stone, marked and witnessed as described by the Surveyor General, and which I change to refer to secs. 7 and 18 only.
 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for closing cor. bet secs. 12 and 13, marked
 T 5 N in North,
 R 13 W S 7 S 18, in East, and
 C C R 14 W in West halves,
 S 12 in NW, and
 S 13 in SW quadrants, from which
 A catclaw, 5 ins. in dia., brs. S. 42° 35' W., 39 lks. dist., marked CC T 5 N R 14 W. S 13 BT.
 A mesquite, 4 ins. in dia., brs. N. 49° 20' W., 53 lks. dist., marked CC T 5 N R 14 W S 12 BT.
 Land, rolling.
 Timber, mesquite, catclaw and palo verde.
 Underbrush, mesquite, catclaw and cacti.
 Soil, medium loam with gravel, 2nd and 3rd rate.

| | |
|--------|--|
| Chains | At the cor. of secs. 11, 12, 13 and 14: Thence, I run N. 0° 01' W., bet. secs. 11 and 12. Over rolling, broken land, thru dense underbrush. |
| 18.25 | Drain, course SE. |
| 23.79 | Road, brs. NW. and SE. |
| 34.76 | Wash, 25 lks. wide, course SE. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in dia. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 11 in West, and $\frac{1}{4}$ S 12 in East halves, from which A palo verde, 5 ins. in dia., brs. N. 70° W., 158 lks. dist., marked $\frac{1}{4}$ S 11 BT. A palo verde, 4 ins. in dia., brs. N. 63° 03' E., 43 lks. dist., marked $\frac{1}{4}$ S 12 BT. |
| 41.48 | Wash, 30 lks. wide, course SE. |
| 56.00 | Wash, 15 lks. wide, course SE. |
| 68.00 | Wash, 10 lks. wide, course SE. |
| 75.00 | Wash, 10 lks. wide, course SE. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for the cor. of secs. 1, 2, 11 and 12, marked. T 5 N R 14 W in North half, S 1 in NE, S 12 in SE, S 11 in SW, and S 2 in NW quadrants, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, rolling and broken. Timber, mesquite and palo verde. Underbrush, mesquite, palo verde, catclaw and cacti. Soil, medium with sandy and gravelly, 2nd and 3rd rate. At this cor. I set off 7° 46' N., on the decl. arc, and observe the sun on the meridian at noon; the resulting lat. is 33° 48' N. |
| ----- | |
| | Thence, I run East, on a true line, bet. secs. 1 and 12. Over rolling, rocky, broken land, thru dense underbrush. |
| 10.75 | Wash, 50 lks. wide, course SE. |
| 11.70 | Wash, 40 lks. wide, course SE. |
| 23.05 | Wash, 15 lks. wide, course SE. Across land subject to overflow. |
| 30.00 | Leave overflow land, over rolling broken land. |
| 31.22 | Wash, 30 lks. wide, course SE. |
| 33.65 | Old road, brs. NW. and SE. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 1 in North, and $\frac{1}{4}$ S 12 in South halves, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 53.66 | Wash, 15 lks. wide, course SE. |
| 56.17 | Wash, 15 lks. wide, course SE. |
| 58.66 | Old road, brs. NW. and SE. |
| 70.00 | Wash, 15 lks. wide, course SE. |
| 75.80 | Wash, 20 lks. wide, course SE. |
| 76.18 | Wash, 30 lks. wide, course SE. |
| 76.28 | Intersect the east boundary of the township 114 lks. S. of the cor. of secs. 1, 6, 7, and 12, which is a stone, marked and witnessed as described by the Surveyor General, which I change to refer to secs. 6 and 7, only Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins in the ground, for closing cor. bet. secs. 1 and 12, marked T 5 N in North, R 13 W S 6 S 7 in East, and R 14 W C C in West halves, |

Chains

S 1 in NW, and
S 12 in SW quadrants, and raise a mound
of stone, 2 ft. base, 1½ ft. high W. of cor.
Land, rolling and broken.
Timber, mesquite and palo verde.
Underbrush, greasewood and sagebrush.
Soil, to 40.00 chs. gravelly and sandy 3rd rate,
to 76.28 chs., sandy, 2nd rate.

Thence, I run
N. 0° 01' W., bet. secs. 1 and 2.
Over rolling broken land thru dense underbrush.

- 1.55 Drain, course SE.
- 8.30 Drain, course E.
- 14.40 Wash, 40 lks. wide, course SE.
- 17.50 Wash, 75 lks. wide, course SE.
- 20.53 Old road, brs. NW. and SE.
- 24.60 Drain, course SE.
- 27.15 Wash, 200 lks. wide, course NE.
- 38.65 Drain, course NE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
the ground for ¼ sec. cor., marked
¼ S 2 in West, and
S 1 in East halves, from which
A palo verde, 5 ins. in dia., brs. S. 21° 25' W., 67 lks.
dist., marked ¼ S 2 BT.
An ironwood 4 ins. in dia., brs. S. 44° 20' E., 97 lks.
dist., marked ¼ S 1 BT.
- 41.05 Wash, 25 lks. wide, course SE.
- 43.35 Wash, 20 lks. wide, course SE.
- 46.00 Wash, 25 lks. wide, course SE.
- 52.45 Wash, 20 lks. wide, course SE.
- 80.69 Intersect the N. bdy. of township 3.71 chs. N. 89° 45' E.,
of the cor. of secs. 35 and 36, 1 and 2, recently set by
me which I change to refer to secs. 35 and 36 only. Set
a 2 in. iron post, 3 ft. long, 24 ins. in the ground, for
closing cor. bet. secs. 1 and 2, marked
T 6 N S 35 S 36, in North
T 5 N R 14 W CC in South halves,
S 1 in SE, and
S 2 in SW quadrant; and raise a mound
of stone, 2 ft. base, 1½ ft. high, S. of cor.
Land, rolling and broken.
Timber, ironwood and paloverde.
Underbrush, greasewood, palo verde and cacti.
Soil, rocky and gravelly, 3rd rate.
September 3, 1911.

August 31:

At 7 a.m., l.m.t., I set off 33° 43½' N. on the lat.
arc; 8° 57' N., on the decl. arc, and determine a meri-
dian with the solar at the point for the standard cor.
of secs. 34 and 35, W. C. is a stone marked and witnessed
as described by the Surveyor General. (35 lks.W)

Thence, I run
N. 0° 01' W., bet. secs. 34 and 35, from true point
for cor.

- 23.00 Wash, 30 lks. wide, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
the ground, for ¼ sec. cor., marked
¼ S 34 in West, and
S 35 in East halves, from which
A palo verde 5 ins. in dia., brs. N. 59° 45' E., 148 lks.
dist., marked ¼ S 35 BT.
A palo verde 5 ins. in dia., brs. S. 67° 25' W., 95 lks.

