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SLR.50.1914

Book "M"

BOOK 2803

Subdivisions

FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines of Tp. 2 N. Rg. 8 W.

2803

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

John F. Hesse

In the capacity of U. S. Surveyor, under instructions dated October 21, 1913, issued by the United States Surveyor General to govern surveys included in Group No. 32, which were approved by the Commissioner of the General Land Office, November 21, 1913, pursuant to authority contained in the Act of Congress dated June 23, 1913

Survey commenced March 31, 1914

Survey completed May 4, 1914

Book "M"

BOOK 2803

INDEX DIAGRAM.

Township 2 North, Range 8 West

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

———— Notes in Book "A", this Group
 - - - - - Unsurveyed

Subdivision of Tp. 2 N. Rg. 8 W.

Chains

Survey commenced March 31, 1914, and executed by John E. Hesse, U.S. Surveyor, with an aneroid altimeter under instructions for Group 32, Arizona, with two courses using a Young and Son's light mountain transit reading to sine No. 8588, described in Book "A". Also the least count of the verniers of the latitude and declination arcs.

I examine the adjustments of the transit, and find them correct; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m., and p.m., hours, with a meridian determined by observations on Polaris, I proceed as follows:

At camp which is located near the cor. of Tps. 1 and 2 N. Rgs. 7 and 8 W.; latitude $33^{\circ} 27' 46''$ N., longitude $113^{\circ} 01' 57''$ W.; I set off $33^{\circ} 28'$ N. on the lat. arc; $4^{\circ} 09'$ N. on the decl. arc; and, at 5h. 00m. p.m., l.m.t., determine with the solar a meridian and mark a point thereof, on a stone firmly set in the ground, 5 chs. N. of my station.

At 6h. 51m. p.m. by my watch which has correct l.m.t., I observe Polaris at western elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of my station.

March 31, 1914.

1914:

April 1: At 6h. 30m. a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ} 23'$ to the east, and mark the meridian thus determined, by cutting a small groove in the stone set March 31, on which the meridian falls 0.4 ins. east of the mark determined by the solar.

At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 28'$ N. on the lat. arc; $4^{\circ} 24'$ N. on the decl. arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs. N. of my station; this mark falls 0.3 ins. east of the meridian established by the Polaris observation.

The solar apparatus, by p.m. and a.m. observations, defines positions for meridians, respectively about $0' 21''$ west and $0' 16''$ east of the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7h. 05m. a.m., is N. $14^{\circ} 30'$ W.; the angle thus determined gives the mag. decl. $14^{\circ} 30'$ E.

I commence at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp. recently established by Jesse B. Wright U.S. Surveyor, as described in Book "A".

Thence I run

N. $0^{\circ} 01'$ W. bet. secs. 35 and 36.
Over rolling land, through dense brush.

16.50 Cross wash 8 lks. wide course N. W.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S35 in W. S36 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

64.15 Cross road bears N. W. and S. E.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, marked on brass cap

T2NR8W in N. and

1914 in S. half;

S26 in N. W.

S25 in N. E.

S36 in S. E. and

S35 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Land, rolling and level.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

- Soil, 0. to 16.50 chs. rocky; 4th. rate; 16.50 to 30.00 chs. sandy mixed with rocks and gravel; 3rd. rate; 30.00 to 80.00 chs. rich sandy loam, dry, medium texture; 1st. rate. No timber.
Undergrowth, greasewood, mesquite, paloverde and ironwood.
-
- East on a random line bet. secs. 25 and 36.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect E. bdy. of Tp. 5 lks. N. of true point for cor. of secs. 25, 30, 31 & 36, recently established by Jesse B. Wright U.S. Surveyor, as described in Book "A."
Thence I run from true point for cor. N. $89^{\circ} 58'$ W. on a true line bet. secs. 25 and 36.
Ascend steep E. slope.
- 4.40 Ridge bears N. and S. descend.
- 15.25 Cross wash 10 lks. wide course N.W. and over level land, through dense brush.
- 40.05 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S25 in N. and S36 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 47.35 Cross road bears N. and S.
- 80.10 The cor. of secs. 25, 26, 35 and 36.
Land, level and mountainous.
Soil, 0 to 15.25 chs. rocks; 4th. rate; 15.25 to 54.00 chs. sand mixed with rocks and gravel; 3rd. rate; 54.00 to 80.10 chs. sandy loam, dry, medium texture; 1st. rate. No timber.
Undergrowth, greasewood and mesquite.
-
- N. $0^{\circ} 01'$ W. bet. secs. 25 and 26.
Over level land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S26 in W. S25 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 23, 24, 25 and 26, marked on brass cap
T2NR8W in N. and 1914 in S. half;
S23 in N. W.
S24 in N. E.
S25 in S. E. and S26 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate. No timber.
Undergrowth, greasewood and mesquite.
-
- S. $89^{\circ} 58'$ E. on a random line bet. secs. 24 and 25.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect E. bdy. of Tp. 7 lks. N. of the cor. of secs. 19, 24, 25 and 30, recently established by Jesse B. Wright, U.S. Surveyor, as described in Book "A."
Thence I run N. $89^{\circ} 55'$ W. on a true line bet. secs. 24 and 25.
Ascend steep E. slope.
- 7.60 Ridge bears N. and S. descend.

. Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

36.60 Cross road bears N. and S. and over level land, through dense brush.

40.06 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S24 in N. and S25 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

80.12 The cor. of secs. 23, 24, 25 and 26.
Land, level and mountainous.
Soil, 0 to 36.60 chs. rocks; 4th. rate: 36.60 to 80.12 chs., sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.

