

BOOK "J"

BOOK 2660

FIELD NOTES

OF THE SURVEY OF THE

Subdivision lines of Tp. 17 S. Rg. 26 E. and

Resurvey of East bdy. of Tp. 17 S., Rg. 26 E.

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 *May 22nd*, 1912, issued by the United States Surveyor General to govern surveys included in Group No. *18*, which were approved by the Commissioner of the General Land Office, *June 20th*, 1912, pursuant to authority contained in the Act of Congress dated *August 23rd 1912*

and resurvey
Survey *commenced* April 8, 1913.

and resurvey
Survey *completed* April 20, 1913.

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Resurvey of East Bdy. Tp. 17 S. Rg. 26 E.

Chains.

Resurvey commenced April 8, 1913 and executed with a W and L.E. Gurly transit, not numbered, with solar attachment. The horizontal limb is provided with one double vernier, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was approved by the Supervising Surveyor August 28, 1912.

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 my camp, which is situated near the corner of secs. 35 and 36, T17S, R26E., latitude $31^{\circ}53\frac{1}{2}'N$, longitude $109^{\circ}40'10''W$. I set off $31^{\circ}53\frac{1}{2}'N$ on the lat. arc; $7^{\circ}18\frac{1}{2}'N$ on the decl. arc and at 5h.00m., p.m., l.m.t., determine a meridian with the solar, and mark a point thereof, on a stone firmly set in the ground 5 chs. N of my station.

At 6h.17m., p.m., by my watch which has correct l.m.t., I observe Polaris at Western Elongation, in accordance with the Manual of Instruction, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of my station.

April 8, 1913.

April 9, 1913; At 6h.30m., a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ}22'$ to east, and mark the meridian thus determined, by cutting a small groove in the stone already set 5 chs. N of my station, on which the meridian falls 0.4 ins. E. of the mark determined by the solar.

At 7h.00m., a.m., l.m.t., I set off $31^{\circ}53\frac{1}{2}'N$ on the lat. arc; $7^{\circ}31\frac{1}{2}'N$ on the decl. arc; and mark a point in the meridian determined by the solar, by a cross on the stone already set 5 chs. N of my station; this mark falls 0.4 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 $0^{\circ}21''$ W. and E. of the meridian determined by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at 7h.30m a.m. l.m.t. is $N. 13^{\circ} 35' W$, the angle thus determined gives the magnetic declination $13^{\circ} 35' E$.

April 9, 1913; At 8h.00m. a.m., l.m.t., I set off $31^{\circ}53\frac{1}{2}'N$ on the lat. arc; $7^{\circ}31\frac{1}{2}'N$ on the decl. arc; and determine a meridian with the solar, at the cor. of Tps. 17 and 18 S, Rgs. 26 and 27 E., which is a stone marked and witnessed as described by the Surveyor General.

Thence I run,
North, bet. secs. 31 and 36, on random line
Over level land.

40.04 Fall 30 lks. W. of old $\frac{1}{4}$ sec. cor. which is a charred stake with marks nearly obliterated. There is no traces of pits or mound.

Thence I run, on random line,
North from old $\frac{1}{4}$ sec. cor.,

40.00 After carefull search I am unable to find any traces of old cor. of secs. 25, 30, 31 and 36.

North, on random line, bet. secs. 25 and 30
Over level land.

40.00 After carefull search I am unable to find any trace of old

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Chains.

$\frac{1}{4}$ sec. cor.
80.00 After carefull search I am unable to find any trace of old sec. cor. of secs. 19, 24, 25 and 30.

North, on random line, bet. secs. 19 and 24
Over level land.

40.00 After carefull search I am unable to find any trace of old $\frac{1}{4}$ sec. cor.

80.00 After carefull search I am unable to find any trace of old cor. of secs. 13, 18, 19 and 24.

North, on random line, bet. secs. 13 and 18
Over level land.

40.00 After carefull search I am unable to find any trace of old $\frac{1}{4}$ sec. cor.

80.00 After carefull search I am unable to find any trace of old cor. of secs. 7, 12, 13 and 18.

North, on random line, bet. secs. 7 and 12
Over level land.

40.00 After carefull search I am unable to find any trace of old $\frac{1}{4}$ sec. cor.

80.00 After carefull search I am unable to find any trace of old cor. of secs. 1, 6, 7 and 12.

North on random line, bet. secs. 1 and 6
Over level land.

40.00 After carefull search I am unable to find any trace of old $\frac{1}{4}$ sec. cor.

80.66 Fall 26 lks. E. of old cor. of Tps. 16 and 17 S., Rgs. 26 and 27 E, I find traces of pits and mound of earth. I destroy all traces of old cor., and re-establish it in its original position as follows-
Set an iron post 3 ft. long, 3 ins. in diam, 24 ins. in the ground, for cor. of Tps. 16 and 17 S., Rgs. 26 and 27 E., marked on brass cap, 1913;

- T16S in N.,
- R27E in E.,
- T17S in S. and
- R26E in W. half;
- S36 in NW.,
- S31 in NE.,
- S 6 in SE. and
- S 1 in SW. quadrant:

Dig pits 24 x 24 x 12 ins., on each line, N., E. and W., 4 ft., and S. of cor., 8 ft. dist.; and raise a mound of earth 5 ft. base, 2 $\frac{1}{2}$ ft. high, S. of cor.

April 9, 1913.

April 11, 1913. At 7h.30m. a.m., l.m.t., I set off 31° 59' N on the lat. arc; 8° 16' N on the decl. arc; and determine a meridian with the solar at the cor. of Tps. 16 and 17 S., Rgs. 26 and 27 E, above described.

Thence I run S. 0° 2' E., on a true line, bet secs. 1 and 6.
Over level land.

40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ 1S1 in re-established

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Chains.

W. and S6 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

80.12 Set an iron post 3 ft. long, 3 ins. in diam, 24 ins. in the ground, for ^{re-estab.} cor. of secs. 1, 6, 7 and 12, marked on brass cap, 1913;

T17S in N. half;

R26ES1 in NW,

R27ES6 in NE,

S 7 in SE. and

S12 in SW. quadrant.

Dig pits 18 x 18 x 12 ins., in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, rich sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

S. 0°2'E, bet secs. 7 and 12, on true line

Over level land.

40.06 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for ^{re-estab.} sec. cor., marked on brass cap ^{1913;} S12 in W. and S7 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

48.95 Cross road bears NW and SE.

80.12 Set an iron post 3 ft. long, 3 ins. in diam, 24 ins. in the ground, for ^{re-estab.} cor. of secs. 7, 12, 13 and 18, marked on brass cap, 1913;

T17S in N. half;

R26ES12 in NW,

R27ES 7 in NE,

S18 in SE. and

S13 in SW. quadrant.

Dig pits 18 x 18 x 12 ins., in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, rich sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

S. 0°2'E, bet. secs. 13 and 18, on true line

Over level land.