Chains dist., marked $\frac{1}{4}$ S 34 BT.
40.60 Wash, 25 lks. wide, course SW.
41.60 Wash, 100 lks. wide, course SW.
43.00 Wash, 25 lks. wide, course SW. Over mountainous land.
67.50 Telegraph line, brs. NW. and SE.
68.37 Railroad brs. NW. and SE.
71.15 Top of ridge, brs. E. and W. Descend steep rocky slope.
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked
T 5 N R 14 W in North half
S 26 in NE,
S 35 in SE,
S 34 in SW, and
S 27 in NW quadrants, from which
An ironwood 4 ins. in dia., brs. N. $61^{\circ} 56'$ E., 79 lks. dist., marked T 5 N R 14 W S 26 BT
A palo verde 5 ins. in dia., brs. N. $55^{\circ} 33'$ W., 35 lks. dist., marked T 5 N R 14 W S 27 BT. No other trees available, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, rolling and mountainous.
Timber, iron wood, palo verde and mesquite.
Underbrush, mesquite, palo verde and cacti.
Soil, to 43.00 chs, gravelly and sandy, 3rd rate.
to 80.00 chs., rocky schist formation, worthless.

Thence, I run
East, on a random line, bet. secs. 26 and 35.
40.00 Set temporary $\frac{1}{4}$ sec. cor.
80.16 Intersect the N. and S. line 14 lks. S. of the cor. of secs. 26, 27, 34 and 35.
Thence, I run
S. $89^{\circ} 54'$ W., on a true line bet. secs. 26 and 35.
Descend steep rocky slope, thru dense underbrush.
16.00 Wash, 100 lks. wide, course SW.
20.00 Railroad, brs. NE. and SW.
20.40 Telegraph lines, brs. NE. and SW. Ascend along steep rocky S. slope. Schist formation.
40.08 Set an iron post, 3 ft. long, 1 in. in dia. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 26 in North, and
S 35 in South halves, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
43.00 Top of ridge, brs. N. and S. Descend steep rocky NW. slope.
51.82 Wash, 30 lks. wide, course N.
62.20 Wash, 30 lks. wide, course NW.
68.00 Wash, 25 lks. wide, course NW. Over rough, broken land.
69.40 Enter wash, course W.
71.30 Leave wash, 100 lks. wide, course NW.
73.50 Wash, 60 lks. wide, course N.
80.16 The cor. of secs. 26, 27, 34 and 35.
Land, mountainous.
Timber, scattering mesquite.
Underbrush, greasewood and cacti.
Soil, rocky worthless, schist formation.

Survey of the subdivisions of T. 5 N., R. 14 W.

| | |
|--------|--|
| Chains | September 4: |
| | At 7 a.m., l.m.t., I set off $33^{\circ} 43\frac{1}{2}'$ N., on the lat. arc; $7^{\circ} 30'$ N., on the decl. arc and determine a meridian with the solar at the standard cor. of secs. 33 and 34, on the south boundary, which is a stone marked and witnessed as described by the Surveyor General. |
| | Thence, I run |
| | N. $0^{\circ} 02'$ W., bet. secs. 33 and 34. |
| | Over rolling land, covered with red schist rocks, thru dense underbrush. |
| 16.50 | Wash, 125 lks. wide, course SW. |
| 32.15 | Wash, 20 lks. wide, course SW. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked |
| | $\frac{1}{4}$ S 33 in West, and |
| | $\frac{1}{4}$ S 34 in East halves, from which |
| | An iron wood 12 ins. in dia., brs. N. $88^{\circ} 55'$ W., 262 lks. dist., marked $\frac{1}{4}$ S 33 BT. No other tree available. |
| | And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 41.00 | Wash, 15 lks. wide, course SW. |
| 51.10 | Wash, 20 lks. wide, course W. |
| 59.00 | Wash, 15 lks. wide, course SW. |
| 60.10 | Wash, 15 lks. wide, course SW. |
| 61.70 | Wash, 20 lks. wide, course SW. |
| 68.75 | Wash, 150 lks. wide, course SW. |
| 71.90 | Old road, brs. NE and SW. |
| 73.90 | Wash, 20 lks. wide, course SW. |
| 79.35 | Wash, 15 lks. wide, course SW. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 27, 28 33 and 34, marked |
| | T 5 N R 14 W in North half, |
| | S 27 in NE, |
| | S 34 in SE, |
| | S 33 in SW, and |
| | S 28 in NW quadrants, from which |
| | A palo verde 5 ins. in dia., brs. S. $67^{\circ} 35'$ W. 203 lks. dist., marked T 5 N R 14 W S 33 BT., and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| | Land, rolling. |
| | Timber, palo verde and ironwood. |
| | Underbrush, greasewood, palo verde and cacti. |
| | Soil, gravelly and sandy with loose rocks, 3rd rate. |
| ----- | |
| | Thence, I run |
| | East, on random line, bet. secs. 27 and 34. |
| 40.00 | Set temporary $\frac{1}{4}$ sec. cor. |
| 80.18 | Intersect the N. and S. line 17 lks. S. of the cor. of secs. 26, 27 34 and 35, |
| | Thence, I run |
| | S. $89^{\circ} 53'$ W., on a true line, bet. secs. 27 and 34. |
| | Over mountainous land, thru dense underbrush. |
| 6.98 | Railroad track, brs. NW. and SE. |
| 7.72 | Telegraph line, brs. NW. and SE. |
| 10.00 | Wash, 15 lks. wide, course NW. Ascend. |
| 22.00 | Top of ridge, brs. N. and S. Descend. |
| 26.14 | Wash, 150 lks. wide, course SW. |
| 40.09 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked |
| | $\frac{1}{4}$ S 27 in North, and |
| | $\frac{1}{4}$ S 34 in South halves, and raise a mound |
| | of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 54.00 | Road, brs. NW. and SE. |
| 55.60 | Same road, brs. NE. and SW. |
| 57.30 | Same road, brs. NW. and SE. |
| 58.25 | Wash, 15 lks. wide, course SW. |
| 79.40 | Wash, 15 lks. wide, course SW. |
| 80.18 | The cor. of secs. 27, 28, 33 and 34. |

Chains Land, mountainous.
 Timber, palo verde and iron wood.
 Underbrush, greasewood, mesquite and cacti.
 Soil, gravelly and rocky, 3rd rate.

Thence, I run
 N. 0° 02' W., bet. secs. 27 and 28.
 Over level land, thru dense timber and underbrush.

