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Book "P"
-Subdivisions-
BOOK 2850
FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION OF TOWNSHIP 8 NORTH RANGE 13 WEST.

*Subdivision lines of
Township 8 North, Range 13 West*

Of the Gila & Salt River Base & Meridian,

In the State of ARIZONA

EXECUTED BY

W. H. THORN, U. S. Surveyor.

and

W. K. KIERULFF, U. S. Transitman.

~~In the capacity of U. S. Surveyor~~, under instructions dated February 17, 1914,
issued by the United States Surveyor General to govern surveys included in
Group No. 34, which were approved by the Commissioner of the General Land
Office, February 20, 1914, pursuant to authority contained in the Act of
Congress dated _____, 1914.

Survey commenced June 24, 1914.

Survey completed June 30, 1914.

BOOK 2850

Book "P"

INDEX DIAGRAM.

Township 8 North Range 13 West.

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- Notes in book "A"
- Notes in book "B"
- Notes in book "C"
- Notes in book "N"
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- Notes in book "Q"
- Accepted surveys.
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Subdivisions of Township 8 North, Range 13 West. 1B

Chains.

Survey of the Subdivision lines in this township commenced June 24, 1914, and executed by W. K. Kierulff, U.S. Transitman, using a Young and Sons' light mountain transit No. 8492, and W. H. Thorn, U.S. Surveyor, using a Young and Sons' light mountain transit No. 8592, both of which instruments are described in Book "A." of field notes of this group of surveys.

The initials "W.K.K." and "W.H.T." are inserted in the following notes at the beginning and ending of those portions of the notes describing the surveys executed by W.K. Kierulff, U.S. Transitman and W.H. Thorn, U.S. Surveyor, respectively.

W.H.T.

The instrument was tested on a true meridian in sec. 21 of Township 8 North, Range 14 West, by a.m. and p.m. observations, as described in Book "N" and proved to be satisfactory.

June 24, 1914;

At the cor. of secs. 1, 2, 35 and 36 on south bdy. of Tp., established by me, as described in Book "A." Lat. $33^{\circ} 59' 06''$ N.; long. $113^{\circ} 34' 47''$ W.

At 8h. 30m. a.m., l.m.t., I set off $23^{\circ} 26\frac{1}{2}'$ N. on the decl. arc; $33^{\circ} 59'$ N. on the lat. arc; and determine a meridian with the solar.

Thence I run,

N. $0^{\circ} 01'$ W. bet. secs. 35 and 36.

Over rolling and mountainous land.

10.25 Ravine, 40 lks. wide, 6 ft. deep, course west.

Ascend steep rocky south slope.

18.14 Top of ridge, brs. N. 80° W. and S. 70° E.

Descend steep N. slope.

29.00 Foot of slope.

29.80 Road brs. 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., with brass cap, marked, $\frac{1}{4}$ S 35 in W., and S 36 in E. half; 1914 in S. rim;

pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, W. of cor.

51.00 Ravine, 150 lks. wide, 12 ft. deep, course N. 40° W.

65.00 Dry wash, 40 lks. wide, 4 ft. banks, course N. 60° W.

74.00 Dry wash, 60 lks. wide, 2 ft. banks, course west.

77.60 Dry wash, 30 lks. wide, 3 ft. banks, course N. 80° W.

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, with brass cap, marked,

T 8 N R 13 W in N. half;

S 26 in NW.,

S 25 in NE.,

S 36 in SE., and

S 35 in SW. quadrants;

1914 in S. rim; from which,

A palo verde, 12 ins. in diam., brs. N. 85° E., 110 lks. dist., marked T 8 N R 13 W S 25 B T.

A palo verde, 8 ins. in diam., brs. N. $88^{\circ} 30'$ W., 97 lks. dist., marked T 8 N R 13 W S 26 B T.

No other trees available. Pits impracticable. Build a mound of stone 4 ft. base, 3 ft. high, W. of cor.

Land, rolling and mountainous.

Soil, gravelly and rocky, 4th rate.

Timber, palo verde and catclaw.

Undergrowth, greasewood brush, ocotillo and giant cactus.

East, on a random line, bet. secs. 25 and 36.

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

80.04 Intersect E. bdy. 7 lks. N. of the cor. of secs. 25, 30, 31 and 36, established by me, as described in Book "A."

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Chains.

- Thence I run,
N.89° 57' W. on a true line, bet. secs.25 and 36.
Over rolling land.
Ascend over steep rocky NE. slope.
- 17.05 Top of ridge, 370 ft.high, brs.N.40°W. and S.40° E.
Descend steep rocky broken SW.slope.
- 33.00 Foot of descent.
- 40.02 Set an iron post 3 ft.long, 1 in. in diam., in a mound
of stone 4 ft.base, 2½ ft. high for ¼ sec.cor., with
brass cap, marked,
¼ S 25 in N., and
S 36 in S.half;
1914 in S.rim;
pits impracticable. Not sufficient stone to build an-
other mound.
- 59.75 Ravine, 100 lks.wide, 12 ft.banks, course N.40°W.
- 80.04 Cor.of secs.25,26,35 and 36.
Land, west half rolling. East half, mountainous.
Soil, rocky, 4th rate.
Timber, palo verde and catclaw.
Undergrowth, greasewood brush,ocotillo and giant cactus.