N. $0^{\circ} 01'$ W. bet. secs. 23 and 24.
Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S23 in W. S24 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, marked on brass cap
T2NR8W. in N. and
1914 in S. half;
S14 in N. W.
S13 in N. E.
S24 in S. E. and
S23 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.

S. $89^{\circ} 55'$ E. on a random line bet. secs. 13 and 24.

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

80.10 Intersect E. bdy. of Tp. at the cor. of secs. 13, 18, 19 and 24, recently established by Jesse B. Wright, U.S. Surveyor, as described in Book "A."
Thence I run
N. $89^{\circ} 55'$ W. on a true line bet. secs. 13 and 24.
Over level land, through dense brush.

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

40.05 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S13 in N. and S24 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

52.70 Cross road bears N. and S.

80.10 The cor. of secs. 13, 14, 23 and 24.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.

Note: April 1: At this cor. I set off $4^{\circ} 27\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 30\frac{1}{2}'$ N.

N. $0^{\circ} 01'$ W. bet. secs. 13 and 14.
Over level land, through dense brush.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

36.60 Cross wash 6 lks. wide course S. E.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S14 in W. S13 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 46.70 Cross wash 10 lks. wide course S. E.
 75.00 Cross road bears N. W. and S. E.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, marked on brass cap
 T2NR8W in N. and 1914 in S. half;
 S11 in N. W.
 S12 in N. E.
 S13 in S. E. and S14 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Land, level.
 Soil, sandy loam, dry, coarse texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, ironwood and paloverde..

S. $89^{\circ} 55'$ E. on a random line bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect E. bdy. of Tp. 2 lks. N. of the cor. of secs. 7, 12, 13 and 18, recently established by Jesse B. Wright, U.S. Surveyor, as described in Book "A."
 Thence I run
 N. $89^{\circ} 54'$ W. on a true line bet. secs. 12 and 13.
 Over level land, through dense brush.
 6.05 Cross wash 8 lks. wide course S. E.
 23.10 Cross wash 15 lks. wide course S. E.
 28.40 Cross wash 25 lks. wide course S. E.
 40.07 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S12 in N. and S13 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 80.14. The cor. of secs. 11, 12, 13 and 14.
 Land, level.
 Soil, sandy loam, dry, coarse texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, ironwood and paloverde.

N. $0^{\circ} 01'$ W. bet. secs. 11 and 12.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S11 in W. S12 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 43.40 Cross wash 6 lks. wide course S. E.
 55.60 Cross wash 6 lks. wide course S. E.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked on brass cap
 T2NR8W in N. and 1914 in S. half;
 S2 in N. W.
 S1 in N. E.
 S12 in S. E. and S11 in S. W. quadrant; from which
 An ironwood 36 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ E. 222 lks. dist., marked T2NR8WS1BT.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

No other bearings available. Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits. impracticable..
Land, level.
Soil, sandy and gravelly and mixed with rocks; 3rd. rate; except S. 4.00 chs. which is sandy loam, dry, coarse texture; 1st. rate.
No timber.
Undergrowth, greasewood, ironwood and paloverde..

S. $89^{\circ} 54'$ E. on a random line bet. secs. 1 and 12.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.12 Intersect E. bdy. of Tp. at the cor. of secs. 1, 6, 7 and 12, recently established by Jesse B. Wright, U.S. Surveyor. as described in Book "A." Thence I run,
N. $89^{\circ} 54'$ W. on a true line bet. secs. 1 and 12.
Over rolling land, through dense brush.
10.40 Cross wash 30 lks. wide course S.
40.06 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S1 in N. and S12 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
41.05 Cross wash 30 lks. wide course S.
77.00 Cross wash 25 lks. wide course S. E.
80.12 The cor. of secs. 1, 2, 11 and 12.
Land, rolling.
Soil, sandy and gravelly, mixed with rocks; 3rd. rate.
No timber.
Undergrowth, greasewood, paloverde and ironwood.

N. $0^{\circ} 01'$ W. on a random line bet. secs. 1 and 2.
40.00 Set temp. $\frac{1}{4}$ sec. cor..
79.88 Intersect N. bdy. of Tp. 7 lks. W. of the cor. of secs. 1, 2, 35 and 36, recently established by Jesse B. Wright, U. S. Surveyor, as described in Book "A."
Thence I run
S. $0^{\circ} 02'$ W. on a true line bet. secs. 1 and 2.
Over rolling land, through dense brush.
39.88 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S2 in W. S1 in E. and 1914 in S. half; from which
An ironwood 6 ins. diam., bears S. $24\frac{1}{2}^{\circ}$ E. 61 lks. dist., marked $\frac{1}{4}$ S1BT.
No other bearing available. Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
56.90 Cross wash 25 lks. wide course S. E.
65.60 Cross same wash course S. W.
72.80 Cross same wash course S. E..
77.00 Cross wash. 25 lks. wide course S. E.
79.88 The cor. of secs. 1, 2, 11 and 12.
Land, rolling.
Soil, sandy, gravelly, mixed with rocks; 3rd. rate.
No timber.
Undergrowth, greasewood, paloverde and ironwood.

April 1, 1914.

April 2¹⁹¹⁴ At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 28'$ N. on the lat. arc; $4^{\circ} 47'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp. recently established by Jesse B. Wright, U. S. Surveyor. as described in Book "A."