4.50 Old road, brs. NE. and SW.
 11.65 Road, brs. NE. and SW. Vicksburg to Salome.
 13.52 Old road, brs. E. and W.
 15.14 Wash, 15 lks. wide, course W.
 19.50 Wash, 15 lks. wide, course SW.
 24.00 Wash, 30 lks. wide, course W.
 30.00 Wash, 15 lks. wide, course W.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 28 in West, and
 $\frac{1}{4}$ S 27 in East halves, from which
 An iron wood, 5 ins. in dia., brs. N. 80° 15' E., 177 lks.
 dist., marked $\frac{1}{4}$ S 27 BT.
 A palo verde 7 ins. in dia., brs. N. 21° 45' W., 277 lks.
 dist., marked $\frac{1}{4}$ S 28 BT.

42.41 Wash, 15 lks. wide, course SW.
 45.82 Railroad, brs. E. and W.
 46.33 Telegraph line, brs. E. and W.
 68.54 Wash, 15 lks. wide, course SW. Over mountainous land.
 72.32 Wash, 20 lks. wide, course SW.
 74.15 Drain, course SW.
 77.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
 the ground for the witness cor. to cor. of secs. 21, 22,
 27 and 28, marked
 W C T 5 N R 14 W in North half,
 S 22 in NE,
 S 27 in SE,
 S 28 in SW, and
 S 21 in NW quadrants, from which
 An iron wood 5 ins. in dia., brs. N. 33° 35' E., 136 lks.
 dist., marked W C T 5 N R 14 W S 27 BT.
 A palo verde 4 ins. in dia., brs. S. 28° 10' E., 185 lks.
 dist., marked W C T 5 N R 14 W S 27 BT.
 An iron wood 7 ins. in dia., brs. S. 18° 25' W., 125 lks.
 dist., marked W C T 5 N R 14 W S 28 BT.
 A palo verde 5 ins. in dia., brs. N. 45° 20' W., 100 lks.
 dist., marked W C T 5 N R 14 W S 28 BT.

80.00 Point for sec. cor. falls in wash, 35 lks. wide, course SW.
 Land, level and mountainous.
 Timber, iron wood and palo verde.
 Underbrush, greasewood, mesquite and cacti.
 Soil, rocky, 3rd rate.
 At this cor. I set off 7° 24' N., on the decl. arc,
 and observe the sun on the meridian at noon; the resulting
 lat. is 33° 45' N.

Chains From the standard cor. of secs. 32 and 33 on the South boundary, which is a stone, marked and witnessed as described by the Surveyor General,
 I run
 N. 0° 02' W., bet. secs. 32 and 33.
 Over land subject to overflow in times of heavy rain, thru dense underbrush.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 32 in West, and S 33 in East halves, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

69.70 Wash, 15 lks. wide, course SW.
 78.85 Wash, 20 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked
 T 5 N R 14 W in North half,
 S 28 in NE,
 S 33 in SE,
 S 32 in SW, and
 S 29 in NW quadrants, from which
 An iron wood 4 ins. in dia., brs. S. 62° 30' E., 163 lks. dist., marked T 5 N R 14 W S 33 BT.
 An ironwood 5 ins. in dia., brs. N. 79° 05' W., 228 lks. dist., marked T 5 N R 14 W S 29 BT.; no other tree available, dig pits 18 X 18 X 12 ins., NE and SW., of cor. 3 $\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.
 Timber, iron wood and palo verde.
 Underbrush, greasewood, mesquite and cacti.
 Soil, sandy and gravelly, 2nd and 3rd rate.

Thence, I run
 East, on random line, bet. secs. 28 and 33.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
 80.14 Intersect the N. and S. line, 16 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence, I run
 S. 89° 53' W., on true line, bet. secs. 28 and 33.
 Over level land, badly cut by washes, thru dense underbrush.

21.00 Wash, 10 lks. wide, course SW.
 30.30 Wash, 15 lks. wide, course SW.
 38.80 Wash, 10 lks. wide, course SW.
 39.80 Wash, 15 lks. wide, course SW.

40.07 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 28 in North, and S 33 in South halves, and dig pits 18 X 18 X 12 ins., E. and W., of cor. 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

40.47 Wash, 10 lks. wide, course SW.
 41.00 Wash, 15 lks. wide, course SW.
 45.80 Wash, 20 lks. wide, course SW.
 53.10 Wash, 10 lks. wide, course SW.
 54.90 Wash, 10 lks. wide, course SW.
 73.00 Wash, 10 lks. wide, course SW.
 78.45 Wash, 20 lks. wide, course SW.

80.14 The cor. of secs. 28, 29, 32 and 33.
 Land, level.
 Timber, iron wood and palo verde.
 Underbrush, greasewood palo verde and cacti.
 Soil, rocky with large gravel, 3rd rate.
 September 4, 1911.

Chains

September 5:

At 7. a.m., l.m.t., I set off 7° 08' on the decl. arc; 33° 44½' N. on the lat. arc, and determine a meridian with the solar at the cor. of secs. 28, 29, 32 and 33.

Thence, I run N. 0° 02' W., bet. secs. 28 and 29. Over level land subject to overflow, thru dense underbrush.

- 10.00 Leave overflow land. Over level desert land.
- 27.44 Wash, 25 lks. wide, course SW.
- 29.90 Wash, 15 lks. wide, course SW.
- 30.60 Road, brs. NW. and SE.
- 33.78 Telegraph line, brs. NW. and SE.
- 34.39 Railroad, brs. NW. and SE.
- 35.28 Wash, 30 lks. wide, course SW.
- 39.00 Enter wash, course SW.
- 40.00 Point for ¼ sec. cor. falls in wash.
- 41.40 Leave wash, 80 lks. wide, course S.
- 42.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for witness cor. to ¼ sec. cor., marked
W C ¼ S 29 in West, and
S 28 in East halves, from which
A palo verde 5 ins. in dia., brs. N. 67° 25' E., 80 lks. dist., marked W C ¼ S 28 BT.
A palo verde 4 ins. in dia., brs. S. 50° 10' W., 186 lks. dist., marked W C ¼ S 29 BT.
- 44.15 Wash, 30 lks. wide, course SW.
- 54.45 Wash, 25 lks. wide, course SW.
- 59.40 Wash, 30 lks. wide, course SW.
- 61.75 Wash, 40 lks. wide, course SW.
- 64.65 Wash, 15 lks. wide, course SW. Over rolling land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, marked
T 5 N R 14 W S 21 in North half,
S 21 in NE,
S 28 in SE,
S 29 in SW, and
S 20 in NW quadrants, from which
A palo verde 5 ins. in dia., brs. N. 60° 29' E., 90 lks. dist., marked T 5 N R 14 W S 21 BT.
A palo verde 5 ins. in dia., brs. S. 31° 40' E., 156 lks. dist., marked T 5 N R 14 W S 28 BT.
A palo verde 5 ins. in dia., brs. S. 89° 35' W., 259 lks. dist., marked T 5 N R 14 W S 29 BT.
An iron wood 5 ins. in dia., brs. N. 15° 00' W., 259 lks. dist., marked T 5 N R 14 W S 20 BT.