- N.0°01'W., bet. secs.25 and 26.
Over rolling land.
- 13.20 Dry wash, 100 lks.wide.3 ft.banks, course N.70° W.
- 18.90 Dry wash, 15 lks.wide, 3 ft.banks, course N.80° W.
- 40.00 Set an iron post 3 ft.long, 1 in. in dia., 26 ins. in
the ground for ¼ sec.cor., with brass cap, marked,
¼ S 26 in W., and
S 25 in E.half;
1914 in S.rim;
dig pits 18x18x12 ins.,N.and S.of cor., 3 ft. dist.,
and raise a mound of earth 3½ ft.base, 1½ ft. high,W.
of cor.
- 46.90 Old road, brs.E.and W.
- 49.10 Dry wash, 40 lks.wide, 4 ft.banks, course N.60°W.
- 56.00 Dry wash, 40 lks.wide, 4 ft.banks, course N.80°W.
- 80.00 Set an iron post 3 ft.long, 2 ina. in diam., 24 ins. in
the ground for cor.of secs. 23,24,25 and 26, with
brass cap, marked,
T 8 N R 13 W in N.half;
S 23 in NW.,
S 24 in NE.,
S 25 in SE., and
S 26 in SW.quadrants;
1914 in S.rim;
dig pits 18x18x12 ins., in each sec.5½ ft. dist.,and
raise a mound of earth 4 ft.base, 2 ft.high, W.of
cor.
Land, rolling.
Soil, gravelly, 4th rate.
Timber, palo verde and catsclaw.
Undergrowth, greasewood brush,ocotillo and giant cactus.

- East, on a random line, bet. secs.24 and 25.
- 40.00 Set temp.¼ sec.cor.
- 80.00 Intersect E.bdy. of Tp., 7 lks.N.of the cor.of secs.19,
24, 25 and 30, established by me, as described in Book
"A."
- Thence I run,
N.89° 57' W.on a true line, bet. secs. 24 and 25.
Over gradual NW. slope.
- 24.80 Dry wash, 20 lks.wide, 4 ft.banks, course S.85°W.
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground for ¼ sec.cor., with brass cap, marked,

Subdivision of Township 8 North Range 13 West. 3.

Chains.

$\frac{1}{4}$ S 24 in N., and
 $\frac{1}{4}$ S 25 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
 49.50 Wash, 20 lks. wide, 4 ft. banks, course N. 70° W.
 53.50 Dry wash, 150 lks. wide, 3 ft. banks, course N. 60° W.
 80.00 Cor. of secs. 23, 24, 25 and 26.
 Land, level.
 Soil, gravelly and rocky, 4th rate.
 Undergrowth, greasewood brush.
 Timber, palo verde and catclaw, ocotillo, and giant cactus.

N. 10° 01' W., bet. secs. 23 and 24.
 Over rolling land.
 25.00 Dry wash, 20 lks. wide, 2 ft. banks, course N. 30° W.
 31.00 Dry wash, 200 lks. wide, 3 ft. banks, course N. 30° 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., with brass cap, marked,
 $\frac{1}{4}$ S 23 in W., and
 $\frac{1}{4}$ S 24 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
 51.80 Dry wash, 80 lks. wide, 4 ft. banks, course N. 40° W.
 66.80 Road, Alamo to Wenden, brs. S. 10° W. and N. 10° E.
 80.00 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, with brass
 cap, marked,
 T 8 N R 13 W in N. half;
 S 14 in NW.,
 S 13 in NE.,
 S 24 in SE., and
 S 23 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, south half, rolling; north half, level.
 Soil, gravelly and rocky, 4th rate.
 Timber, palo verde, ironwood, mesquite and catclaw.
 Undergrowth, greasewood brush, ocotillo and giant cactus.

East, on a random line, bet. secs. 13 and 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect east bdy. of Tp., 7 lks. N. of the cor. of secs. 13,
 18, 19 and 24, established by me, as described in
 Book "A."
 Thence I run,
 N. 89° 57' W., on a true line, bet. secs. 13 and 24.
 Over level land.
 2.60 Dry wash, 20 lks. wide, 3 ft. banks, course N. 50° W.
 19.80 Dry wash, 20 lks. wide, 3 ft. banks, course N. 60° W.
 25.70 Dry wash, 30 lks. wide, 3 ft. banks, course N. 60° W.
 40.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 13 in N., and
 $\frac{1}{4}$ S 24 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
 54.70 Dry wash, 30 lks. wide, 2 ft. banks, course N. 60° W.

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76.40 Road, Alamo to Wenden, brs. N.20°E. and S.10°W.
80.02 Cor. of secs. 13, 14, 23 and 24.
Land, level.
Soil, gravelly, 4th rate.
Timber, palo verde, ironwood and catclaw.
Undergrowth, greasewood brush, ocotillo and giant cactus.

N.0°01'W., 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., with brass cap, marked,
 $\frac{1}{4}$ S 14 in W., and
S 13 in E. half;
1914 in S. rim;
dig pits 18x18x12 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.