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

- Thence I run.
N. 0° 01' W. bet. secs. 34 and 35.
Over rolling land, through dense brush.
20.00 Cross wash 8 lks. wide course N. W.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S34 in W.
S35 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.
N. and S. of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
ground for cor. of secs. 26, 27, 34 and 35, marked on
brass cap
T2NR8W. in N. and
1914 in S. half;
S27 in N. W.
S26 in N. E.
S35 in S. E. and
S34 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in
each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
base 2 ft. high, W. of cor.
Land, nearly level.
Soil, sandy loam, dry, medium texture; 1st. rate; except
S. 15.00 chs. which is sandy, mixed with rocks and gravel,
3rd. rate.
No timber.
Undergrowth, greasewood and mesquite.
-
- East on a random line bet. secs. 26 and 35.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. and S. line 5 lks. S. of the cor. of secs.
25, 26, 35 and 36,
Thence I run
S. 89° 58' W. on a true line bet. secs. 26 and 35.
Over level land, through dense brush.
24.15 Cross road bears N. W. and S. E.
39.99 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S26 in N.
and S35 1914 in S. half; dig pits 18 x 18 x 12 ins. E.
and W. of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
79.98 The cor. of secs. 26, 27, 34 and 35.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.
-
- N. 0° 01' W. bet. secs. 26 and 27.
Over level land, through dense brush.
37.00 Cross road bears N. W. and S. E.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S27 in W.
S26 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.
N. and S. of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
ground for cor. of secs. 22, 23, 26 and 27, marked on
brass cap
T2NR8W in N. and
1914 in S. half;
S22 in N. W.
S23 in N. E.
S26 in S. E. and
S27 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in
each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
base 2 ft. high, W. of cor.
Land, level.

BOOK 2803

. Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood and mesquite.

40.00 N. 89° 58' E. on a random line bet. secs. 23 and 26.
 80.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 23, 24, 25 and 26.

Thence I run

40.00 S. 89° 57' W. on a true line bet. secs. 23 and 26.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S23 in N.
 and S26 1914 in S. half; dig pits 18 x 18 x 12 ins. E.
 and W. of post 3 ft. dist., and raise a mound of earth
 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, N. of cor.
 80.00 The cor. of secs. 22, 23, 26 and 27.

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood and mesquite.

Note: April 2: At this cor. I set off 4° 50 $\frac{1}{2}$ ' N. on the decl.
 arc; and observe the sun on the meridian at noon; the
 resulting lat. is 33° 29 $\frac{1}{2}$ ' N.

40.00 N. 0° 01' W. bet. secs. 22 and 23.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S22 in W.
 S23 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.
 N. and S. of post 3 ft. dist., and raise a mound of earth
 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, W. of cor.

73.85 Cross wash 20 lks. wide course S. W.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
 ground for cor. of secs. 14, 15, 22 and 23, marked on
 brass cap

T2NR8W in N. and

1914 in S. half;

S15 in N. W.

S14 in N. E.

S23 in S. E. and

S22 in S. W. quadrant; and raise a mound of stone 2 ft.
 base 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, level.

Soil, 0 to 20.00 chs. sandy loam, dry, medium texture; 1st
 rate: 20.00 to 80.00 chs. sandy loam, mixed with gravel
 and rocks; 2nd. rate.

No timber.

Undergrowth, greasewood and mesquite and paloverde.

40.00 N. 89° 57' E. on a random line bet. secs. 14 and 23.
 80.04 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line at the cor. of secs. 13, 14, 23
 and 24.

Thence I run

40.02 S. 89° 57' W. on a true line bet. secs. 14 and 23.
 Over level land, through dense brush.
 40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S14 in N.
 and S23 1914 in S. half; dig pits 18 x 18 x 12 ins. E.
 and W. of post 3 ft. dist., and raise a mound of earth
 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, N. of cor.
 75.00 Cross wash 10 lks. wide course S. W.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

80.04 The cor. of secs. 14, 15, 22 and 23.
Land, level.
Soil, E. 45.00 chs. sandy loam, dry, medium texture; 1st. rate: W. 35.04 chs. sandy loam, mixed with gravel and rocks; 2nd. rate.
No timber.
Undergrowth, greasewood, paloverde and mesquite.

N. 0° 01' W. bet. secs. 14 and 15.
Over level land, through dense brush.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S15 in W., S14 in E. and 1914 in S. half; from which
An ironwood 12 ins. diam., bears S. 75° E. 83 lks. dist., marked $\frac{1}{4}$ S14BT.
An ironwood 16 ins. diam., bears S. 5° W. 91 lks. dist., marked $\frac{1}{4}$ S15BT.

67.90 Cross wash 30 lks. wide course S. W.

70.00 Ascend over low ridge.

76.00 Ridge bears N. W. and S. E. descend.

80.00 Foot of ridge.

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked on brass cap

T2NR8W in N. and

1914 in S. half;

S10 in N. W.

S11 in N. E.

S14 in S. E. and

S15 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, level and mountainous.

Soil, sandy loam, mixed with rocks and gravel; 2nd. rate: except N. 10.00 chs. which is volcanic rock; 4th. rate.
No timber.

Undergrowth, greasewood, ironwood and paloverde.

N. 89° 57' E. on a random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

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

Thence I run

S. 89° 59' W. on a true line bet. secs. 11 and 14.

Over level land, through dense brush.

1.50 Cross road bears N. W. and S. E.

8.70 Cross wash 10 lks. wide course S.

36.50 Cross wash 10 lks. wide course S.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., marked on brass cap $\frac{1}{2}$ S11 in N. and S14 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

71.30 Cross wash 75 lks. wide course S. E.

76.80 Cross wash 8 lks. wide course S. E.

80.00 The cor. of secs. 10, 11, 14 and 15.

Land, level.