Land, level and rolling.
Timber, palo verde and iron wood.
Underbrush, greasewood, palo verde and cacti.
Soil, sandy and gravelly, 3rd rate.

Thence, I run N. 89° 53' E., on random line, bet. secs. 21 and 28.

- 40.00 Set temporary ¼ sec. cor.
- 80.12 Intersect the N. and S. line 4 lks. S. of the true point for the cor. of secs. 21, 22, 27 and 28.
Thence, I run
S. 89° 51' W., on true line, bet. secs. 21 and 28.
Over mountainous land, thru dense underbrush and scattering timber.
- 6.75 Wash, 15 lks. wide, course S.
- 14.75 Wash, 30 lks. wide, course S.
- 30.30 Wash, 10 lks. wide, course SW.
- 35.35 Wash, 10 lks. wide, course SW.
- 40.06 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked
¼ S 21 in North, and
S 28 in South halves, from which

Chains An iron wood 7 ins. in dia., brs. S. $89^{\circ} 15' W.$, 210 lks. dist., marked $\frac{1}{4}$ S 28 BT.
 An iron wood, 6 ins. in dia., brs. N. $66^{\circ} 20' W.$, 269 lks. dist., marked $\frac{1}{4}$ S 21 BT.

63.10 Wash, 20 lks. wide, course SW.
 80.12 The cor. of secs. 20, 21, 28 and 29.
 Land, mountainous.
 Timber, iron wood and palo verde.
 Underbrush, mesquite, sagebrush and cacti.
 Soil, rocky of schist formation, worthless.
 At this cor. I set off $7^{\circ} 03' N.$ on the decl. arc, and observe the sun on the meridian at noon; the resulting latitude is $33^{\circ} 45' N.$

Thence, I run
 N. $0^{\circ} 02' W.$, bet. secs. 20 and 21.
 Over rolling land thru dense underbrush.

3.75 Road, brs. NNE. and SSW. Vicksburg to Winchester's mines.
 10.95 Wash, 15 lks. wide, course SW.
 12.00 Wash, 10 lks. wide, course SW.
 20.94 Wash, 12 lks. wide, course SW.
 27.75 Enter wash, 150 lks. wide, course SW.
 34.00 Old road, brs. E. and W.
 39.00 Leave wash, course S.
 40.00 Set an iron post, 3 ft. long 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 20 in West, and
 $\frac{1}{4}$ S 21 in East halves, from which
 A palo verde 7 ins. in dia., brs. N. $31^{\circ} 30' E.$, 33 lks. dist., marked $\frac{1}{4}$ S 21 BT.
 An iron wood 5 ins. in dia., brs. S. $16^{\circ} 10' W.$, 41 lks. dist., marked $\frac{1}{4}$ S 20 BT.

49.59 Wash, 20 lks. wide, course SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for the cor. of secs. 16, 17, 20 and 21, marked
 $T 5 N R 14 W$ in North half,
 S 16 in NE,
 S 21 in SE,
 S 20 in SW, and
 S 17 in NW quadrants, and raise a mound of stones, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling and mountainous.
 Timber, palo verde and iron wood.
 Underbrush, mesquite, catclaw and cacti.
 Soil, rocky schist formation, worthless.

Thence, I run
 N. $0^{\circ} 02' W.$, bet. secs. 16 and 17.
 Over mountainous land, thru dense underbrush.

24.25 Wash, 15 lks. wide, course SE.
 31.69 Wash, 10 lks. wide, course SW.
 36.81 Wash, 15 lks. wide, course SW.
 37.38 Wash, 10 lks. wide, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 17 in West and
 $\frac{1}{4}$ S 16 in East halves, from which
 A palo verde 5 ins. in dia., brs. N. $87^{\circ} 45' E.$, 101 lks. dist., marked $\frac{1}{4}$ S 16 BT.
 An ironwood 4 ins. in dia., brs. N. $54^{\circ} 40' W.$, 124 lks. dist., marked $\frac{1}{4}$ S 17 BT.
 From the $\frac{1}{4}$ sec. cor. U. S. L. M. No. 1220 brs. N. $56^{\circ} 42' E.$ 37.32 chs. dist..

41.78 Road, brs. NE. and SW. Ascend steep rocky slope.
 44.24 Intersect the S. bdy. of the Golden Mound lode claim, cor.

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|---------|--|
| Chains. | No. 1 brs. S. 86° 07' E., 58 lks. dist. |
| 44.33 | Smokestack on mill brs. N. 70° 07' E. Assay Tent " S. 12° 25' E. Tent house brs. " S. 3° 34' E. Winchester's house " N. 40° 14' W. Shack " N. 43° 54' W. " " N. 58° 30' W. " " N. 25° 51' W. " " S. 84° 03' W. |
| 46.50 | Red shack brs. East 30 lks. |
| 47.82 | Smokestack on mill brs. S. 73° 37' E. Assay tent " S. 5° 37' E. Tent house " S. 30° 46' E. Winchester's house " N. 57° 28' W. Shack " N. 65° 45' W. Shack " N. 85° 30' W. Shack " N. 39° 50' W. Shack " S. 60° 09' W. |
| 52.65 | Water pipe to house brs. NE and SW. |
| 54.79 | Enter house. |
| 55.25 | Leave house. Top of ridge brs. E. and W. Descend steep rocky slope. |
| 57.18 | Wash, 15 lks. wide, course W. |
| 60.80 | Intersect the W. bdy. of Golden Mound lode claim. Cor. No. 3 brs. N. 13° 44' E., 602 lks. dist. Barker's house brs. N. 75° 10' W. |
| 65.65 | Drain, course NW. Along steep rocky W. slope. |
| 70.75 | Barker's house brs. S. 71° 40' W. |
| 72.95 | Drain, course NW. |
| 74.79 | Road, brs. NE, and SW. |
| 77.60 | Wash, 40 lks. wide, course SW. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked T 5 N R 14 W in North half, S 9 in NE, S 16 in SE, S 17 in SW, and S 8 in NW quadrants, from which A palo verde 4 ins. in dia., brs. N. 31° 00' E., 154 lks. dist., marked T 5 N R 14 W S 9 BT. A palo verde 5 ins. in dia., brs. S. 21° 20' E., 32 lks. dist., marked T 5 N R 14 W S 16 BT. A palo verde 5 ins. in dia., brs. S. 72° 25' W., 58 lks. dist., marked T 5 N R 14 W S 17 BT. A palo verde 5 ins. in dia., brs. N. 25° 50' W., 58 lks. dist., marked T 5 N R 14 W S 8 BT. Land, mountainous. Timber, ironwood and palo verde. Underbrush, greasewood, palo verde and cacti. Soil, rocky schist formation, mineral, worthless for farming. September 5, 1911. |

September 6:

At 7 a.m., l.m.t., I set off 33° 43½' N., on the lat. arc; 6° 45½' N., on the decl. arc and determine a meridian with the solar at the standard cor. of secs. 31 and 32, on the south boundary, which is a stone marked and witnessed as described by the Surveyor General.