59.60 Dry wash, 20 lks. wide, 2 ft. banks, course W.

80.00 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, with
brass cap, marked,
T 8 N R 13 W in N. half;
S 11 in NW,
S 12 in NE.,
S 13 in SE and
S 14 in SW. quadrants;
1914 in S. rim;
dig pits 18x18x12 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 and gravelly, 3rd rate.
Timber, scattering palo verde mesquite and catclaw.
Undergrowth, greasewood, ocotillo and cholla.

East, on a random line, bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect east bdy. 10 lks. N. of the cor. of secs. 7, 12,
13 and 18, established by me, as described in Book "A."
Thence I run,
N.89° 56' W. on a true line, bet. secs. 12 and 13.
Over level land.

33.30 Road, Alamo to Wenden, brs. N.45°E. and S.45°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., with brass cap, marked,
 $\frac{1}{4}$ S 12 in N., and
S 13 in S. half;
1914 in S. rim;
dig pits 18x18x12 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.

80.00 Cor. of secs. 11, 12, 13 and 14.
Land, level.

Soil, gravelly and sandy, 3rd rate.
Timber, scattering palo verde and mesquite.
Undergrowth, greasewood brush, ocotillo and cholla., cactus.
June 24, 1914.
W.H.T.

Subdivision of Township 8 North, Range 13 West, 5.

Chains.

W.K.K.

June 23, 1914.

I examine the adjustments of the transit, and find it correct for levels and collimation; then, to test the solar apparatus by a.m. and p.m. observations on a meridian determined by observations on Polaris, I proceed as follows:

June 23, 1914: At a point near camp in sec. 15, T. 8 N., R. 13 W. at 4h. p.m., l.m.t., I set off 34°02' N. on the lat. arc; 23°27' N. on the decl. arc; and determine a meridian with the solar. On the line thus determined I set a rod 10 chs. N. of my station.

At 7h. 22.6m. p.m., l.m.t., I observe Polaris at lower culmination in accordance with the Manual of Instructions.

June 24, 1914: At 8h. a.m., l.m.t., I set off 34°02' N. on the lat. arc; 23°26½' N. on the decl. arc; and determine a meridian with the solar. The meridian thus determined falls upon the rod set 10 chs. N. of my station, as does the meridian determined by observations upon Polaris; therefore, I conclude that the adjustments of the instrument are satisfactory.

June 25, 1914: From the cor. of secs. 11, 12, 13 and 14, I run,

N. 0°01' W., bet. secs. 11 and 12.

Over level land.

38.50 Dry wash, 20 lks. wide, 1 ft. banks, course N. 60° W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., with brass cap, marked, ¼ S 11 in W., and S 12 in E. half; 1914 in S. rim;

dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

80.00 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, with brass cap, marked,

T 8 N R 13 W in N. half; S 2 in NW., S 1 in NE., S 12 in SE., and S 11 in SW. quadrants; 1914 in S. rim;

dig pits 18x18x12 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, sandy loam, 2nd rate.

Undergrowth, greasewood brush.

East, on a random line, bet. secs. 1 and 12.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect east bdy. of Tp., 2 lks. N. of the cor. of secs. 1, 6, 7 and 12, established by W.H. Thorn, as described in Book "A."

Thence I run,

N. 89° 59' W., on a true line, bet. secs. 1 and 12.

Over level land.

7.90 Road, Wendem to Alamo, brs. N. 5° E. and S. 5° W.

40.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked, ¼ S 1 in N., and S 12 in S. half;

1914 in S. rim;

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

80.02 Cor. of secs. 1, 2, 11 and 12.

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Chains.

Land, level.
Soil, sandy loam, 2nd rate.
Undergrowth, greasewood brush.

- N.0°01' W., on a true line, bet. secs.1 and 2.
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., with brass cap, marked,
 $\frac{1}{4}$ S 2 in W., and
 S 1 in E.half;
 1914 in S.rim;
 dig pits 18x18x12 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.
- 64.90 Wash, 50 lks.wide, 1 ft. banks, course N.80° W.
- 66.23 Intersect Second Standard Parallel North, 8.25 chs.west of the Standard cor. of secs. 35 and 36, T.9 N., R.13 W., which is an iron post 3 ins. in diam., 12 ins. above ground properly marked and witnessed by pits and mound. At point of intersection,
 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 1 and 2, with brass cap, marked,
 T 9 N R 13 W in N., and
 T 8 N in S.half;
 C C M.of center,
 S 35 in NW.,
 S 36 in NE.,
 S 1 in SE., and
 S 2 in SW.quadrants;
 1914 in S.rim;
 dig pits 24x18x12 ins., crosswise on each line, E.and W. 3 ft., and S.of cor. 7 ft.dist.
 Raise a mound of earth 4 ft.base, 2 ft.high, S.of cor.
 Land, level.
 Soil, sandy loam, 2nd rate.
 Undergrowth, greasewood brush.

June 25, 1914.

June 24, 1914:

At 8h. a.m., l.m.t., I set off $23^{\circ} 26\frac{1}{2}'$ N. on the decl.arc; $33^{\circ} 59'$ N. on the lat.arc; and determine a meridian with the solar, at the cor.of secs. 2, 3, 34 and 35, on the south bdy.of the Tp., established by W.H.Thown, as described in Book "A."

Thence I run,

N.0°01' W., bet. secs.34 and 35.

Over level land.