40.06 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for ^{re-estab.} sec. cor., marked on brass cap ^{1913;} S13 in W. and S18 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

80.12 Set an iron post 3 ft. long, 3 ins. in diam, 24 ins. in the ground, for ^{re-estab.} cor. of secs. 13, 18, 19 and 24, marked on brass cap, 1913;

T17S in N. half;

R26ES13 in NW,

R27ES18 in NE,

S19 in SE. and

S24 in SW. quadrant.

Dig pits 18 x 18 x 12 ins., in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, rich sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

Resurvey of East bdy. of T17S R26E

Chains.

- S. 0°2'E, bet. secs. 19 and 24, on true line
Over level land.
- 2.10 Wire fence bears E. and W.
- 40.06 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for ^{re-estab.} $\frac{1}{4}$ sec. cor., marked on brass cap ^{1913;} $\frac{1}{4}$ S24 in W. and S19 in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 79.85 Wire fence bears N. 10°W. and S. 10°E.
- 80.12 Set an iron post 3 ft. long, 3 ins. in diam, 24 ins. in the ground, for ^{re-estab.} cor. of secs. 19, 24, 25 and 30, marked on brass cap, 1913;
T17S in N. half;
R26ES24 in NW,
R27ES19 in NE.,
S30 in SE. and
S35 in SW. 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 medium texture over 2 ft, deep 1st rate.

No timber.

Note: ~~April 11, 1913~~ At this cor. I set off 8°19'N. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 31°55 $\frac{1}{2}$ 'N.

- S. 0°2'E, bet. secs. 25 and 30, on true line
Over level land.
- 1.50 Follow road bears E and S.
- 40.06 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for ^{re-estab.} $\frac{1}{4}$ sec. cor., marked on brass cap ^{1913;} $\frac{1}{4}$ S25 in W. and S30 in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 80.12 Set an iron post 3 ft. long, 3 ins. in diam, 24 ins. in the ground, for ^{re-estab.} cor. of secs. 25, 30, 31 and 36, marked on brass cap, 1913;
T17S in N. half;
R26ES25 in NW,
R27ES30 in NE.,
S31 in SE. and
S36 in SW. 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.

Note: From this cor. the S.E. cor. of house of V. S. Yoder bears N. 60°W., 573 chs. dist.

Land, level.

Soil, rich sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

- S. 0°2'E bet secs. 31 and 36, on true line
Over level land.
- .50 Enter lane bears N. and S.
- 1.05 Cross road bears E. and W.
- 1.65 Cross road bears NE. and SW.
- 40.06 Old cor. point. I destroy all traces of old cor. and re-establish it in its original position as follows-
Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ^{1913;} $\frac{1}{4}$ S36 in W. and S31 in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

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Resurvey of East bdy. of T17S, R.26E.

Chains.

Thence from ^{above described} $\frac{1}{4}$ sec. cor., I run
 S. 0° 26' W., bet. secs. 31 and 36, on true line
 Over level land.
 40.04 The cor. of Tps. 17 and 18 S., Rgs. 26 and 27 E.
 Land, level.
 Soil, rich dry sandy loam medium texture over 2 ft. deep
 1st rate.
 No timber.

April 11, 1913.

Subdivision of T17S R26E.

Chains.

Survey commenced April 11, 1913 and executed with a W and L.E. Gurly transit, not numbered, with solar attachment. The horizontal limb is provided with one double vernier, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs. The instrument was approved by the Supervising Surveyor August 28, 1912.

April 11, 1913. From the cor. of secs. 1, 2, 35 and 36 on S bdy. of Tp., which is an iron post, marked ^{on brass cap} and witnessed as described by the Surveyor General, I run

North, bet secs. 35 and 36.

Over level land in a road bears N. and S.

0.15 Cross road bears E and W.

40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ^{1913;} S35 in W. and S 36 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

78.15 Cross road bears E. and W. Leave road which bears N. and S.

78.45 Wire fence bears E. and W. Enter cultivated land.

80.00 Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap, 1913;

T17SR26E in N. half;

S26 in NW,

S25 in NE,

S36 in SE. and

S35 in SW. quadrant.

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

House of C. Boot bears S $82\frac{1}{2}^{\circ}$ W, 2.15 chs. dist.

Land, level.

Soil, rich dry sandy loam medium texture over 2 ft, deer 1st rate.

No timber.

S. $89^{\circ}51'E$, on a random line, bet secs. 25 and 36.

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

80.34 Intersect E. bdy. of Tp., 14 lks. $S80^{\circ}2'E$ of cor. of secs. 25, 30, 31 and 36, estab. by me this day as hereinbefore

Thence I run ^{described}

N. $82^{\circ}57'W$, on a true line, bet. secs. 25 and 36.

Over level land.

0.50 Cross wire fence bears N and S.

36.70 Enter cultivated land.

40.17 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ^{1913;} S25 in N and S36 in S. half.

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, W. of cor.

40.20 Cross wire fence bears N and S. Leave cultivated land.

52.50 Enter cultivated land.

80.34 The cor. of secs. 25, 26, 35 and 36, hereinbefore described.

Land, level.

Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

Note: ~~At 5h.00m p.m., 1.m.t., I set off $31^{\circ}53'$ N on the lat. arc; $8^{\circ}25'N$ on the declination arc and determine a meridian with the solar at the S end of the meridian in my camp, previously established by Polaris observations; and mark a point in the meridian determined by the solar apparatus, by a cross on the stone already set 5 chs. N of my station; this mark falls 0.4 ins. W of the meridian established by the Polaris observation.~~

April 11, 1913.

Subdivision of T17S R26E.

Chains.

April 12, 1913. At 7h.00m a.m., l.m.t., I set off $31^{\circ}53\frac{1}{2}'N$ on the lat. arc; $89^{\circ}38'N$ on the decl. arc; and determine a meridian with the solar at the S. end of the meridian in my camp, and mark a point in the meridian determined by the solar apparatus, by a cross on the stone already set 5 chs. N. of my station; this mark falls 0.4 ins. E. of the meridian established by Polaris observation. The solar apparatus, by p.m., and a.m., observations, defines positions of meridians, respectively about $0'.31''$ W. and E. of the meridian established by observation of Polaris; therefore, I conclude that the adjustments of the instrument are satisfactory.

April 12, 1913.

April 12, 1913. At 8h.00m a.m., l.m.t., I set off $31^{\circ}54\frac{1}{2}'N$ on the lat. arc; $89^{\circ}38'N$ on the decl. arc; and determine a meridian at the cor. of secs. 25, 26, 35 and 36, hereinbefore described, thence I run, North, bet secs. 25 and 26.

Over level land.

38.40 Cross wire fence bears E and W. Leave cultivated land.
40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1913 ; $\frac{1}{4}$ S26 in W. and S25 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 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. in diam, 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap, 1913;

T17SR26E in N. half;
S23 in NW,
S24 in NE,
S25 in SE. and
S26 in SW. 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 dry sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

S. $89^{\circ}57'E$, on a random line, bet secs. 24 and 25.

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

80:28 Intersect E. bdy. of Tp., 16 lks. S. $0^{\circ}2'E$ of cor. of secs. 19, 24, 25 and 30 1° estab. by me yesterday as hereinbefore described Thence I run

S. $89^{\circ}56'W$, on a true line, bet. secs. 24 and 25.

Over level land.