Thence, I run

N. 0° 03' W., bet. secs. 31 and 32.

Over land subject to overflow, thru dense underbrush.

17.35 Wash, 35 lks. wide, course SW. Over rolling land.

27.85 Wash, 20 lks. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked

¼ S 31 in West, and

S 32 in East halves, dig pits 18 X 18 X

12 ins., N. and S. of cor. 3 ft. dist., and raise a

Survey of the subdivisions of T. 5 N., R. 14 W.

Chains a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
 47.00 Wash, 20 lks. wide, course SW.
 49.00 Old road, brs. NE. and SW.
 53.25 Wash, 15 lks. wide, course SW.
 54.05 Wash, 10 lks. wide, course SW.
 55.20 Wash, 10 lks. wide, course SW.
 60.80 Wash, 15 lks. wide, course SW.
 70.50 Wash, 10 lks. wide, course SW.
 71.80 Wash, 15 lks. wide, course SW.
 73.00 Wash, 15 lks. wide, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for the cor. of secs. 29, 30, 31 and 32, marked:

T 5 N R 14 W in North half,
 S 29 in NE,
 S 32 in SE,
 S 31 in SW, and
 S 30 in NW quadrants; from which

A palo verde 5 ins. in dia., brs. N. 81° 00' E., 172 lks. dist., marked T 5 N R 14 W S 29 BT.

A palo verde 6 ins. in dia., brs. N. 81° 15' W., 83 lks. dist., marked T 5 N R 14 W S 30 BT. No other trees available. Dig pits, 18 X 18 X 12 ins., SE and SW of cor. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level and rolling.

Timber, mesquite, ironwood and palo verde.

Underbrush, greasewood, palo verde and cacti.

Soil, sandy gravelly loam, 3rd rate.

 Thence, I run

East on random line, bet. secs. 29 and 32.

40.00 Set temporary ¼ sec. cor.

80.14 Intersect the N. and S. line 23 lks. S. of the cor. of secs. 28, 29 32 and 33.

Thence, I run

S. 89° 50' W., on a true line, bet. secs. 29 and 32.

Over level land, thru dense underbrush.

1.05 Wash, 15 lks. wide, course SW.

1.45 Wash, 10 lks. wide, course SW.

2.20 Wash, 10 lks. wide, course SW.

5.80 Wash, 10 lks. wide, course SW.

26.55 Wash, 15 lks. wide, course SW.

31.60 Wash, 10 lks. wide, course SW.

36.70 Wash, 20 lks. wide, course SW.

40.07 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked

¼ S. 29 in North, and

S 32 in South halves, and raise a mound

of stone, 2 ft. base, 1½ ft. high, N. of cor.

47.85 Wash, 15 lks. wide, course SW.

51.84 Old road, brs. NE. and SW.

53.80 Wash, 25 lks. wide, course SW.

61.70 Wash, 20 lks. wide, course SW.

68.40 Wash, 15 lks. wide, course SW.

70.30 Wash, 15 lks. wide, course SW.

74.40 Wash, 60 lks. wide, course SW.

80.14 The cor. of secs. 29, 30 31 and 32.

Land, level.

Timber, palo verde and iron wood.

Underbrush, greasewood and cacti.

Soil, gravelly sandy loam, 3rd rate.

At this cor. I set off 6° 40' N., on the decl. arc and observe the sun on the meridian at noon; the resulting latitude is 33° 44½' N.

Chains

Thence, I run
West, on a random line, bet. secs. 30 and 31.

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

80.10 Intersect the W. bdy. of township 18 lks. N. of cor. of
secs. 25, 30, 31 and 36. heretofore described.

Thence, I run
N. $89^{\circ} 52'$ E., on a true line, bet. secs. 30 and 31.
Over level land, thru dense underbrush.

2.10 Wash, 10 lks. wide, course SW.

8.00 Wash, 15 lks. wide, course SW.

10.00 Wash, 35 lks. wide, course SW.

24.00 Same wash, course NW. Telephone line brs. NE. and SW.

27.51 Same wash, course SW.

29.26 Same wash, course NW.

32.50 Same wash, course SW.

37.10 Wash, 20 lks. wide, course SW.

40.10 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 30 in North, and
S 31 in South halves, and raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

41.00 Road, brs. NE. and SW.

46.80 Wash, 20 lks. wide, course SW.

48.20 Wash, 20 lks. wide, course SW.

51.50 Wash, 15 lks. wide, course SW.

57.80 Road, brs. NE. and SW.

65.60 Wash, 15 lks. wide, course SW.

68.20 Wash, 15 lks. wide, course SW.

71.20 Wash, 15 lks. wide, course SW.

72.25 Wash, 15 lks. wide, course SW.

72.80 Wash, 15 lks. wide, course SW.

75.50 Wash, 15 lks. wide, course SW.

80.10 The cor. of secs. 29, 30, 31 and 32.
Land, level.
Timber, ironwood and palo verde.
Underbrush, mesquite and cacti.
Soil, gravelly and sandy, 3rd rate.

Thence, I run
N. $0^{\circ} 03'$ W., bet. secs. 29 and 30.
Over rolling land, thru dense underbrush.