- 24.80 Dry wash, 75 lks.wide, 8 ft.banks, course N.10° 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., with brass cap, marked,
 $\frac{1}{4}$ S 34 in W., and
 S 35 in E.half;
 1914 in S.rim;
 dig pits 18x18x12 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.
- 48.00 Dry wash, 25 lks.wide, 2 ft.banks, course NW.
- 77.00 Dry wash, 75 lks.wide, 4 ft.banks, course N.10° 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, with brass cap, marked,
 T 8 N, R 13 W in N.half;
 S 27 in NW.;
 S 26 in NE.,

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S 35 in SE. and
 S 34 in SW. quadrants;
 1914 in S.rim;
 dig pits 18x18x12 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, gravelly, 3rd rate.
 Undergrowth, greasewood brush, ocotillo.
 Timber, palo verde.

East, on a random line bet. secs. 26 and 35.
 40.00 Set temp. ¼ sec. cor.
 80.00 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 25,
 26, 35 and 36.
 Thence 1 run,
 N. 89° 54' W., on a true line, bet. secs. 26 and 35.
 Over level land.
 19.00 Road, Wenden to Alamo, brs. NE. and SW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec. cor., with brass cap, marked,
 ¼ S 26 in N., and
 S 35 in S. half;
 1914 ins. rim;
 dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 N. of cor.
 43.80 Road brs. N. 5° W. and S. 5° E.
 57.05 Dry wash, 75 lks. wide, 3 ft. banks, course N.
 80.00 Cor. of secs. 26, 27, 34 and 35.
 Land, level.
 Soil, gravelly, 3rd rate.
 Timber, palo verde.
 Undergrowth, greasewood brush, ocotillo.

N. 0° 01' W. bet. secs. 26 and 27.
 Over level land.
 7.00 Ravine, 75 lks. wide, 5 ft. banks, course N. 60° W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec. cor., with brass cap, marked,
 ¼ S 27 in W., and
 S 26 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.
 80.00 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, with
 brass cap, marked,
 T 8 N R 13 W in N. half;
 S 22 in NW.,
 S 23 in NE.,
 S 26 in SE., and
 S 27 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, gravelly, 3rd rate.
 No timber.
 Undergrowth, greasewood brush, ocotillo.

8. Subdivision of Township 8 North Range 13 West.

Chains.

- East, on a random line, bet. secs. 23 and 26.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 23, 24, 25 and 26.
 Thence I run,
 N. $89^{\circ}54'W.$, on a true line, bet. secs. 23 and 26.
 Over level land.
 5.95 Road, Wenden to Alamo, brs. N. $5^{\circ}W.$ and S. $5^{\circ}E.$
 39.97 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 23 in N., and
 S 26 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
 69.95 Road brs. N. $30^{\circ}W.$ and S. $30^{\circ}E.$
 72.90 Dry wash, 20 lks. wide, 1 ft. banks, course N. $5^{\circ}W.$
 79.94 Cor. of secs. 22, 23, 26 and 27.
 Land, level.
 Soil, gravelly, 3rd rate.
 No timber.
 Undergrowth, greasewood brush, ocotillo.
 At this cor., I set off $23^{\circ}26'$ N. on the decl. arc; and at 12h.02m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is $34^{\circ}01'$ N.

- N. $0^{\circ}01'W.$, bet. secs. 22 and 23.
 Over level land.
 17.50 Dry wash, 15 lks. wide, 1 ft. banks, course N. $5^{\circ}W.$
 23.50 Road brs. N. $10^{\circ}W.$ and S. $10^{\circ}E.$
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 22 in W., and
 S 23 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
 74.00 Dry wash, 50 lks. wide, 3 ft. banks, course NW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap, marked,
 T 8 N R 13 W in N. half;
 S 15 in NW.,
 S 14 in NE.,
 S 23 in SE., and
 S 22 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, 2nd rate.
 No timber.
 Undergrowth, greasewood brush.

- East, on a random line, bet. secs. 14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.97 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 13, 14, 23 and 24.
 Thence I run,
 N. $89^{\circ}54'W.$, on a true line, bet. secs. 14 and 23.
 Over level land.
 .95 Dry wash, 20 lks. wide, 1 ft. banks, course N. $80^{\circ}W.$

Subdivision of Township 8 North, Range 13 West. 9.

Chains.

39.985 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 14 in N., and
 S 23 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.

79.97 Cor. of secs. 14, 15, 22 and 23.
 Land, level.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood brush.

N. 0° 01' W., bet. secs. 14 and 15.
 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., with brass cap, marked,
 $\frac{1}{4}$ S 15 in W., and
 S 14 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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. 10, 11, 14 and 15, with brass cap, marked,
 T 8 N R 13 W in N. half;
 S 10 in NW.,
 S 11 in NE.,
 S 14 in SE., and
 S 15 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, 2nd rate.
 No timber.
 Undergrowth, greasewood brush.
 June 24, 1914.

June 25, 1914:.

At 8h. a.m., l.m.t., I set off $23^{\circ}25\frac{1}{2}'$ N. on the decl. arc; $34^{\circ}02\frac{1}{2}'$ N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 10, 11, 14 and 15.

Thence I run, East, on a random line, bet. secs. 11 and 14.

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

80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence I run, S. $89^{\circ}59'$ W. on a true line, bet. secs. 11 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., with brass cap, marked,
 $\frac{1}{4}$ S 11 in N., and
 S 14 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.