40.14 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1913 ; $\frac{1}{4}$ S24 in N. and S25 in S. half.

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.

80.38 The cor. of secs. 23, 24, 25 and 26, hereinbefore described Land, level.

Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

Subdivision of T17S R26E.

Chains.

- North, bet. secs. 33 and 34.
Over level land.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³, $\frac{1}{4}$ S23 in W. and S24 in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap, 1913;
T17SR26E in N. half;
S14 in NW,
S13 in NE,
S24 in SE and
S23 in SW 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, 3 ft. high, W of cor.
- Land, level.
Soil, rich dry sandy loam medium texture over 2 ft. deep
No timber.
-
- N. $89^{\circ}56'E$, on a random line, bet secs. 13 and 24.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 30.16 Intersect E. bdy. of Tp. 16 lks. $SO^{\circ}2'E$ of cor. of secs. 13, 18, 19 and 24^{re} estab, by me yesterday as hereinbefore described, thence I run,
S. $89^{\circ}49'W$, on a true line, bet secs. 13 and 24.
Over level land.
- 40.08 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³, $\frac{1}{4}$ S13 in N and S24 in S half.
Dig pits 13 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.
- 30.16 The cor. of secs. 13, 14, 23 and 24, hereinbefore described
Land, level.
Soil, rich dry sandy loam medium texture over 2 ft. deep
1st rate.
No timber.
-
- North, bet. secs. 13 and 14.
Over level land.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³, $\frac{1}{4}$ S14 in W. and S13 in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 70.40 Cross dim road bears NW. and SE.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap, 1913;
T17SR26E in N. half;
S11 in NW,
S12 in NE,
S13 in SE. and
S14 in SW. 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, 3 ft. high, W. of cor.

Land, level.

Soil, dry rich sandy loam medium texture over 2 ft. deep
1st rate.

No timber.

Note: At this cor. I set off $8^{\circ}41'N$ on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ}57'N$.

Subdivision of T17S R26E.

- Chains.
- N. 89°49'E, on a random line, bet. secs. 12 and 13.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect E. bdy. of Tp., 16 lks. S. 0°2'E. of cor. of secs. 7, 12, 13 and 18^{1/2} estab. by me yesterday as hereinbefore described
Thence I run
S. 89°42'W, on a true line, bet secs. 12 and 13.
Over level land.
- 40.01 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S12 in N. and S13 in S. half.
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.
- 80.02 The cor. of secs. 11, 12, 13 and 14, hereinbefore described
Land, level.
Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate.
No timber.
-
- North, bet secs. 11 and 12.
Over level land.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S11 in W and S12 in E half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 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. in diam, 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap¹⁹¹³;
T17SR26E in N. half;
S2 in NW,
S1 in NE,
S12 in SE. and
S11 in SW. 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 dry sandy loam medium texture over 2 ft. deep 1st rate.
No timber.
-
- N 89°42'E on a random line bet secs. 1 and 12.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.88 Intersect E bdy. of Tp. 2 lks. S. 0°2'E. of cor. of secs. 1, 6, 7 and 12^{1/2} estab. by me yesterday as hereinbefore described
Thence I run
S. 89°41'W, on a true line, bet secs. 1 and 12.
Over level land.
- 26.18 Cross road bears NW and SE.
- 39.94 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S1 in N. and S12 in S. half.
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.
- 79.88 The cor. of secs. 1, 2, 11 and 12, hereinbefore described
Land, level.
Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate.
No timber.
-
- North, on a random line, bet secs. 1 and 2.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.49 Intersect N. bdy. of Tp., 23 lks. N. 89°59'E. of cor. of secs. 1, 2,

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Subdivision of T17S R26E.

Chains.

35 and 36, recently estab. by me as described in Book "K"
Thence I run
S 0°10'E, on a true line, bet secs. 1 and 2.
Over level land.

40.49 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S2 in W.
and S1 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft.
dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base,
 $1\frac{1}{2}$ ft. high, W. of cor.

80.49 The cor. of secs. 1, 2, 11 and 12, hereinbefore described
Land, level.
Soil, rich dry sandy loam medium texture over 2 ft. deep
1st rate.
No timber.

April 12, 1913.

April 14, 1913. At 7h.00m a.m., l.m.t., I set off $31^{\circ}53\frac{1}{2}'$
N on the lat arc; $9^{\circ}21'N$. 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 Tp., which is an iron post, marked
on brass cap¹⁹¹³ and witnessed as described by the Surveyor General¹⁹¹³ I run
N 0°01'W bet secs. 34 and 35.

Over level land.

0.20 Cross road bears E. and W.

0.50 Cross wire fence bears E. and W.

40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S34
in W. and S35 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft.
dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$
ft. high, W. of cor.

44.49 Cross wire fence bears E. and W.

79.70 Cross road bears E. and W.

80.00 Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in
the ground, for cor. of secs., 26, 27, 34 and 35, marked
on brass cap, 1913;

T17SR26E in N. half;

S27 in NW,

S26 in NE,

S35 in SE. and

S34 in SW. 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.

House of C.D. Bush bears S $78^{\circ}25'W$, 4.50 chs. dist.

Land, level.

Soil, dry rich sandy loam medium texture over 2 ft. deep
1st rate.

No timber.

S $89^{\circ}51'E$, on a random line, bet secs. 26 and 35.

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

80.14 Intersect N. and S. line 7 lks. N. of cor. of secs. 25, 26,
35 and 36, hereinbefore described
Thence I run

N. $89^{\circ}48'W$, on a true line, bet. secs. 26 and 35.

Over level land.

40.07 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S26 in N.
and S35 in S. half.

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.

40.69 Cross wire fence, bears N. and S.

80.14 The cor. of secs. 26, 27, 34 and 35, hereinbefore described

BOOK 2660

Subdivision of T17S R26E.