14.70 Road, brs. NE. and SW.

16.20 Wash, 150 lks. wide, course SW.

17.75 Wash, 30 lks. wide, course SW.

20.35 Old road, brs. NE. and SW.

23.62 Telegraph line brs. E. and W.

24.24 Railroad, brs. E. and W.

26.50 Wash, 10 lks. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S 30 in West, and
S 29 in East halves, from which
An iron wood 6 ins. in dia., brs. S. $35^{\circ} 16'$ E., 280 lks.
dist., marked $\frac{1}{4}$ S 29 BT.
A palo verde 10 ins. in dia., brs. N. $9^{\circ} 23'$ W., 145 lks.
dist., marked $\frac{1}{4}$ S 30 BT.
From this point I run, N. $83^{\circ} 23'$ W. 9.54 chs. to sta. "A"
School house brs. S. $72^{\circ} 23'$ W., 162 lks. dist.
Thence, I run S. $34^{\circ} 29'$ W., 9.20 chs. to sta. "B".
Stage driver's barn brs. N. 37° W. 100 lks.
Mexican's house brs. N. $0^{\circ} 30'$ W., 200 lks.
" " " N. $81^{\circ} 30'$ E., 442 lks. dist.
" " " S. $4^{\circ} 35'$ E., 336 lks.
Ry. barn brs. S. $34^{\circ} 15'$ E., 618 lks.
Tent house (empty) " S. $22^{\circ} 50'$ E. 210 lks. dist.
" " " " S. $8^{\circ} 15'$ E., 200 lks.
" " " " S. $5^{\circ} 00'$ W., 160 lks.

Survey of the subdivisions of T. 5 N., R. 14 W.

Chains Fansler's store brs. S 21° 45' W. 125 lks. dist.
 " house " S. 38° 30' W., 150 lks.
 Thence I run S. 41° 15' W., 3.48 chs. to sta. "C".
 Section boss's house brs. S. 75° 30' W. 478 lks.
 Barn " N. 60° 00' W. 376 lks.
 Telegraph operator's house " N. 76° 50' W. 414 lks.
 Water tank " S. 80° 50' W. 320 lks.
 Depot (Vicksburg) " S. 29° 20' E., 244 lks.
 Thence, I run S. 6° 15' E., 3.56 chs. to sta. "D".
 Brown's old house brs. S. 46° 55' E., 418 lks.
 Old empty house " S. 37° 55' E., 296 lks.
 " " " S. 34° 25' E., 264 lks.
 Hotel " S. 20° 30' E., 200 lks.
 Empty house " S. 13° 20' E., 166 lks.
 Richmond's store " S. 12° 30' W., 136 lks. dist.
 " house " S. 55° 45' W., 152 lks.
 Thence, I run S. 32° 20' W., 5.06 chs. to sta. "E".
 Empty house brs. S. 63° 30' W., 146 lks.
 " " S. 56° 50' W., 168 lks.
 Palace saloon " S. 4° 15' E., 90 lks.
 Brown's barn " N. 35° 25' W., 160 lks.
 Thence I run S. 19° 15' E., 4.54 chs., to station "F".
 Old barn brs. S. 45° 40' W., 282 lks.
 Tent house " S. 27° 45' W., 264 lks.
 Old white house " S. 14° 45' W., 256 lks.
 Empty tent house " S. 1° 10' W., 274 lks.
 Shack " S. 7° 45' W., 274 lks.
 Yellow house " S. 30° 40' E., 434 lks.
 Empty tent house " S. 1° 30' E., 450 lks.
 Tent " S. 3° 30' E., 550 lks.
 Brown's new house " N. 60° 45' E., 620 lks.
 41.56 Wash, 50 lks. wide, course SW.
 59.00 Road, brs. SW. and NE.
 60.10 Wash, 10 lks. wide, course SW.
 60.98 Wash, 15 lks. wide, course SW.
 63.00 Wash, 25 lks. wide, course SW.
 66.00 Old road, brs. SW. and NE.
 72.30 Wash, 30 lks. wide, course SW.
 79.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
 the ground for witness cor. to the cor. of secs. 19, 20,
 29 and 30, marked
 W C T 5 N R 14 W in North half,
 S 20 in NE,
 S 29 in SE,
 S 30 in SW, and
 S. 19 in NW quadrants, from which
 A palo verde 6 ins. in dia., brs. N. 75° 45' E., 236 lks.
 dist., marked W C T 5 N R 14 W S 29 BT.
 A palo verde 5 ins. in dia., brs. S. 2° 40' E., 207 lks.
 dist., marked W C T 5 N R 14 W S 29 BT.
 A palo verde 7 ins. in dia., brs. S. 40° W., 128 lks.
 dist., marked W C T 5 N R 14 W S 30 BT.
 A palo verde 8 ins. in dia., brs. N. 65° 30' W., 210 lks.
 dist., marked W C T 5 N R 14 W S 19 BT.
 80.00 Point for sec. cor falls in wash 30 lks. wide, course W.
 Land, rolling and mountainous.
 Timber, palo verde and iron wood.
 Underbrush, mesquite and cacti.
 Soil, rocky and gravelly, 3rd rate.
 September 6, 1911.

September 7, 1911:
 From the true point for the cor. of secs. 19, 20,
 29 and 30, I run
 N. 89° 50' E., on a random line, bet. secs. 20 and
 29.

40.00 Set temporary 1/4 sec. cor.

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

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| Chains | secs. 20, 21, 28 and 29. Thence, I run S. 89° 49' W., on a true line, bet. secs. 20 and 29. Over mountainous land, thru dense underbrush. |
| 25.00 | Top of ridge, brs. N. and S. Descend. |
| 32.00 | Wash, 15 lks. wide, course SW. |
| 38.00 | Wash, 15 lks. wide, course SW. |
| 40.09 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 20 in North, and S 29 in South halves, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 45.50 | Wash, 150 lks. wide, course SW. |
| 52.60 | Drain, course SW. Ascend. |
| 62.00 | Top of ridge, brs. N. and S. Descend. |
| 65.80 | Wash, 25 lks. wide, course SW. |
| 67.40 | Road, brs. NE. and SW. |
| 70.10 | Phone line, brs. NE. and SW. |
| 74.60 | Wash, 30 lks. wide, course S. |
| 80.18 | The true point for the cor. of secs. 19, 20, 29 and 30. Land, rolling and mountainous. Timber, palo verde and iron wood. Underbrush, greasewood, palo verde and cacti. |
| ----- | |
| | From the true point for the cor. of secs. 19, 20, 29 and 30, I run S. 89° 52' W., on a random line bet. secs. 19 and 30. |
| 40.00 | Set temporary $\frac{1}{4}$ sec. cor. |
| 80.00 | Intersect the W. boundary of township 3 lks. N. of the cor. of secs. 19, 24, 25 and 30, heretofore described. Thence, I run N. 89° 51' E., on true line, bet. secs. 19 and 30. Over rolling land, thru dense underbrush. |
| 10.00 | Wash, 15 lks. wide, course SW. |
| 15.16 | Wash, 30 lks. wide, course SW. |
| 21.23 | Wash, 35 lks. wide, course SW. |
| 32.00 | Wash, 25 lks. wide, course SW. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. 19 in North, and S 30 in South halves, from which An iron wood 5 ins. in dia., brs. S. 78° 30' E., 241 lks. dist., marked $\frac{1}{4}$ S 30 BT. An iron wood 5 ins. in dia., brs. N. 27° 20' W., 90 lks. dist., marked $\frac{1}{4}$ S 19 BT. |
| 42.50 | Wash, 30 lks. wide, course SW. |
| 50.80 | Wash, 75 lks. wide, course SW. |
| 52.00 | Wash, 30 lks. wide, course SW. |
| 57.00 | Wash, 25 lks. wide, course SW. |
| 63.50 | Wash, 15 lks. wide, course SW. |
| 64.10 | Wash, 10 lks. wide, course SW. |
| 65.75 | Wash, 15 lks. wide, course SW. |
| 68.90 | Wash, 25 lks. wide, course SW. |
| 80.00 | The true point for the cor. of secs. 19, 20, 29 and 30. Land, rolling and mountainous. Timber, palo verde and iron wood. Underbrush, greasewood, palo verde and cacti. Soil, rocky and gravelly, 3rd rate. Sept. 7: At this cor. set off 6° 17 $\frac{1}{2}$ ' N., on the decl. arc and observe the sun on the meridian at noon; the result- ing latitude was 33° 45' N. |
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Survey of the subdivisions of T. 5 N., R. 14 W.