80.00 Cor. of secs. 10, 11, 14 and 15.
 Land, level.
 Soil, sandy loam, 2nd rate.
 No timber.

10. Subdivision of Township 8 North Range 13 West.
Chains.

Undergrowth, greasewood brush.

N.0°01'W., bet. secs.10 and 11.

Over level land.

40.00 Set an iron post 3 ft.long, 1 in.indiam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., with brass cap, marked, S 10 in W., and S 11 in E.half; 1914 in S.rim; dig pits 18x18x12 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 oground, for cor.of secs.2,3,10 and 11, with brass cap, marked, T 8 N R 13 W in N.half; S 3 in NW., S 2 in NE., S 11 in SE., and S 10 in SW.quadrants; 1914 in S.rim; dig pits 18x18x12 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, 2nd rate.

No timber.

Undergrowth, greasewood brush.

East, on a random line, bet. secs.2 and 11.

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

80.00 Intersect the cor.of secs. 1,2,11 and 12,

Thence 1 run,

West, on a true line, bet. secs.2 and 11.

Over level land.

35.70 Road brs.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., with brass cap, marked, $\frac{1}{4}$ S 2 in N., and S 11 in S.half; 1914 in S.rim;

dig pits 18x18x12 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.

80.00 Cor.of secs.2,3,10 and 11.

Land,level.

Soil, sandy loam, 2nd rate.

No timber.

Undergrowth, greasewood brush.

N.0°01'W., on a true line, bet. secs.2 and 3.

Over level land.

33.50 Dry wash, 15 lks.wide, 2 ft.banks, course west.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor.,with brass cap, marked, $\frac{1}{4}$ S 3 in W., and S 2 in E.half; 1914 in S.rim;

dig pits 18x18x12 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.

49.30 Wash, 20 lks.wide, 1 ft.banks, course west.

66.06 Intersect 2nd. Standard Parallel North, 7.97 chs.west of the Standard cor. of secs.34 and 35, T.9 N., R.13 W., which is a 3-inch iron post, 12 ins. above ground,

Subdivision of Township 8 North Range 13 West 11.

Chains.

properly marked and witnessed by pits and mound of earth. At point of intersection, Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 2 and 3, with brass cap, marked,

- T 9 N R 13 W in N., and
- T 8 N in S. half;
- C C N. of center,
- S 34 in NW.,
- S 35 in NE.,
- S 2 in SE., and
- S 3 in SW. quadrants;
- 1914 in S. rim;

dig pits 24x18x12 ins. crosswise on each line, E. and W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.
Soil, sandy loam, 2nd rate.
No timber.
Undergrowth, greasewood brush.

June 25, 1914.

June 26, 1914.

At 8h. a.m., l.m.t., I set off 23°24' N. on the decl. arc; 33°59' N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34, on the south bdy. of the township, established by W. H. Thorn, as described in Book "A."

Thence I run, N. 0°02' W., bet. secs. 33 and 34. Over level land.

- 22.50 Ravine, 75 lks. wide, 4 ft. banks, course NW.
- 27.75 Dry wash, 40 lks. wide, 1 ft. banks, course N. 60° 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., with brass cap, marked,
 - $\frac{1}{4}$ S 33 in W., and
 - S 34 in E. half;
 - 1914 in S. rim;

dig pits 18x18x12 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. 27, 28, 33 and 34, with brass cap, marked,
 - T 8 N R 13 W in N. half;
 - S 28 in NW.,
 - S 27 in NE.,
 - S 34 in SE., and
 - S 33 in SW. quadrants;
 - 1914 in S. rim;

dig pits 18x18x12 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, gravelly, 3rd rate.
No timber.
Undergrowth, greasewood brush, ocotillo; scattering native grass.

- 40.00 East, on a random line, bet. secs. 27 and 34. Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 26, 27, 34 and 35. Thence I run, N. 89°54' W., on a true line, bet. secs. 27 and 34.

12. Subdivision of Township 8 North Range 13 West.

Chains.

- Over level land.
- 2.95 Dry wash, 100 lks. wide, 4 ft. banks, course N.10°W.
- 39.97 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 27 in N., and
 S 34 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
- 79.94 Cor. of secs. 27, 28, 33 and 34.
 Land, level.
 Soil, sandy and gravelly, 3rd rate.
 Undergrowth, greasewood brush, ocotillo; scattering native grass.
-
- N.0°02'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., with brass cap, marked,
 $\frac{1}{4}$ S 28 in W., and
 S 27 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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, with brass cap, marked,
 T 8 N R 13 W in N. half;
 S 21 in NW.,
 S 22 in NE.,
 S 27 in SE., and
 S 28 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, gravelly, 3rd rate.
 Undergrowth, greasewood brush, ocotillo; scattering native grass.
-
- East, on a random line, bet. secs. 22 and 27.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 22, 23, 26 and 27.
 Thence I run,
 N.89° 54' W., on a true line, bet. secs. 22 and 27.
- Over level land.
- 26.05 Dry wash, 10 lks. wide, $1\frac{1}{2}$ ft. banks, course NW.
- 39.96 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 22 in N., and
 S 27 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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 Cor. of secs. 21, 22, 27 and 28.
 Land, level.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood brush, ocotillo; scattering native grass.
- At this cor., I set off 23°23' N. on the decl. arc; and at

Subdivision of Township 8 North Range 13 West. 13.