Soil, sandy loam, mixed with gravel and rocks; 2nd. rate.

No timber.

Undergrowth, greasewood, paloverde and ironwood.

April 2, 1914.

1914: April 6: At 7h. 00m. a.m., l.m.t., I set off 33° 31' N.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

- on the lat. arc; $6^{\circ} 18\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 10, 11, 14 and 15.
- Thence I run
- N. $0^{\circ} 01'$ W. bet. secs. 10 and 11.
Over rolling land, through dense brush.
- 4.50 Cross wash 15 lks. wide course S. E.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S10 in W. S11 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- 77.50 Ascend S. E. slope. leave brush.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap
- T2NR8W in N. and
1914 in S. half;
S3 in N. W.
S2 in N. E.
S11 in S. E. and
S10 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- Land, rolling and mountainous.
Soil, sandy, mixed with rocks; 3rd. rate; except N. 2.50 chs. which is volcanic rock; 4th. rate.
No timber.
Undergrowth, greasewood, ironwood and paloverde.
-
- N. $89^{\circ} 59'$ E. on a random line bet. secs. 2 and 11.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. and S. line 5 lks. S. of the cor. of secs. 1, 2, 11 and 12.
- Thence I run
- S. $89^{\circ} 57'$ W. on a true line bet. secs. 2 and 11.
Over rolling land, through dense brush:
- 13.30 Cross wash 10 lks. wide course S. E.
- 16.20 Cross road bears N. and S.
- 18.30 Cross wash 8 lks. wide course S. E.
- 40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S2 in N. and S11 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 46.00 Cross wash 8 lks. wide course S. E.
- 65.90 Cross wash 50 lks. wide course S. E.
- 73.00 Ascend steep S. E. slope. Leave brush.
- 80.04 The cor. of secs. 2, 3, 10 and 11.
Land, rolling and mountainous;
Soil; sandy, mixed with gravel and rocks; 3rd. rate; except W. 7.00 chs. which is volcanic rock; 4th. rate.
No timber.
Undergrowth; greasewood, paloverde and ironwood.
-
- N. $0^{\circ} 01'$ W. on a random line bet. secs. 2 and 3.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.91 Intersect N. ~~bdy.~~ of Tpe 7 lks. W. of the cor. of secs. 2, 3, 34 and 35, recently established by Jesse B. Wright, U.S. Surveyor. as described in Book "A."
- Thence I run
- S. $0^{\circ} 02'$ W. on a true line bet. secs. 2 and 3.
Over rolling land, through dense brush.
- 29.75 Cross wash 25 lks. wide course S. E. ascend steep N. E. slope. Leave brush.
- 39.91 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S3 in W. S2 in E. and 1914 in S. half; and raise a mound of stone

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 60.00 Descend steep S. E. slope.
 79.91 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling and mountainous.
 Soil, 0 to 29.75 chs. sandy mixed with rocks; 3rd. rate;
 29.75 to 79.91 chs. volcanic rock; 4th. rate.
 No timber.
 Undergrowth, greasewood, paloverde and ironwood.
 Note: April 6: At this cor. I set off $6^{\circ} 22'$ N. on the decl.
 arc; and observe the sun on the meridian at noon; the
 resulting lat. is $33^{\circ} 32'$ N.

April 6, 1914.

1914:

April 3: At 8h. 00m. a.m., l.m.t., I set off $33^{\circ} 28'$ N.
 on the lat. arc; $5^{\circ} 10'$ N. on the decl. arc; and determine
 a meridian with the solar at the cor. of secs. 3, 4, 33
 and 34 on the S. bdy. of the Tp., recently established by
 Jesse B. Wright, U.S. Surveyor as described in Book "A."
 Thence I run
 N. $0^{\circ} 02'$ W. bet. secs. 33 and 34.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S33 in W.
 S34 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.
 N. and S. of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
 ground for cor. of secs. 27, 28, 33 and 34, marked on
 brass cap
 T2NR8W in N. and
 1914 in S. half;
 S28 in N. W.
 S27 in N. E.
 S34 in S. E. and
 S33 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in
 each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
 base 2 ft. high, W. of cor.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood and mesquite.

East on a random line bet. secs. 27 and 34.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 26, 27, 34 and 35.

Thence I run

S. $89^{\circ} 59'$ W. on a true line bet. secs. 27 and 34.
 Over level land, through dense brush.
 40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S27 in N.
 and S34 1914 in S. half; dig pits 18 x 18 x 12 ins. E.
 and W. of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 80.02 The cor. of secs. 27, 28, 33 and 34.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood and mesquite.

N. $0^{\circ} 02'$ W. bet. secs. 27 and 28.
 Over level land, through dense brush.

Bour 2808

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.	
38.50	Ascend S. E. slope of low volcanic ridge. Leave brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S28 in W., S27 in E., and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
42.40	Top of low ridge bears N. E. about 4.00 chs. and S. W. about 20.00 chs. Descend N. W. slope
47.00	Over level land, through dense brush.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap T2NR8W in N. and 1914 in S. half; S21 in N. W. S22 in N. E.. S27 in S. E. and S28 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. Land, level and hilly. Soil, sandy loam, dry, medium texture; 1st. rate: except from 38.50. to 47.00 chs. which is volcanic rock; 4th. rate. No timber. Undergrowth, greasewood and mesquite.
	N. $89^{\circ} 59'$ E. on a random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line 3 lks. S. of the cor. of secs. 22, 23, 26 and 27. Thence I run S. $89^{\circ} 58'$ W. on a true line bet. secs. 22 and 27. Over level land, through dense brush.
39.99	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S22 in N. and S27 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
68.35	Cross road bears N. W. and S. E.
79.98	The cor. of secs. 21, 22, 27 and 28. Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood and mesquite.
Note:	April 3: At this cor. I set off $5^{\circ} 13\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 29\frac{1}{2}'$ N.
	N. $0^{\circ} 02'$ W. bet. secs. 21 and 22. Over level land, through dense brush.
7.70	Cross road bears N. W. and S. E.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S21 in W. S22 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
44.60	Cross wash 8 lks. wide course S. W.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked on brass cap T2NR8W in N. and 1914 in S. half; S16 in N. W. S15 in N. E. S22 in S. E., and S21 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in

Subdivision of Tp. 2 N. Rg. 8 W.