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| Chains | From the true point for the cor. of secs. 19, 20, 29 and 30, I run N. 0° 03' W., bet. secs. 19 and 20. Over rolling, rocky land, thru dense underbrush. |
| 0.70 | Wash, 100 lks. wide, course SW. |
| 4.40 | Wash, 40 lks. wide, course SE. |
| 13.10 | Wash, 50 lks. wide, course SW. |
| 16.00 | Wash, 40 lks. wide, course SW. |
| 28.60 | Wash, 25 lks. wide, course SW. |
| 34.90 | Road, brs. NE. and SW. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 19 in West, and S 20 in East halves, from which A palo verde, 4 ins. in dia., brs. N. 65° 15' E., 234 lks. dist., marked $\frac{1}{4}$ S 20 BT. An iron wood, 10 ins. in dia., brs. N. 64° 15' W., 182 lks. dist., marked $\frac{1}{4}$ S 19 BT. |
| 41.20 | Wash, 100 lks. wide, course SW. |
| 54.75 | Wash, 25 lks. wide, course NW. |
| 60.75 | Wash, 25 lks. wide, course NW. |
| 65.80 | Enter wash, 30 lks. wide, course SW. |
| 75.25 | Leave wash, comes from NE. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked T 5 N R 14 W in North half, S 17 in NE, S 20 in SE, S 19 in SW, and S 18 in NW quadrants, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, rolling. Timber, palo verde and iron wood. Underbrush, greasewood, palo verde and cacti. Soil, rocky and gravelly, 3rd rate. |
| ----- | |
| | Thence, I run N. 89° 49' E., on a random line bet. secs. 17 and 20. |
| 40.00 | Set temporary $\frac{1}{4}$ sec. cor. |
| 80.14 | Intersect the N. and S. line, 4 lks. N. of the cor. of secs. 16, 17, 20 and 21. Thence, I run S. 89° 51' W., on a true line, bet. secs. 17 and 20. Over, rolling, rocky land, thru dense underbrush. |
| 3.20 | Wash, 20 lks. wide, course S. |
| 5.40 | Wash, 20 lks. wide, course S. |
| 10.70 | Wash, 15 lks. wide, course SE. |
| 13.30 | Wash, 15 lks. wide, course SE. |
| 15.59 | Old road, brs. N. and S. |
| 18.00 | Wash, 15 lks. wide, course SW. |
| 22.80 | Old road, brs. NE. and SW. |
| 31.85 | Road, Winchester's to Vicksburg, brs. NE. and SW. |
| 32.50 | Phone line, brs. NE. and SW. |
| 38.20 | Wash, 100 lks. wide, course SW. |
| 40.07 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 17 in North, and S 20 in South halves, from which A palo verde, 5 ins. in dia., brs. N. 62° 55' E., 150 lks. dist., marked $\frac{1}{4}$ S 17 BT. A palo verde 5 ins. in dia., brs. S. 21° 45' E., 57 lks. dist., marked $\frac{1}{4}$ S 20 BT. |

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| Chains | |
| 44.00 | Wash, 5 lks. wide, course SW. Ascend steep rocky slope. |
| 55.00 | Top of ridge, brs. N. and S. Descend steep rocky slope. |
| 67.00 | Wash, 35 lks. wide, course SW. |
| 73.20 | Wash, 25 lks. wide, course SW. |
| 78.15 | Wash, 20 lks. wide, course SW. |
| 80.14 | The cor. of secs. 17, 18, 19 and 20. Land, mountainous and rolling. Timber, palo verde and iron wood. Underbrush, greasewood, mesquite and cacti. Soil, gravelly and rocky, 3rd rate. September 7, 1911. |
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| | September 8: |
| | At 7 a.m., l.m.t., I set off 6° 01' N., on the decl. arc; 33° 46' N., on the lat. arc, and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20. |
| | Thence, I run S. 89° 51' W., on a random line, bet. secs. 18 and 19. |
| 40.00 | Set temporary $\frac{1}{4}$ sec. cor. |
| 79.94 | Intersect the W. bdy. of T. 5 lks. N. of the cor. of secs. 13, 18, 19 and 24. heretofore described. Thence, I run N. 89° 49' E., on a true line, bet. secs. 18 and 19. Ascend over mountainous land, thru dense underbrush. |
| 7.00 | Top of ridge, brs. N. and S. Descend. |
| 16.00 | Wash, 30 lks. wide, course NW. Ascend. |
| 25.00 | Top of ridge, brs. N. and S. Descend. |
| 39.94 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 18 in North and $\frac{1}{4}$ S 19 in South halves, and raised a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 43.50 | Wash, 40 lks. wide, course SE. Ascend. |
| 45.00 | Top of low ridge, brs. N. and S. Descend. |
| 55.00 | Drain, course S. Ascend. |
| 67.00 | Top of ridge, brs. N. and S. Descend. |
| 69.10 | Drain, course S. Ascend. |
| 71.70 | Top of ridge, brs. N. and S. Descend. |
| 72.25 | Drain, course S. Descend. |
| 79.94 | The cor. of secs. 17, 18, 19 and 20. Land, mountainous. Timber, palo verde and iron wood. Underbrush, greasewood, mesquite and cacti. Soil, rocky and worthless. |
| ----- | |
| | Thence, I run N. 0° 03' W., bet. secs. 17 and 18. Ascending thru dense underbrush. |
| 12.00 | Top of ridge, brs. NE. and SW. Descend. |
| 15.38 | Drain, course SW. Ascend. |
| 17.75 | Top of ridge, brs. NE. and SW. |
| 24.40 | Drain, course W. Ascend. |
| 27.75 | Small ridge, brs. W. Descend. |
| 32.70 | Wash, 15 lks. wide, course SW. |
| 36.70 | Wash, 10 lks. wide, course SW. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 18 in West, and $\frac{1}{4}$ S 17 in East halves, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. |
| 47.65 | Wash, 20 lks. wide, course SW. |
| 50.15 | Road, brs. NE. and SW. |
| 54.15 | Wash, 15 lks. wide, course SW. Ascend. |