Chains.

12h.02¹/₂m., p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is 34° 01'N.

N.0°02'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 ¹/₄ sec.cor., with brass cap, marked, ¹/₄ S 21 in W., and S 22 in E.half; 1914 in S. rim; dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth 3¹/₂ ft. base, 1¹/₂ ft. high, west 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, with brass cap, marked, T 8 N R 13 W in N.half; S 16 in NW., S 15 in NE., S 22 in SE.,and S 21 in SW.quadrants; 1914 in S.rim; dig pits 18x18x12 ins., in each sec. 5¹/₂ ft. dist.,and raise a mound of earth 4 ft.base, 2 ft.high, W.of cor.
- Land, level.
Soil, sandy loam, 2nd rate.
Undergrowth, greasewood brush.

East, on a random line, bet. secs.15 and 22.

- 40.00 Set temp.¹/₄ sec.cor.
- 79.88 Intersect N.and S. line, 16 lks.N.of the cor.of secs.14, 15,22 and 23.
Thence I run, N.89°53'W.on a true line, bet. secs.15 and 22.
Over level land.
- 5.40 Dry wash, 50 lks.wide, 3 ft. banks, course NW.
- 21.30 Road brs.N.10°W. and S.10°E.
- 39.94 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for ¹/₄ sec.cor., with brass cap, marked, ¹/₄ S 15 in N., and S 22 in S.half; 1914 in S.rim; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth 3¹/₂ ft. base, 1¹/₂ ft. high, north of cor.
- 54.90 Dry wash, 100 lks. wide, ¹/₂ ft.banks, course N.75°W.
- 79.88 Cor.of secs.15,16, 21 and 22.
Land, level.
Soil, sandy loam, 2nd rate.
Undergrowth, greasewood brush.

N.0°02'W., bet. secs. 15 and 16.
Over level land.

- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for ¹/₄ sec.cor., with brass cap, marked, ¹/₄ S 16 in W., and S 15 in E.half; 1914 in S.rim; dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth 3¹/₂ ft. base, 1¹/₂ ft. high, W.of cor.
- 61.50 Dry wash, 60 lks.wide, 1 ft. banks, course NW.

14. Subdivision of Township 8 North, Range 13 West.

Chains.

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, with brass cap, marked,
 T 8 N R 13 W in N. half;
 S 9 in NW.,
 S 10 in NE.,
 S 15 in SE., and
 S 16 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, 2nd rate.
 Undergrowth, greasewood brush.

40.00 East, on a random line, bet. secs. 10 and 15.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 10, 11, 14 and 15.
 Thence I run,
 N. $89^{\circ}53'$ W. 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., with brass cap,
 $\frac{1}{4}$ S 10 in N., and
 S 15 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
 47.90 Road brs. N. 5° W. and S. 5° E.
 79.88 For. of secs. 9, 10, 15 and 16.
 Land, level.
 Soil, sandy loam, 2nd rate.
 Undergrowth, greasewood brush.
 June 27, 1914.

June 30, 1914:
 At 8h. a.m., l.m.t., I set off $23^{\circ}13\frac{1}{2}'$ N. on the decl. arc;
 $34^{\circ}02\frac{1}{2}'$ N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 9, 10, 15 and 16.
 Thence I run,
 N. $0^{\circ}02'$ 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., with brass cap, marked,
 $\frac{1}{4}$ S 9 in W., and
 S 10 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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. 3, 4, 9 and 10, with brass cap, marked,
 T 8 N R 13 W in N. half;
 S 4 in NW.,
 S 3 in NE.,
 S 10 in SE., and
 S 9 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, 2nd rate.
 Undergrowth, greasewood brush.

Subdivision of Township 8 North Range 13 West. 15.

Chains.

- East, on a random line, bet. secs. 3 and 10.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.89 Intersect N. and S. line, 4 lks. N. of the cor. of secs. 2, 3, 10 and 11.
Thence I run,
N. $89^{\circ} 58'$ W., on a true line, bet. secs. 3 and 10.
Over level land.
- 39.945 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 3 in N., and
S 10 in S. half;
1914 in S. rim;
dig pits 18x18x12 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.
- 74.50 Road, Wenden and Cunningham Pass to Bill Williams, brs. N. 5° W. and S. 5° E.
- 79.89 Cor. of secs. 3, 4, 9 and 10.
Land, level.
Soil, sandy loam, 2nd rate.
Undergrowth, greasewood brush.

-
- N. $0^{\circ} 02'$ W., on a true line, bet. secs. 3 and 4.
Over level land.
 - 14.00 Road, Wenden and Cunningham Pass to Bill Williams, brs. N. 5° W. and S. 5° 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., with brass cap, marked,
 $\frac{1}{4}$ S 4 in W., and
S 3 in E. half;
1914 in S. rim;
dig pits 18x18x12 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.
 - 53.60 Wash, 40 lks. wide, 2 ft. banks, course west.
 - 65.99 Intersect Second Standard Parallel North, 7.59 chs. W. of the standard cor. of secs. 33 and 34, T. 9 N., R. 13 W., which is an iron post 3 ins. in diam., 12 ins. above ground, properly marked and witnessed by pits and mound. At point of intersection,
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 3 and 4, with brass cap, marked,
1914 in S. rim;
T 9 N R 13 W in N., and
T 8 N in S. half;
C C N. of center;
S 33 in NW.,
S 34 in NE.,
S 3 in SE., and
S 4 in SW. quadrants;
dig pits 24x18x12 ins. crosswise on each line E. and W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
Land, level.
Soil, sandy loam, 2nd rate.
Undergrowth, greasewood brush.