Chains

- each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. .
Land, level.
Soil, 0 to 44.60 chs. sandy loam, dry, medium texture; 1st. rate; 44.60 to 80.00 chs. sandy mixed with rocks and gravel; 3rd. rate.
No timber.
Undergrowth, greasewood and mesquite.
-
- N. $89^{\circ} 58'$ E. on a random line bet. secs. 15 and 22.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. and S. line 4 lks. S. of the cor. of secs. 14, 15, 22 and 23.
Thence I run
S. $89^{\circ} 56'$ W. on a true line bet. secs. 15 and 22.
Over rolling land, through dense brush.
14.65 Cross wash 15 lks. wide course S. W.
23.90 Cross wash 6 lks. wide course S. W.
40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S15 in N. and S22 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
46.00 Cross wash 8 lks. wide course S. W.
60.80 Top of low ridge bears N. E. and S. W.
80.02 The cor. of secs. 15, 16, 21 and 22.
Land, rolling.
Soil, sandy mixed with gravel and rocks; 3rd. rate.
No timber.
Undergrowth, greasewood and mesquite.
-
- N. $0^{\circ} 02'$ W. bet. secs. 15 and 16.
Over rolling land, through dense brush.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S16 in W. S15 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked on brass cap
T2NR8W in N. and
1914 in S. half;
S9 in N. W.
S10 in N. E.
S15 in S. E. and
S16 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor..
Land, level.
Soil, sandy mixed with gravel and rocks; 3rd. rate.
No timber.
Undergrowth, greasewood.
-
- N. $89^{\circ} 56'$ E. on a random line bet. secs. 10 and 15.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line at the cor. of secs. 10, 11, 14 and 15.
Thence I run
S. $89^{\circ} 56'$ W. on a true line bet. secs. 10 and 15.
Ascend steep N. E. slope of volcanic ridge.
8.50 Top of ridge bears N. W. and S. E. descend.
20.00 Over rolling land, through dense brush.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S10 in N. and S15 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth. $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
80.00 The cor. of secs. 9, 10, 15 and 16.
Land, rolling and hilly.
Soil, sandy mixed with rocks and gravel; 3rd. rate; except from 0 to 20 chs. which is volcanic rock; 4th. rate.
No timber.
Undergrowth, greasewood

April 3, 1914.

April 6: 1914:

N. $0^{\circ} 02'$ W. bet. secs. 9 and 10.
Over rolling land, through dense brush.
27.75 Cross wash 8 lks. wide course S. W.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S9 in W. S10 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
56.30 Cross wash 15 lks. wide course S. W. ascend, and brush becomes scattering.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked on brass cap
T2NR8W in N. and
1914 in S. half;
S4 in N. W.
S3 in N. E.
S10 in S. E. and
S9 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
Land, rolling and mountainous.
Soil, rocky; 4th. rate.
No timber.
Undergrowth, greasewood and paloverde.

N. $89^{\circ} 56'$ E. on a random line bet. secs. 3 and 10.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect N. and S. line 7 lks. N. of the cor. of secs. 2, 3, 10 and 11.
Thence I run
S. $89^{\circ} 59'$ W. on a true line bet. secs. 3 and 10.
Ascend along S. E. slope, through scattering brush.
17.50 Along S. slope of mountain.
37.70 Cross wash 20 lks. wide course S.
40.03 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S3 in N. and S10 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
55.75 Cross wash 15 lks. wide course S. W.
80.06 The cor. of secs. 3, 4, 9 and 10.
Land, mountainous.
Soil, rocky; 4th. rate.
No timber.
Undergrowth, greasewood and paloverde.

April 6, 1914.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

April 8: 1914:
 N. 0° 02' W. on a random line bet. secs. 3 and 4.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. bdy. of Tp. 21 lks. W. of the cor. of secs. 3, 4, 33 and 34, recently established by Jesse B. Wright, U. S. Surveyor..as described in Book "A." .
 Thence I run
 S. 0° 07' W. on a true line bet. secs. 3 and 4.
 Ascend steep rocky N. E. slope of high mountain, through scattering brush.
 26.75 To top of ridge 1200 ft. high, bears N. W. and S. E. descend.
 40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S4 in W. S3 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 80.02 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, rocky; 4th. rate.
 No timber.
 Undergrowth, greasewood and paloverde.

April 8, 1914..

1914:
 April 7: At 8h. 00m. a.m., l.m.t., I set off 33° 28' N. on the lat. arc; 6° 41' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. recently established by Jesse B. Wright, U. S. Surveyor..as described in Book "A." .
 Thence I run
 N. 0° 02' W. bet. secs. 32 and 33.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S32 in W. S33 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked on brass cap
 T2NR8W in N. and
 1914 in S. half;
 S29 in N. W.
 S28 in N. E.
 S33 in S. E. and
 S32 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Land, level.
 Soil, rich sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood and mesquite.