Chains

60.95 Drain, course NW.
 61.75 Drain, course SW.
 65.75 Top of ridge, brs. NW. and SE. Descend.
 67.00 Drain, course NW.
 70.00 Wash, 40 lks. wide, course SW. Ascend.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked
 T 5 N R 14 W in North half,
 S 8 in NE,
 S 17 in SE,
 S 18 in SW, and
 S 7 in NW quadrant, and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor.
 Land, mountainous.
 Timber, ironwood and palo verde.
 Underbrush, greasewood, mesquite and cacti
 Soil, rocky and worthless.
 At this cor. I set off 5° 55' N., on the decl. arc and observe the sun on the meridian at noon; the resulting latitude is 33° 47' N.

 Thence, I run
 N. 89° 51' E., on a random line, bet. secs. 8 and 17.
 40.00 Set temporary ¼ sec. cor.
 80.10 Intersect the N. and S. line 2 lks. S. of the cor. of secs. 8, 9, 16 and 17.
 Thence, I run
 S. 89° 50' W., on a true line bet. secs. 8 and 17.
 Ascend steep rocky slope, thru dense underbrush.
 15.00 Top of high ridge, brs. N. and S. Descend steep rocky slope.
 36.00 Wash, 15 lks. wide, course S. Ascend steep rocky slope.
 40.05 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked
 ¼ S 8 in North, and
 S 17 in South halves, and raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
 42.00 Top of high ridge, brs. N. and S. Descend steep rocky slope.
 56.00 Overbroken land.
 73.00 Road, brs. NW. and SE. Ascend steep rocky slope.
 80.10 The cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Underbrush, greasewood and cacti. No timber.
 Soil, rocky and worthless.

 Thence, I run
 S. 89° 49' W., on a random line, bet. secs. 7 and 18.
 40.00 Set temporary ¼ sec. cor.
 79.86 Intersect the W. bdy. of the township 2 lks. N. of the cor. of secs. 7, 12, 13 and 18. heretofore described.
 Thence, I run
 N. 89° 48' E., on a true line, bet. secs. 7 and 18.
 Ascend thru dense underbrush.
 3.00 Top of low ridge, brs. N. and S. Descend.
 15.00 Enter wash, course NW.
 20.00 Leave wash, 75 lks. wide, course W., comes from SE.
 39.00 Wash, 15 lks. wide, course SW. Ascend.
 39.86 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked
 ¼ S 7 in North, and
 S 18 in South halves, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 42.50 Top of ridge, brs. N. and S. Descend.
 45.60 Drain, course S. Ascend steep slope.
 49.00 Top of ridge, brs. N. and S. Descend steep slope.

56.50 Enter wash 50 lks. wide, course SW.
61.50 Leave wash, comes from NE.
63.65 Wash, 100 lks. wide, course SW. Ascend steep rocky slope.
74.25 Top of ridge, brs. N. and S. Descend steep rocky slope.
79.86 The cor. of secs. 7, 8, 17 and 18.
Land, mountainous.
Underbrush, greasewood and cacti. No timber.
Soil, rocky and worthless.
September 8, 1911.

GENERAL DESCRIPTION.

T. 5 N., R. 14 W., is mostly mountainous with some level land and rolling land, but of poor grade of soil. There is no farming done in the township. The town of Vicksburg being a mining town. There is no active mining camp in the township, but considerable prospecting.

There is no well in Vicksburg, all water being shipped in. A well was bored 200 feet and no water was struck.

In two of the washes in the northern part of the township prospectors have wells dug but the water supply is uncertain and would not supply water for irrigation on any scale.

In the near future a well will be sunk on the Winechester property to supply water for mining and if a good supply is found water might be piped for irrigation on some of the small flats of good ground.

There are no settlers other than noted in the notes.

There is no living water in the township.

Ernest W. Rodell
U. S. Surveyor.

FINAL OATHS OF ~~DEPUTY~~ SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES.

BOOK 2345

A list of the names of the individuals employed by Fred W. Redelf

....., 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 Tp. 5 N., R. 14 W.

showing the respective capacities in which they acted:

- H. N. Bradstreet....., *Chainman.*
- L. E. Flanagan....., *Chainman.*
- Oliver Neffzinger......, *Moundman.*
-, *Moundman.*
- J. Gary Lindley......, *Axman.*
-, *Axman.*
- Harry B. Marshall....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Fred W. Redelf

....., United States ~~Deputy~~ Surveyor, in surveying all those parts or portions of the subdivision of Tp. 5 N., R. 14 W.

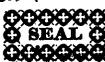
..... of the
Principal meridian, State of Arizona, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments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

- H. N. Bradstreet*....., *Chainman.*
- L. E. Flanagan*....., *Chainman.*
- Oliver Neffzinger*....., *Moundman.*
-, *Moundman.*
- J. Gary Lindley*....., *Axman.*
-, *Axman.*
- H. B. Marshall*....., *Flagman.*

Subscribed and sworn to before me this 8th day of September., 19 11

Fred W. Redelf

U. S. Surveyor



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BOOK 2345

FINAL OATH OF UNITED STATES ~~DEPUTY~~ SURVEYOR.

I, Fred W. Rodolf, United States ~~Deputy~~ ^{XXXXX} Surveyor, do solemnly swear that, in pursuance of ~~special~~ ^{of special} instructions received from Frank S. Ingalls United States Surveyor General for Arizona.

bearing date of the 8th day of July, 19 11, 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 Township 5 North, Range 14 West

of the principal meridian, in the state 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.

Fred W. Rodolf
United States ~~Deputy~~ Surveyor.

Subscribed by said Fred W. Rodolf, and sworn to before me }
this 12 day of Aug, 19 12



Amelia M. ...
Clerk
P. H. ...
Deputy

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, August 17, 19 12

The foregoing field notes of the survey of subdivision of Township 5 North, Range 14 West

executed by Fred W. Rodolf, Group under ~~book~~ No. 12, dated July 18, 19 11, 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.