Chains.	
	<p>Land, level. Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber.</p> <p style="text-align: center;">-----</p>
	<p>N. 0° 01' W., bet. secs. 26 and 27. Over level land.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³; $\frac{1}{4}$ S27 in W. and S26 in E. half. Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W of cor.</p>
76.80	<p>Cross road bears NE. and SW.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for. cor. of secs., 22, 23, 26 and 27, marked on brass cap, 1913; T17SR26E in N. half; S22 in NW, S23 in NE, S26 in SE. and S27 in SW. 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.</p>
	<p>Land, level. Soil, dry rich sandy loam medium texture over 2 ft, deep 1st rate. No timber.</p> <p style="text-align: center;">-----</p>
	<p>S. 39° 48' E., on a random line, bet. secs. 23 and 26.</p>
40.00	<p>Set temp. $\frac{1}{4}$ sec. cor.</p>
80.18	<p>Intersect the N. and S. line, 2 lks. N. of cor. of secs. 23, 24, 25 and 26, hereinbefore described Thence I run N. 89° 47' W., on a true line, bet secs. 23 and 26.</p>
	<p>Over level land.</p>
40.09	<p>Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³; $\frac{1}{4}$ S23 in N. and S26 in S. half; 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.</p>
78.70	<p>Cross road bears NE. and SW.</p>
80.18	<p>The cor. of secs. 22, 23, 26 and 27, hereinbefore described Land, level. Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber.</p> <p style="text-align: center;">-----</p>
	<p>N 0° 01' W bet secs. 22 and 23. Over level land.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³; $\frac{1}{4}$ S22 in W. and S23 in E. half. Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap, 1913; T17SR26E in N. half; S15 in NW, S14 in NE, S23 in SE. and S22 in SW. quadrant.</p>

Subdivision of T17S R26E

Chains.	
	<p>Dig pits 18 x 18 x 12 ins., in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, level. Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate. No timber.</p> <p>Note: At this cor. I set off 9°34½'N. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 31°56½'N.</p> <p>-----</p>
	<p>S. 89°47'E, on a random line, bet secs. 14 and 23.</p>
40.00	Set temp. ¼ sec. cor.
80.26	Intersect N. and S. line at the cor. of secs. 13, 14, 23 and 24. hereinbefore described
	Thence I run
	N. 89°47'W, on a true line, bet. secs. 14 and 23.
	Over level land.
40.13	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for ¼ sec. cor., marked on brass cap ¹⁹¹³ ; S14 in N. and S23 in S. half.
	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.
51.40	Cross road, bears NE. and SW.
80.26	The cor. of secs. 14, 15, 23 and 23, hereinbefore described
	Land, level. Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate. No timber.

	N. 0°01'W, bet secs. 14 and 15.
	Over level land.
14.50	Enter scattering mesquite brush.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for ¼ sec. cor., marked on brass cap ¹⁹¹³ ; S15 in W. and S14 in E. half.
	Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
	Leave brush.
80.00	Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap ¹⁹¹³ ;
	T17SR26E in N. half;
	S10 in NW,
	S11 in NE,
	S14 in SE. and
	S15 in SW. quadrant.
	Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	Land, level. Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber. Undergrowth, mesquite.

	S. 89°47'E, on a random line, bet. secs. 11 and 14.
40.00	Set temp. ¼ sec. cor.
80.34	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 11, 12, 13 and 14, hereinbefore described
	Thence I run
	N. 89°46'W, on a true line, bet. secs. 11 and 14.
	Over level land.
19.80	Cross road bears NW. and SE.

Subdivision of T17S R26E.

Chains.
 40.17 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S11 in N. and S14 in S. half.
 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.
 50.40 Cross road, bears NE. and SW.
 80.34 The cor. of secs. 10, 11, 14 and 15, hereinbefore described Land, level.
 Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate.
 No timber.

April, 14, 1913.

 April 17, 1913. At 7h.00m a.m., l.m.t., I set off $31^{\circ}57'N$. on lat. arc; $10^{\circ}25\frac{1}{2}'N$. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 10, 11, 14 and 15, hereinbefore described

Thence I run
 N. $0^{\circ}01'W$, bet secs. 10 and 11.
 Over level land.
 29.55 Cross road, bears NW. and SE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S10 in the W. and S11 in E. half.
 Dig pits 18 x 18 x 12 ins., N. and S. of cor. 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. in diam, 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap, 1913;
 T17SR26E in N. half;
 S 3 in NW,
 S 2 in NE,
 S11 in SE. and
 S10 in SW. 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 dry sandy loam medium texture over 2 ft. deep 1st rate.
 No timber.

 S. $89^{\circ}46'E$, on a random line, bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.40 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 1, 2, 11 and 12., hereinbefore described
 Thence I run
 N. $89^{\circ}49'W$, on a true line, bet. secs. 2 and 11.
 Over level land.
 40.20 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S2 in N. and S11 in S. half.
 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.
 48.60 Cross road bears N. and S.
 80.40 The cor. of secs. 2, 3, 10 and 11., hereinbefore described Land, level.
 Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate.
 No timber.

 N. $0^{\circ}01'W$, on a random line, bet. secs. 2 and 3.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T17S R26E.

Chains.	
80.20	Intersect N. bdy of Tp., 16 lks $89^{\circ}59'W$ of cor. of secs. 2, 3, 34 and 35, recently estab. by me as described in Book "K" Thence I run S. $0^{\circ}08'W$, on a true line, bet secs. 2 and 3. Over level land.
40.20	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1913 ; $\frac{1}{4}$ S3 in W. and S2 in E. half. Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
80.20	The cor. of secs. 2, 3, 10 and 11, hereinbefore described Land, level. Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate. No timber.
	April 17, 1913.

	April 15, 1913, At 7h.00m a.m., l.m.t., I set off $31^{\circ}53\frac{1}{2}'$ N. on the lat. arc; $9^{\circ}43'N$. 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 Tp. which is an iron post, marked on brass cap and witnessed as described by the Surveyor General $\frac{1}{4}$ run, N. $0^{\circ}01'W$, bet. secs. 33 and 34. Over rolling land. Descend N slope of hill.
33.30	Cross road bears NW. and SE. Foot of hill.
39.05	Cross road bears NE. and SW. Leave rolling land, enter level land.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1913 ; $\frac{1}{4}$ S33 in W. and S34 in E. half. Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
49.11	Cross wire fence, bears NW. and SE.
78.30	Cross wire fence, bears NW. and SE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap, 1913; T17SR26E in N. half; S28 in NW, S27 in NE, S34 in SE. and S33 in SW. 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, rocky sandy loam and rich dry sandy loam medium texture over 2 ft. deep 2nd and 1st rate. No timber. West well windmill bears S. $21^{\circ}05'E$.

40.00	S. $89^{\circ}51'E$, on a random line, bet. secs. 27 and 34. Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. and S. line 11 lks. S. of cor. of secs. 26, 27, 34 and 35, hereinbefore described Thence I run, N. $89^{\circ}56'W$, on a true line, bet. secs. 27 and 34. Over level land.
24.70	Cross road bears NE. and SW.
40.04	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1913 ; $\frac{1}{4}$ S27 in N. and S34 in S. half. 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.
80.08	The cor. of secs. 27, 28, 33 and 34, hereinbefore described Land, level. Soil, dry sandy loam medium texture over 2 ft. deep 1st rate.

Subdivision of T17S R26E.

Chains

No timber.

N. 0°01'W., bet. secs. 27 and 28.

Over level land.