East on a random line bet. secs. 28 and 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.,
 80.02 Intersect N. and S. line at the cor. of secs. 27, 28, 33 and 34.
 Thence I run
 West on a true line bet. secs. 28 and 33.
 Over level land, through dense brush.
 40.01. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S28 in N. and S33 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 80.02 The cor. of secs. 28, 29, 32 and 33.
 Land, level.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

Soil, rich sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.

- N. 0° 02' W. bet. secs. 28 and 29.
Over level land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S29 in W. S28 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, marked on brass cap
T2NR8W in N. and 1914 in S. half;
S20 in N. W.
S21 in N. E.
S28 in S. E. and S29 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, level.
Soil, rich sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.

- East on a random line bet. secs. 21 and 28.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. and S. line 4 lks. N. of the cor. of secs. 21, 22, 27 and 28.

- Thence I run
N. 89° 58' W. on a true line bet. secs. 21 and 28.
Over level land, through dense brush.
- 40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S21 in N. and S28 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 80.04 The cor. of secs. 20, 21, 28 and 29.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.
- Note: April 7: At this cor. I set off $6^{\circ} 44\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 29\frac{1}{2}'$ N.

- N. 0° 02' W. bet. secs. 20 and 21.
Over level land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S20 in W. S21 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 58.80 Cross road bears N. W. and S. E.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, marked on brass cap
T2NR8W in N. and 1914 in S. half;
S17 in N. W.
S16 in N. E.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

S21 in S. E. and
 S20 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in
 each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
 base 2 ft. high, W. of cor.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood and mesquite.

40.00 S. $89^{\circ} 58'$ E. on a random line bet. secs. 16 and 21.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. and S. line 5 lks. N. of the cor. of secs.
 15, 16, 21 and 22.

Thence I run
 N. $89^{\circ} 56'$ W. on a true line bet. secs. 16 and 21.
 Over level land, through dense brush.
 39.99 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{2}$ sec. cor., marked on brass cap $\frac{1}{4}$ S16 in N.
 and S21 1914 in S. half; dig pits 18 x 18 x 12 ins. E.
 and W. of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 79.98 The cor. of secs. 16, 17, 20 and 21.
 Land, level.
 Soil, Sandy mixed with rocks and gravel; 3rd. rate: except
 W. 10.00 chs. which is sandy loam, dry, medium texture;
 1st. rate.
 No timber.
 Undergrowth, greasewood and mesquite.

N. $0^{\circ} 02'$ W. bet. secs. 16 and 17.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S17 in W.
 S16 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.
 N. and S. of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
 ground for cor. of secs. 8, 9, 16 and 17, marked on brass
 cap

T2NR8W in N. and
 1914 in S. half;
 S8 in N. W.
 S9 in N. E.
 S16 in S. E. and
 S17 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in
 each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
 base 2 ft. high, W. of cor.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood and mesquite.

April 7, 1914.

1914:
 April 8: At 8h. 00m. a.m., l.m.t., I set off $33^{\circ} 31'$ N.
 on the lat. arc; $7^{\circ} 04'$ N. on the decl. arc; and determine
 a meridian with the solar at the cor. of secs. 8, 9, 16
 and 17.

Thence I run
 S. $89^{\circ} 56'$ E. on a random line bet. secs. 9 and 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line 5 lks. S. of the cor. of secs.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains

- 9, 10, 15 and 16.
Thence I run
N. 89° 58' W. on a true line bet. secs. 9 and 16.
Over level land, through dense brush.
- 40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S9 in N. and S16 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 80.02 The cor. of secs. 8, 9, 16 and 17.
Land, level.
Soil, W. half mile, sandy loam, dry, medium texture; 1st. rate. E. half mile, sandy, mixed with gravel and rocks; 3rd. rate.
No timber.
Undergrowth, greasewood, paloverde and ironwood.
-
- N. 0° 02' W. bet. secs. 8 and 9.
Over rolling land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S8 in W. S9 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, marked on brass cap
T2NR8W in N. and
1914 in S. half;
S5 in N. W.
S4 in N. E.
S9 in S. E. and
S8 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
Land, rolling.
Soil, 0 to 20.00 chs. sandy loam, dry, medium texture; 1st. rate. 20.00 to 52.00 chs. sandy mixed with rocks and gravel; 3rd. rate. 52.00 to 80.00 chs. rocky; 4th. rate.
No timber.
Undergrowth, greasewood, ironwood and paloverde.
-
- S. 89° 58' E. on a random line bet. secs. 4 and 9.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.08 Intersect N. and S. line 14 lks. N. of the cor. of secs. 3, 4, 9 and 10.
Thence I run
N. 89° 52' W. on a true line bet. secs. 4 and 9.
Along rough S. slope of mountain through scattering brush.
- 40.04 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S4 in N. and S9 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
- 80.08 Foot of mountain. The cor. of secs. 4, 5, 8 and 9.
Land, mountainous.
Soil, rocky; 4th. rate.
No timber.
Undergrowth, greasewood and paloverde.
- Note: April 8: At this cor. I set off 72° 07' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 32' N.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains. N. 0° 02' W. on a random line bet. secs. 4 and 5.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. bdy. of Tp. 32 lks. W. of the cor. of secs. 4, 5, 32 and 33 recently established by Jesse B. Wright, U. S. Surveyor, as described in Book "A."
 Thence I run
 S. 0° 12' W. on a true line bet. secs. 4 and 5.
 Ascend rough N. slope through scattering brush.
 40.10 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S5 in W. S4 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 43.50 Top of ridge 400 ft. high, descend .
 80.10 Foot of mountain. The cor. of secs. 4, 5, 8 and 9.
 Land, mountainous.
 Soil, rocky; 4th. rate.
 No timber.
 Undergrowth, greasewood and paloverde.