June 30, 1914.
(To be continued).

June 29, 1914:
At 8h. a.m., l.m.t., I set off $23^{\circ} 16\frac{1}{2}'$ N. on the decl. arc; $33^{\circ} 59'$ N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32, and 33,

16. Subdivision of Township 8 North Range 13 West.

Chains.

- on the south bdy of the Tp., established by W. H. Thorn, as described in Book "A."
- Thence I run,
N.0°02'W., bet. secs.32 and 33.
Over level land.
- 2.50 Dry wash, 10 lks.wide, 1 ft.banks, course N.75°W.
26.00 Road, Wenden to Swansea, brs.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., with brass cap, marked,
 $\frac{1}{4}$ S 32 in W., and
S 33 in E.half;
1914 in S.rim;
dig pits 18x18x12 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, west of cor.
- 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,with brass cap, marked,
T 8 N R 13 W in N.half;
S 29 in NW.,
S 28 in NE.,
S 33 in SE., and
S 32 in SW.quadrants:
1914 in S.rim;
dig pits 18x18x12 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, 2nd rate.
Timber, palo verde and mesquite.
Undergrowth, greasewood brush; native grass.
-
- East, on a random line, bet. secs.28 and 33.
40.00 Set temp. $\frac{1}{4}$ sec.cor.
80.06 Intersect N.and S. line, 14 lks.N.of the cor.of secs.27, 28, 33 and 34.
Thence I run,
N.89°54'W. on a true line, bet. secs.28 and 33.
Over level land.
- 40.03 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., with brass cap, marked,
 $\frac{1}{4}$ S 28 in N., and
S 33 in S.half;
1914 in S.rim;
dig pits 18x18x12 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.
- 80.06 Cor.of secs. 28,29, 32 and 33.
Land,level.
Soil,sandy loam, 2nd rate.
Timber, none.
Undergrowth, greasewood brush,ocotillo and scattering native grass.
-
- N.0°02'W., bet. secs. 28 and 29.
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., with brass cap, marked,
 $\frac{1}{4}$ S 29 in W., and
S 28 in E.half;
1914 in S.rim;
dig pits 18x18x12 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

Subdivision of Township 8 North, Range 13 West. 17.

Chains.

the ground for cor. of secs. 20, 21, 28 and 29, with brass cap, marked,

- T 8 N R 13 W in N. half;
- S 20 in NW.
- S 21 in NE.
- S 28 in SE.; and
- S 29 in SW. quadrants;
- 1914 in S. rim;

dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 2nd rate.

Undergrowth, greasewood brush, ocotillo and scattering native grass.

East, on a random line, bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence I run,

N. 89° 54' W., on a true line, bet. secs. 21 and 28.

Over level land.

40.04 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked,

- 1/4 S 21 in N., and
- S 28 in S. half;
- 1914 in S. rim;

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.08 Cor. of secs. 20, 21, 28 and 29.

Land, level.

Soil, sandy loam, 2nd rate.

Undergrowth, greasewood brush; scattering native grass.

At this cor., I set off 23° 15 1/2' N. on the decl. arc; and at 12h. 3m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is 34° 01' N.

N. 0° 02' W., bet. secs. 20 and 21.

Over level land.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked,

- 1/4 S 20 in W., and
- S 21 in E. half;
- 1914 in S. rim;

dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 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. 16, 17, 20 and 21, with brass cap, marked,

- T 8 N R 13 W in N. half;
- S 17 in NW.
- S 16 in NE.
- S 21 in SE.; and
- S 20 in SW. quadrants;
- 1914 in S. rim;

dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 2nd rate.

Undergrowth, greasewood brush.

18. Subdivision of Township 8 North, Range 13 West.

Chains.

- East, on a random line, bet. secs.16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line, 15 lks. N. of the cor. of secs. 15, 16, 21 and 22.
 Thence I run,
 N. $89^{\circ}54'$ W., on a true line, bet. secs. 16 and 21.
 Over level land.
- 40.05 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 16 in N., and
 S 21 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
- 80.10 Cor. of secs. 16, 17, 20 and 21.
 Land, level.
 Soil, sandy loam, 2nd rate.
 Undergrowth, greasewood brush.
-
- N. $0^{\circ}02'$ W., bet. secs. 16 and 17.
 Over level land.
- 16.20 Dry wash, 10 lks. wide, 1 ft. banks, course N. 80° 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., with brass cap, marked,
 $\frac{1}{4}$ S 17 in W., and
 S 16 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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. 8, 9, 16 and 17, with brass cap, marked,
 T 8 N R 13 W in N. half;
 S 8 in NW.,
 S 9 in NE.,
 S 16 in SE., and
 S 17 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, 2nd rate.
 Undergrowth, greasewood brush.
-
- East, on a random line, bet. secs. 9 and 16.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 15 lks. N. of the cor. of secs. 9, 10, 15 and 16.
 Thence I run,
 N. $89^{\circ}54'$ W., on a true line, bet. secs. 9 and 16.
 Over level land.
- 20.05 Dry wash, 40 lks. wide, 1 ft. banks, course NW.
 40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 9 in N., and
 S 16 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
- 80.04 Cor. of secs. 8, 9, 16 and 17.