40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap⁹¹³; S28 in W. and S27 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 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. in diam, 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap, 913;

T17SR26E in N. half;

S21 in NW,

S22 in NE,

S27 in SE. and

S28 in SW. 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, dry rich sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

S. 89°56'E., on a random line, bet. secs. 22 and 27.

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

80.02 Intersect N. and S. line, 7 lks. S. of cor. of secs. 22, 23, 26 and 27, hereinbefore described

Thence I run,

N. 89°59'W., on a true line, bet. secs. 22 and 27.

Over level land.

40.01 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap⁹¹³; S22 in N. and S27 in S. half.

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.

80.02 The cor. of secs. 21, 22, 27 and 28, hereinbefore described

Land, level.

Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

Note: At this cor. I set off 9°46'N on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 31°55 $\frac{1}{2}$ 'N.

N. 0°01'W., bet. secs. 21 and 22.

Over level land.

40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap⁹¹³; S21 in W. and S22 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 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. in diam, 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap, 913;

T17SR26E in N. half;

S16 in NW,

S15 in NE,

S22 in SE. and

S21 in SW. quadrant.

Dig pits 18 x 18 x 12 ins., in each sec. $5\frac{1}{2}$ ft. dist.;

Subdivision of T17S R26E.

Chains.

- and raise a mound of earth 4 ft. base, 2 ft. high,
W. of cor.
Land, level.
Soil, dry rich sandy loam medium texture over 2 ft. deep
1st rate.
No timber.
-
- S. 83°59'E, on a random line, bet secs. 15 and 22.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect N. and S. line, 2 lks. N. of cor. of secs. 14, 15,
22 and 23, hereinbefore described
Thence I run
N. 89°58'W, on a true line, bet. secs. 15 and 22.
Over level land.
39.96 Set an iron post 3ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{\wedge}$ S15 in N.
and S22 in S. half.
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.
79.92 The cor. of secs. 15, 16, 21 and 22, hereinbefore described
Land, level.
Soil, dry rich sandy loam medium texture over 2 ft. deep
1st rate.
No timber.
-
- N. 0°01'W, bet. secs. 15 and 16.
Over level land, through scattered brush.
40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{\wedge}$ S16 in W.
and S15 in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft.
dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base,
1 $\frac{1}{2}$ ft. high, W. of cor.
65.50 Leave brush.
80.00 Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in
the ground, for cor. of secs. 9, 10, 15 and 16, marked on
brass cap, $\frac{1913}{\wedge}$
T17SR26E in N. half;
S 9 in NW,
S10 in NE,
S15 in SE. and
S16 in SW. 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 dry sandy loam medium texture over 2 ft. deep
1st rate.
No timber.
Undergrowth, mesquite.
-
- S. 89°58'E, on a random line, bet secs. 10 and 15.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.88 Intersect N. and S. line, 5 lks. S. of cor. of secs. 10, 11, 14
and 15, hereinbefore described
Thence I run,
West, on a true line, bet. secs. 10 and 15.
Over level land.
39.94 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{\wedge}$ S10 in N.
and S15 in S. half.
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.

BOOK 2660

Subdivision of T17S R26E.

- Chains.
79.88 The cor. of secs. 9, 10, 15 and 16, hereinbefore described Land, level.
Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate.
No timber.
- April 15, 1913.
-
- April 17, 1913.
N. 0° 01' W., bet. secs. 9 and 10.
Over level land.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S9 in W. and S10 in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 68.55 Cross road, bears NW. and SE.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap, ¹⁹¹³;
T17SR26E in N. half;
S 4 in NW,
S 3 in NE,
S10 in SE. and
S 9 in SW. 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 dry sandy loam medium texture over 2 ft. deep 1st rate.
No timber.
-
- 40.00 East, on a random line, bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.84 Intersect N. and S. line, 9 lks. N. of cor. of secs. 2, 3, 10 and 11., hereinbefore described
Thence I run,
N. 89° 56' W., on a true line, bet. secs. 3 and 10.
Over level land.
- 39.92 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S3 in N. and S10 in S. half.
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.
- 79.84 The cor. of secs. 3, 4, 9 and 10., hereinbefore described Land, level.
Soil, rich dry sandy loam medium texture over 2 ft. deep 1st rate.
No timber.
- Note: April 28, 1913. At this cor. I set off 10° 28 $\frac{1}{2}$ ' N on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 31° 58' N.
-
- 40.00 N. 0° 01' W., on a random line, bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.01 Intersect N. bdy. of Tp., 7 lks. S 89° 59' W. of cor. of secs. 3, 4, 33 and 34, recently estab. by me as described in Book "K"
Thence I run
S. 0° 02' W., on a true line, bet. secs. 3 and 4.
Over level land.
- 40.01 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S4 in W. and S3 in E. half.

Subdivision of T17S R26E.

Chains.

- Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 80.01 The cor. of secs. 3, 4, 9 and 10, hereinbefore described Land, level.
Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate.
No timber.

April 17, 1913.

- April 16, 1913, At 7h.00m a.m., l.m.t., I set off $31^{\circ}53\frac{1}{2}'N$. on the lat. arc; $10^{\circ}04'N$. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 ^{on the South side of the TP} which is an iron post, marked ^{on brass cap} and witnessed as described by the Surveyor General. Thence I run, $N. 0^{\circ}02'W$, bet. secs. 32 and 33.
Over rolling land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³; $S32$ in W. and $S33$ in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 44.28 Cross road, bears E. and W. Leave brush.
78.75 Cross road, bears NW. and SE.
79.05 Cross wire fence, bears NW. and SE.
80.00 Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap, ¹⁹¹³;
T17SR26E in N. half;
S29 in NW,
S28 in NE,
S33 in SE. and
S32 in SW. 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.
Soil, rocky and dry rich sandy loam medium texture over 2 ft. deep 4th and 1st rate.
No timber.
Undergrowth, chaparral, greasewood.

- S. $89^{\circ}51'E$, on a random line, bet. secs. 28 and 33.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.70 Intersect N. and S. line, 5 lks. N. of cor. of secs. 27, 28, 33 and 34, hereinbefore described
Thence I run,
N. $89^{\circ}49'W$, on a true line, bet. secs. 28 and 33.
Over level land.
- 2.80 Cross wire fence, bears NW. and SE.
27.90 Cross drain, 6 lks. wide, course SE.
28.54 West well windmill, bears S. $43^{\circ}30'E$.
39.85 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³; $S28$ in N. and $S33$ in S. half.
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.
- 55.85 Cross wire fence, bears N. and S.
56.90 Cross road, bears NE. and SW.
59.85 Cross wire fence, bears NE. and SW.
79.70 The cor. of secs. 28, 29, 32 and 33, hereinbefore described Land, level.
Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate.
No timber.

BOOK 2660

Subdivision of T17S R26E.