April 8, 1914.

1914:

April 9: At 8h. 00m. a.m., l.m.t., I set off 33° 28' N. on the lat. arc; 7° 26' N. on the decl. arc; and determine a meridian at the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. recently established by Jesse B. Wright, U. S. Surveyor, as described in Book "A."

Thence I run

N. 0° 03' W. bet. secs. 31 and 32.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S31 in W. S32 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 29, 30, 31 and 32, marked on brass cap
 T2NR8W in N. and
 1914 in S. half;
 S30 in N. W.
 S29 in N. E.
 S32 in S. E. and
 S31 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood and mesquite.

East on a random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line 2 lks. N. of the cor. of secs. 28, 29, 32 and 33,

Thence I run

N. 89° 59' W. on a true line bet. secs. 29 and 32.
 Over level land, through dense brush.
 40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S29 in N. and S32 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 80.02 The cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

No timber.
Undergrowth, greasewood and mesquite.

West on a random line bet. secs. 30 and 31.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.56 Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 25, 30, 31 and 36, recently established by Jesse B. Wright U. S. Surveyor, as described in Book "A."

Thence I run
S. $89^{\circ} 58'$ E. on a true line bet. secs. 30 and 31.
Over level land, through dense brush.
39.56 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S30 in N. and S31 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
79.56 The cor. of secs. 29, 30, 31 and 32.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.

N. $0^{\circ} 03'$ W. bet. secs. 29 and 30.
Over level land, through dense brush.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S30 in W. S29 in E. and 1914 in S. half; from which
A mesquite 4 ins. diam., bears N. $8\frac{1}{4}^{\circ}$ E. 74 lks. dist., marked $\frac{1}{4}$ S29BT.
No other bearing available. Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, marked on brass cap
T2NR8W in N. and
1914 in S. half;
S19 in N. W.
S20 in N. E.
S29 in S. E. and
S30 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.

Note: April 9: At this cor. I set off $7^{\circ} 29\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 29\frac{1}{2}'$ N.

S. $89^{\circ} 59'$ E. on a random line bet. secs. 20 and 29.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. and S. line 5 lks. S. of the cor. of secs. 20, 21, 28 and 29.
Thence I run
S. $89^{\circ} 59'$ W. on a true line bet. secs. 20 and 29.
Over level land, through dense brush.
39.99 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S20 in N. and S29 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains

- 79.98 The cor. of secs. 19, 20, 29 and 30.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.
-
- 40.00 N. 89° 58' W. on a random line bet. secs. 19 and 30.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.46 Intersect W. bdy. of Tp. 7 lks. N. of the cor. of secs. 19, 24, 25 and 30, recently established by Jesse B. Wright U. S. Surveyor, as described in Book "A."
Thence I run
N. 89° 59' E. on a true line bet. secs. 19 and 30.
Over level land, through dense brush.
- 39.46 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S19 in N. and S30 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 79.46 The cor. of secs. 19, 20, 29 and 30.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.
-
- 40.00 N. 0° 03' W. bet. secs. 19 and 20.
Over level land, through dense brush.
Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S19 in W. S20 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 17, 18, 19 and 20, marked on brass cap
T2NR8W in N. and
1914 in S. half;
S18 in N. W.
S17 in N. E.
S20 in S. E. and
S19 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.
- April 9, 1914.
-
- 1914:
April 10: At 8h. 00m. a.m., l.m.t., I set off $33^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $7^{\circ} 48\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.
Thence I run
N. 89° 59' E. on a random line bet. secs. 17 and 20.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. and S. line 2 lks. S. of the cor. of secs. 16, 17, 20. and 21.
Thence I run
S. 89° 58' W. on a true line bet. secs. 17 and 20.
Over level land, through dense brush.
- 32.30 Cross road bears N. W. and S. E.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains

40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S17 in N. and S20 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

80.04 The cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood and mesquite.

S. $89^{\circ} 59'$ W. on a random line bet. secs. 18 and 19.

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

79.38 Intersect W. bdy. of T. p. 2 lks. S. of the cor. of secs. 13, 18, 19 and 24, recently established by Jesse B. Wright U. S. Surveyor. as described in Book "A."

Thence I run

East on a true line bet. secs. 18 and 19.

Over level land, through dense brush.

39.38 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S18 in N. and S19 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

79.38 The cor. of secs. 17, 18, 19 and 20.

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood and mesquite.

N. $0^{\circ} 03'$ W. bet. secs. 17, and 18.

Over level land, through dense brush.

20.00 Land, becomes rolling.

30.42 Cross road bears N. W. and S. E.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S18 in W. S17 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 7, 8, 17 and 18, marked on brass cap

T2NR8W in N. and

1914 in S. half;

S7 in N. W.

S8 in N. E.

S17 in S. E. and

S18 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Land, level and rolling.

Soil, S. 20.00 chs. sandy loam, dry, medium texture; 1st. rate: N. 60.00 chs. sandy mixed with rocks and gravel;

2nd. rate.

No timber.

Undergrowth, greasewood and paloverde.