Chains.	N. 0°02'W., bet. secs. 28 and 29. Over level land.
3.60	Cross drain, 6 lks. wide, course SE.
19.60	Cross drain, 10 lks. wide, course E.
24.10	Cross wire fence, bears NW. and SE. Leave level land and ascend mountainous country through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ⁹¹³ S28 in W. and S28 in E. half. Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
62.60	Leave brush.
68.70	Ridge, bears NW. and SE. Descend E. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap, 913; T17SR26E in N. half; S20 in NW, S21 in NE, S28 in SE. and S29 in SW. quadrant. Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, level and mountainous. Soil, dry sandy loam medium texture over 2 ft. deep and rocky 1st and 4th rate. No timber. Undergrowth, mesquite, greasewood.
40.00	S. 89°49'E., on a random line, bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect N. and S. line, 2 lks. S. of cor. of secs. 21, 22, 27 and 28, hereinbefore described Thence I run, N. 89°50'W., on a true line, bet. secs. 21 and 28. Over level land.
39.90	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ⁹¹³ S21 in N. and S28 in S. half. 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.
79.80	Leave level land and ascend mountains. The cor. of secs. 20, 21, 28 and 29, hereinbefore described Land, level and mountainous. Soil, dry rich sandy loam medium texture over 2 ft. deep and rocky 1st and 4th rate. No timber.
Note:	At this cor. I set off 10°07 $\frac{1}{2}$ 'N. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 31°55 $\frac{1}{2}$ 'N.
2.90	N. 0°02'W., bet. secs. 20 and 21. Descend along E. slope of ridge Cross drain, 5 lks. wide, course NE.
12.90	Cross drain, 5 lks. wide, course E.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ⁹¹³ S20 in W. and S21 in E. half. Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
59.40	Cross wash, 10 lks. wide, course SE. Ascend.
72.50	Ridge, bears NW. and SE. Descend.
80.00	Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap, 913; T17SR26E in N. half; S17 in NW, S16 in NE,

BOOK 2660

Subdivision of T17S R36E

Chains.

- S21 in SE. and
S20 in SW. quadrant.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor. Pits impracticable.
Land, mountainous.
Soil, rocky 4th rate.
No timber.
-
- S. $89^{\circ}50'E$, on a random line, bet. secs. 16 and 21.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.86 Intersect N. and S. line, 5 lks. S. of cor. of secs. 15, 16,
21 and 22, hereinbefore described,
Thence I run,
N. $89^{\circ}52'W$, on a true line, bet. secs. 16 and 21.
Over level land.
39.92 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S16 in N.
and S21 in S. half.
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.
Leave level land and enter mountainous land. Ascend.
66.30 Ridge, bears NW. and SE. Descend.
79.86 The cor. of secs. 16, 17, 20 and 21, hereinbefore described
Land, level and mountainous.
Soil, dry rich sandy loam medium texture over 2 ft. deep
and rocky 1st and 4th rate.
No timber.
-
- N. $0^{\circ}02'W$, bet. secs. 16 and 17.
Descend along broken west slope of hill, over mountainous
land.
25.35 Cross drain, 6 lks. wide, course NE. Ascend.
39.40 Cross drain, 6 lks. wide, course SE.
40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S17 in W.
and S16 in E. half.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor. Pits impracticable.
52.00 Ridge, bears E. and W. Descend.
69.00 Cross wash, 10 lks. wide, course E. Ascend.
80.00 Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in
the ground, for cor. of secs. 8, 9, 16, and 17, marked on
brass cap, 1913;
T17SR36E in N. half;
S 8 in NW,
S 9 in NE,
S16 in SE. and
S17 in SW. quadrant.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor. Pits impracticable.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
-
- S. $89^{\circ}52'E$, on a random line, bet. secs. 9 and 16.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.84 Intersect N. and S. line, 9 lks. N. of cor. of secs. 9, 10, 15
and 16, hereinbefore described
Thence I run,
N. $89^{\circ}48'W$, on a true line, bet. secs. 9 and 16.
Over level land.
39.92 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap¹⁹¹³ S9 in N.
and S16 in S. half.
Dig pits 18 x 18 x 12 ins., E. and W. of cor. 3 ft.

BOOK 2660

Subdivision of T17S R26E.

Chains.	
	dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
60.00	Leave level land and ascend mountainous land.
79.84	The cor. of secs. 8, 9, 16 and 17, hereinbefore described Land, level and mountainous. Soil, dry rich sandy loam medium texture over 2 ft. deep and rocky 1st and 4th rate. No timber.
	April 16, 1913.

	April 17, 1913.
	N. $0^{\circ}02'$ W., bet. secs. 8 and 9. Ascend over mountainous land.
10.00	Ridge, bears NE. and SW. Descend.
28.80	Cross drain, 6 lks. wide, course NE.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S8 in W. and S9 in E. half. Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Ascend from cor.
61.10	Ridge, bears NW. and SE. Descend.
80.00	Set an iron post 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap, 1913; T17SR26E in N. half; S5 in NW, S4 in NE, S9 in SE. and S8 in SW. quadrant. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous and level. Soil, rocky 4th rate except bet 28.80 and 40.00 which is dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber.

	S. $89^{\circ}48'$ E, on a random line, bet. secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.82	Intersect N. and S. line, 12 lks. S. of cor. of secs. 3, 4, 9 and 10, hereinbefore described Thence I run, N. $89^{\circ}53'$ W., on a true line, bet. secs. 4 and 9. Over level land.
20.47	Cross road, bears NW. and SE.
39.91	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S4 in N. and S9 in S. half. 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.
62.50	Leave level land and ascend mountain.
72.50	Ridge, bears NW. and SE. Descend.
79.82	The cor. of secs. 4, 5, 8 and 9, hereinbefore described Land, level excepting last 17.50 chs. which is mountainous. Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate except last 17.50 ^{chs.} which is rocky 4th rate. No timber.
	April 17, 1913.

BOOK 2660

Subdivision of T17S R26E.

Chains.

April 20, 1913, At 7h.00m a.m., l.m.t., I set off $31^{\circ}58'$ N. on the lat. arc; $11^{\circ}28'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 8 and 9, hereinbefore described

Thence I run,

N. $0^{\circ}02'$ W., on a random line, bet secs. 4 and 5.

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

79.75 Intersect N. bdy. of Tp., 12 lks. N. $89^{\circ}59'$ E. of cor. of secs. 4, 5, 32 and 33, recently estab. by me as described in Book "K"

Thence I Run,

S. $0^{\circ}07'$ E., on a true line, bet. secs. 4 and 5.

Over level land.

39.75 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{1}$ S5 in W. and S4 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

38.55 Leave level land and ascend mountain.

79.75 The cor. of secs. 4, 5, 8 and 9, hereinbefore described

Land, level except last 21.20 which is mountainous.

Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate except last 21.20 chs. which is rocky 4th rate.

No timber.

April 20, 1913.

April 18, 1913, At 7h.00m a.m., l.m.t., I set off $31^{\circ}53\frac{1}{2}'$ N. on the lat. arc; $10^{\circ}46\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32 on S bdy. of Tp., which is an iron post marked and witness as described by the Surveyor General.

Thence I run,

N. $0^{\circ}03'$ W., bet. secs. 31 and 32.

Over level land through dense brush.

4.50 Leave brush.

32.30 Cross road, bears E. and W.

40.00 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{1}$ S31 in W. and S32 in E. half.

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 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. in diam, 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap, 1913;

T17SR26E in N. half;

S30 in NW,

S29 in NE,

S32 in SE. and

S31 in SW. 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, dry rich sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

Undergrowth, chaparral, greasewood.

S. $89^{\circ}51'$ E., on a random line, bet. secs. 29 and 32.

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

79.96 Intersect N. and S. line, 9 lks. S. of cor. of secs. 28, 29, 32 and 33, hereinbefore described

Thence I run,

N. $89^{\circ}55'$ W. on a true line, bet. secs. 29 and 32.

Over level land.

Subdivision of T17S R26E.

Chains.	
24.00	Cross wire fence, bears NW. and SE.
25.40	Cross road, bears NW. and SE..
39.98	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S29 in N. and S32 in S. half. 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.
79.96	The cor. of secs. 29, 30, 31 and 32, hereinbefore described Land, level. Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber.

	N. $89^{\circ}51'W$, on a random line, bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.19	Intersect W. bdy. of Tp., 4 lks. N. $0^{\circ}12'E$ of cor. of secs. 25, 30, 31 and 36, which is a quartz stone 10 x 6 x 5 ins. above ground, marked and witnessed as described by the Surveyor General, Thence I run, S. $89^{\circ}53'E$, on a true line, bet. secs. 30 and 31. Over level land, through dense brush.
37.19	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S30 in N. and S31 in S. half. 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.
49.43	Cross road, bears NW. and SE. Leave brush.
77.19	The cor. of secs. 29, 30, 31 and 32, hereinbefore described Land, level. Soil, dry sandy loam medium texture over 2 ft. deep 1st rate. No timber. Undergrowth, chaparral.

	N. $0^{\circ}02'W$, bet. secs. 29 and 30. Over level land.
21.95	Cross road, bears NW. and SE.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S30 in W. and S29 in E. half. Dig pits 18 x 18 x 12 ins., N. and S. of cor. 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. in dia., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap, 1913; T17SR26E in N. half; S19 in NW, S20 in NE, S29 in SE. and S30 in SW. 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, dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber.
Note:	At this cor. I set off $10^{\circ}49\frac{1}{2}'N$ on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ}55\frac{1}{2}'N$.

	S. $89^{\circ}55'E$, on a random line, bet. secs. 20 and 29.

Subdivision of T17S R26E.

Chains.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line, 9 lks. N. of cor. of secs. 20, 21, 28, and 29, hereinbefore described, Thence I run, N. 89°51'W, on a true line, bet. secs. 20 and 29. Over mountainous land. Ascend,
8.80	Ridge, bears NW. and SE. Descend through dense brush.
35.00	Leave mountainous land and enter level land.
39.96	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ $\frac{1}{4}$ S20 in N. and S29 in S. half. 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.
64.50	Leave brush.
73.92	The cor. of secs. 19, 20, 29 and 30., hereinbefore described Land, mountainous 1st 35 chs. The remainder is level. Soil, rocky 4th rate for 1st 35 chs. The remainder is dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber. Undergrowth, mesquite, chaparral, ocatilla.

	N. 89°53'W, on a random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.91	Intersect W. bdy. of Tp., 29 lks. S. 0°12'W. of the cor. of secs. 19, 24, 25 and 30, which is a redwood post 4 ins. sq., 12 ins. above ground, marked and witnessed as described by the Surveyor General, Thence I run, S. 89°40'E, on a true line, bet. secs. 19 and 30. Over level land.
6.15	Cross road, bears NE. and SW.
8.10	Enter brush.
36.91	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ $\frac{1}{4}$ S19 in N. and S30 in S. half. 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.
50.40	Leave brush.
76.91	The cor. of secs. 19, 20, 29 and 30, hereinbefore described Land, level. Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber. Undergrowth, mesquite.

	N. 0°02'W, bet. secs. 19 and 20.
	Over level land.
4.50	Enter brush.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ $\frac{1}{4}$ S19 in W. and S20 in E. half. Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
76.60	Cross wash, 5 lks. wide, course SW.
80.00	Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap ¹⁹¹³ ; T17SR26E in N. half; S18 in NW, S17 in NE, S20 in SE. and S19 in SW. 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,

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Subdivision of T17S R26E.

Chains.

W. of cor.

Land, level.

Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

Undergrowth, mesquite.

April 18, 1913.

April 19, 1913, At 7h.00m a.m., l.m.t., I set off $31^{\circ}56\frac{1}{2}'$ N. on the lat. arc; $11^{\circ}7\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20, above described.

Thence I run,

S. $89^{\circ}51'E$, on a random line, bet. secs. 17 and 20.40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect N. and S. line, 5 lks. N. of cor. of secs 16, 17, 20 and 21., hereinbefore described,

Thence I run,

N. $89^{\circ}49'W$, on a true line, bet. secs. 17 and 20.

Ascend over mountainous land.

5.50 Ridge, bears NW. and SE. Descend.

39.98 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{4}$ S17 in N. and S20 in S. half.

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.

44.05 Cross drain, 8 lks. wide, course SE. Ascend along NE. slope of ridge.

58.20 Ridge, bears NW. and SE. Descend.

74.80 Cross drain, 5 lks. wide, course SW. Enter brush.

79.96 The cor. of secs. 17, 18, 19 and 20., hereinbefore described

Land, mountainous.

Soil, rocky 4th rate.

No timber.

Undergrowth, mesquite.

N. $89^{\circ}40'W$, on a random line, bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.76.58 Intersect W. bdy. of Tp., 2 lks. S. $0^{\circ}12'W$ of the cor. of secs. 13, 18, 19 and 24, which is a redwood 4 ins. square, 12 ins. above ground, marked and witnessed as described by the Surveyor General,

Thence I run,

S. $89^{\circ}39'E$, on a true line, bet. secs. 18 and 19.

Over slightly rolling land, through dense brush.

36.58 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1913}{4}$ S18 in N. and S19 in S. half.

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.

64.00 Cross drain, 10 lks. wide, course SW. Ascend gradually.

76.58 The cor. of secs. 17, 18, 19 and 20, hereinbefore described

Land, rolling.

Soil, dry sandy loam medium texture over 2 ft. deep 1st rate.

No timber.

Undergrowth, mesquite, scapweed.

N. $0^{\circ}02'W$, bet. secs. 17 and 18.

Over mountainous land through scattered brush.

7.50 Cross wash, 18 lks. wide, course SW. Leave brush. Ascend.

Subdivision of T17S R26E.

Chains.	
33.40	Ridge, bears NW. and SE. Descend.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S18 in W. and S17 in E. half. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
60.00	Ascend gradually.
80.00	Set an iron post 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap, 1913; T17SR26E in N. half; S 7 in NW, S 8 in NE, S17 in SE. and S18 in SW. quadrant. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky 4th rate, No timber. Undergrowth, mesquite.
Note:	At this cor. I set off $11^{\circ}10\frac{1}{2}'N$ on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ}57'N$.