N. $89^{\circ} 58'$ E. on a random line bet. secs. 8 and 17.

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

80.02 Intersect N. and S. line 4 lks. S. of the cor. of secs. 8, 9, 16 and 17,

Thence I run

S. $89^{\circ} 56'$ W. on a true line bet. secs. 8 and 17.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

- Over rolling land, through dense brush.
- 40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S8 in N. and S17 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 80.02 The cor. of secs. 7, 8, 17 and 18.
Land, rolling.
Soil, 0 to 45.00 chs. sandy loam, dry, medium texture; 1st. rate: 45.00 to 80.02 chs. sandy mixed with rocks and gravel; 2nd. rate.
No timber.
Undergrowth, greasewood and paloverde.
- Note: April 10: At this cor. I set off $7^{\circ} 52'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 31'$ N.
-
- West on a random line bet. secs. 7 and 18.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.20 Intersect W. bdy. of Tp. 2 lks. S. of the true point for cor. of secs. 7, 12, 13 and 18, recently established by Jesse B. Wright, U. S. Surveyor, as described in Book "A." Thence I run, from true point for cor. S. $89^{\circ} 59'$ E. on a true line bet. secs. 7 and 18.
- Over rolling, land, through dense brush.
- 39.20 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S7 in N. and S18 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 46.00 Cross wash 8 lks. wide course S. E.
- 59.50 Cross wash 8 lks. wide course S.
- 79.20 The cor. of secs. 7, 8, 17 and 18.
Land, rolling.
Soil, sand, mixed with gravel and rocks; 3rd. rate.
No timber.
Undergrowth, greasewood, paloverde and ironwood.
-
- N. $0^{\circ} 03'$ W. bet. secs. 7 and 8.
- Over rolling land, through dense brush.
- 34.75 Ascend steep rocky S. slope, brush becomes scattering.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S7 in W. S8 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- 53.00 Top^{of} ridge, 150 ft. high bears E. and W. descend.
- 60.50 Cross wash, 10 lks. wide course W. and over rolling land, through dense brush.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, marked on brass cap
T2NR8W in N. and
1914 in S. half;
S6 in N. W.
S5 in N. E.
S8 in S. E. and
S7 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
Land, rolling and mountainous.
Soil, sand mixed with gravel and rocks; 3rd. rate: except from 34.75 to 60.50 chs. which is volcanic rock; 4th. rate
No timber.
Undergrowth, greasewood, ironwood and paloverde.

April 10, 1914.

BOOK 2803

Subdivision of Tp. 2 N. Rg. 8 W.

Chains

May 4: 1914

I commence at the cor. of secs. 5, 6, 7 and 8

Thence I run

N. 89° 56' E. on a random line bet. secs. 5 and 8.

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

80.08 Intersect N. and S. line 19 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence I run

N. 89° 56' W. on a true line bet. secs. 5 and 8.

38.00 Ascend rough S. E. slope through scattering brush.

40.04 Top of ridge 300 ft. high, descend.

40.04 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S5 in N. and S8 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

56.00 Over nearly level land, through dense brush.

80.08 The cor. of secs. 5, 6, 7 and 8.

Land, level and mountainous.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, paloverde and ironwood.

N. 89° 59' W. on a random line bet. secs. 6 and 7.

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

79.09 Intersect W. bdy. of Tp. 18 lks. N. of the cor. of secs. 1, 6, 7 and 12 recently established by Jesse B. Wright, U. S. Surveyor, as described in book "A". Thence I run, N. 89° 53' E., on a true line, bet. secs. 6 and 7

Over nearly level land, through dense brush.

0.20 Cross wash, 30 lks. wide, course S.W. dense brush.

31.10 Cross wash 12 lks. wide course S. W.

39.09 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S6 in N. and S7 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

68.90 Cross wash 10 lks. wide course S. W.

79.09 The cor. of secs. 5, 6, 7 and 8.

Land, level.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, paloverde and ironwood.

N. 0° 03' W. on a random line bet. secs. 5 and 6.

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

79.95 Intersect N. bdy. of Tp. 21 lks. W. of the cor. of secs. 5, 6, 31 and 32 recently established by Jesse B. Wright, U. S. Surveyor, as described in Book "A."

Thence I run

S. 0° 06' W. on a true line bet. secs. 5 and 6

Over rolling land, through dense brush.

6.45 Cross wash 40 lks. wide course S. W.

39.95 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S6 in W. S5 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

53.25 Cross wash 25 lks. wide course S. W.

58.90 Cross wash 15 lks. wide course S. W.

68.00 Cross wash 10 lks. wide course S. W.

79.95 The cor. of secs. 5, 6, 7 and 8.

Land, level.

Soil, sand mixed with rocks and gravel; 3rd. rate.

No timber.

Undergrowth, greasewood, paloverde and ironwood.

May 4, 1914.

Subdivision of Tp. 2 N. Rg. 8 W.

Chains.

GENERAL DESCRIPTION.

This township is level except in the extreme north and southeast portions. The soil is generally a sandy loam, dry, medium texture in the S. W. and sand mixed with rocks and gravel in the N. E. parts of the township.

There is no timber or water in the township and no settlers.

John P. Hesse
U. S. Surveyor.

100
BOOK 2803

FOR FINAL OATH OF UNITED STATES SURVEYOR.
See Book "E"

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed 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 U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz. Aug 27, 1915

The foregoing field notes of the survey of *the*
Subdivision lines of
Township 2 North - Range 8 West
of the Gila & Salt River Base & Meridian
in the State of Arizona.

executed by *John F. Hesse - U.S. Surveyor*
under his special instructions dated *October 21, 1913 for Group 32, 101*, 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
U. S. Surveyor General.
OF ARIZONA.

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.