	S. $89^{\circ}49'E$, on a random line, bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line, 2 lks. S. of cor. of secs. 8, 9, 16 and 17, hereinbefore described, Thence I run, N. $89^{\circ}50'W$. on a true line, bet. secs. 8 and 17. Ascend over mountainous land.
39.99	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S18 in N. and S17 in E. half. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
44.10	Ridge, bears ENE. and WSW. Descend.
79.98	The cor. of secs. 7, 8, 17 and 18, hereinbefore described Land, mountainous. Soil, rocky 4th rate. No timber.

	N. $89^{\circ}39'W$, on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.50	Intersect W. bdy. of Tp., 25 lks. N. $12^{\circ}E$ of cor. of secs. 7, 12, 13 and 18, which is a sand stone 8 x 6 x 4 ins. above ground, marked and witnessed as described by the Surveyor General, Thence I run, S. $89^{\circ}50'E$, on a true line, bet. secs. 7 and 18. Ascend mountainous land.
22.00	Ridge, bears NW. and SE. Descend through scattered timber.
36.50	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S17 in N. and S18 in S. half. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Ascend.
46.50	Leave timber.
52.70	Top of N. slope of peak. Descend.
76.50	The cor. of secs. 7, 8, 17 and 18., hereinbefore described Land, mountainous. Soil, rocky 4th rate. Timber, oak.

April 19, 1913.

Subdivision of T17S R26E.

Chains.	April 20, 1913, I run N. 0° 02' W., bet. secs. 7 and 8. Mountainous land. Ascend along W. slope of peak.
7.20	Top of W. slope of peak. Descend.
19.30	Cross drain, 7 lks. wide, course NW. Ascend.
40.00	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S7 in W. and S8 in E. half. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
41.30	Ridge, bears E. and W. Descend.
62.65	Cross drain, 10 lks. wide course NE. Ascend.
76.50	Ridge, bears NE. and SW. Descend.
80.00	Set an iron post 3 ft. long, 3 ins. in diam, 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap, 1913; T17SR26E in N. half; S6 in NW, S5 in NE, S8 in SE. and S7 in SW. quadrant. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky 4th rate. No timber.

40.00	S. 89° 50' E., on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line, 7 lks. S. of cor. of secs. 4, 5, 8 and 9, hereinbefore described, Thence I run, N. 89° 53' W., on a true line, bet. secs. 5 and 8. Mountainous land. Ascend.
3.40	Ridge, bears N. and S. Descend.
6.80	Leave mountainous land and enter level land.
30.00	Leave level land and ascend low ridge.
35.20	Low ridge, bears N. and S. Descend.
39.97	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S5 in N. and S8 in S. half. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
63.40	Leave mountains and enter level flat.
70.50	Cross drain, 8 lks. wide, course NE.
79.94	Leave level land and ascend mountain. The cor. of secs. 5, 6, 7 and 8, hereinbefore described Land, from 0.00 to 6.80, 30.00 to 39.97 and 70.50 to 79.94 mountainous. The remainder level. Soil, from 00 to 6.80, 30.00 to 39.97 and 70.50 to 79.94 rocky 4th rate. The remainder dry rich sandy loam medium texture over 2 ft. deep 1st rate. No timber.
Note:	April 20, 1913. At this cor. I set off 11° 31' N. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 31° 58' N.

40.00	N. 89° 50' W., on a random line, bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor.
76.34	Intersect W. bdy. of Tp, 56 lks. N. 0° 12' E. of cor. of secs. 1, 6, 7 and 12, which is a granite stone 8 x 8 x 5 ins. above ground, marked and witnessed as described by the Surveyor General, Thence I run, N. 89° 45' E., on a true line, bet. secs. 6 and 7. Over rolling land.
29.40	Cross wash, 20 lks wide, course NE. Leave rolling land and ascend low ridge.

Subdivision of T17S R26E.

Chains.

- 36.34 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ $\frac{1}{4}$ S6 in N. and S7 in S. half.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
Ridge ^{brs} NE. and SW. Descend.
- 45.75 Cross drain, 6 lks. wide, course NE. Ascend.
- 62.70 Ridge, bears NE. and SW. Descend.
- 76.34 The cor. of secs. 5, 6, 7 and 8, hereinbefore described Land, 1st 29.40 chs. level, remainder mountainous.
Soil, 1st 29.40 chs. dry rich sandy loam medium texture over 2 ft. deep 1st rate, remainder rocky 4th rate.
No timber.

- N. $0^{\circ}02'W.$, on a random line, bet secs. 5 and 6.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.60 Intersect N. bdy. of Tp., 37 lks. $N89^{\circ}59'E$ of cor. of secs. 5, 6, 31 and 32, recently estab. by line as described in Book "K"
Thence I run,
 $S. 0^{\circ}18'E.$, on a true line, bet. secs. 5 and 6.
Over level land.
- 39.60 Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ $\frac{1}{4}$ S6 in W. and S5 in E. half.
Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 72.00 Leave level land and ascend mountainous.
- 79.60 The cor. of secs. 5, 6, 7 and 8, hereinbefore described Land, level excepting last 7.60 chs. which is mountainous.
Soil, dry rich sandy loam medium texture over 2 ft. deep 1st rate excepting last 7.60 chs. which is rocky 4th rate.
No timber.

April 20, 1913.

General Description.

The township is level with the exception of the west central portion, which contains a low range of hills. The drainage of the most of the township is to the north-east. The south-west portion drains to the south-west. There is no water in this township. The soil on the level portion of this township is fertile sandy loam and very productive where ever water has been applied.

There is a very small amount of oak timber in the mountainous portion of this township. There is also scattered patches of mesquite brush, chaparral and ocatilla.

There is one settler in section 35 and also one in section 34. The West Wells, a well known land mark is in section 34.

John P. Heese
U.S. Surveyor.

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BOOK 2660

FINAL OATH OF UNITED STATES SURVEYOR.

I, John F. Hesse, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona, for Group 18 bearing date of the 22nd day of May, 1912, 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 the subdivision^{lines} of Tp. 17 S., Rg. 26 E. and Resurveyed East bdy., of Tp. 17 S., Rg. 26 E.

of the Gila and Salt
River Base and Meridian, in the State of Arizona, 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 and resurvey have been established or re-established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. 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 and resurvey.

John F. Hesse
U. S. Surveyor.

Subscribed by said John F. Hesse, and sworn to before me }
this 23rd day of January, 1914



Frank A. Ingalls
Surveyor General of Arizona

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, July 21, 1914

The foregoing field notes of the survey of the Subdivision lines
and Resurvey of the East boundary of

Township No 17 South, Range No 26 East of the
Gila and Salt River Meridian, Arizona

executed by John F. Hesse, U.S. Surveyor
under his special instructions dated May 22nd, 1912, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys and resurveys they describe, are hereby approved.

Frank A. 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.