Subdivision of Township 8 North Range 13 West. 19

Chains.

Land, level.
Soil, sandy loam, 2nd rate.
Undergrowth, greasewood brush.
June 29, 1914.

June 30, 1914, continued.
N.0° 02' W., bet. secs.8 and 9.
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., with brass cap, marked,
 $\frac{1}{4}$ S 8 in W., and
S 9 in E.half;
1914 in S.rim;
dig pits 18x18x12 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. 4,5,8 and 9, with brass cap, marked,
T 8 N R 13 W in N.half;
S 5 in NW.
S 4 in NE.;
S 9 in SE., and
S 8 in SW.quadrants;
1914 in S.rim;
dig pits 18x18x12 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, 2nd rate.
No timber.
Undergrowth, greasewood brush.
At this cor., I set off 23° 12 $\frac{1}{2}$ ' N. on the decl.arc; and at 12h. 3.3m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat.is 34° 03 $\frac{1}{2}$ ' N.

40.00 East, on a random line, bet. secs.4 and 9.
Set temp. $\frac{1}{4}$ sec.cor.
80.06 Intersect N.and S. line, 22 lks.N.of the cor.of secs.3,4, 9 and 10.

Thence I run,
N.89° 51' W., on a true line, bet. secs.4 and 9.
Over level land.
40.03 Set an iron post 3 ft.long, 1 in.in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., with brass cap, marked,
 $\frac{1}{4}$ S 4 in N., and
S 9 in S.half;
1914 in S.rim;
dig pits 18x18x12 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.

59.55 Dry wash, 20 lks.wide, 1 ft. banks, course NW.
80.06 Cor.of secs.4,5,8 and 9.

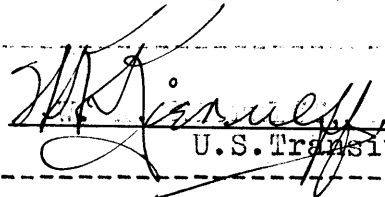
Land, level.
Soil, sandy loam, 2nd rate.
Timber, mesquite along wash.
Undergrowth, greasewood brush.

N.0° 02' W., on a true line, bet. secs.4 and 5.
Over level land.
6.00 Dry wash, 20 lks.wide, 2 ft.banks, course N.50° 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., with brass cap, marked,

20. Subdivision of Township 8 North, Range 13 West.

Chains.

- $\frac{1}{4}$ S 5 in W., and
 S 4 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
- 46.50 Dry wash, 40 lks. wide, 1 ft. banks, course W.
- 65.59 Intersect Second Standard Parallel North, 7.37 chs. W. of
 the Standard cor. of secs. 32 and 33, T. 9 N., R. 13 W.,
 which is an iron post 3 ins. in diam., 12 ins. above
 ground, properly marked and witnessed. At point of
 intersection,
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground for closing corner of secs. 4 and 5, with
 brass cap, marked,
 T 9 N R 13 W in N., and
 T 8 N in S. half;
 C C N. of center,
 S 32 in NW.,
 S 33 in NE.,
 S 4 in SE., and
 S 5 in SW. quadrants;
 1914 in S. rim;
 dig pits 24x18x12 ins., crosswise on each line, E. and
 W. 3 ft. and S. of cor. 7 ft. dist., and raise a mound
 of earth 4 ft. base, 2 ft. high, S. of cor.
 June 30, 1914.


 U. S. Transitman.

- W. H. T.
 June 29, 1914.
 At 8h. 30m. a.m., 1.m.t., I set off $23^{\circ} 16\frac{1}{2}'$ N. on the
 decl. arc; $33^{\circ} 59'$ N. on the lat. arc; and determine a
 meridian with the solar at the cor. of secs. 5, 6, 31 and
 32 on the south bdy. of the Tp., established by me, as
 described in Book "A."
 Thence I run,
 N. $0^{\circ} 03'$ W., bet. secs. 31 and 32.
 Over level land.
- 25.30 Dry wash, 20 lks. wide, 2 ft. banks, course N. 50° 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., with brass cap, marked,
 $\frac{1}{4}$ S 31 in W., and
 S 32 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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.
- 60.80 Road, Wenden to Swansea, hrs. N. 40° W. and S. 40° E.
- 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, with
 brass cap, marked,
 T 8 N R 13 W in N. half;
 S 30 in NW.,
 S 29 in NE.,
 S 32 in SE., and
 S 31 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, 3rd rate.
 No timber.
 Undergrowth, greasewood brush, ocotillo and cholla cactus.

Subdivision of Township 8 North Range 13 West 21

Chains.

East, on a random line, bet. secs.29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.00 Intersect N.and S. line, 17 lks.N.of the cor.of secs.28,
 29,32 and 33.
 Thence I run,
 N.89°53'W., on a true line, bet. secs.29 and 32.
 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.,with brass cap, marked,
 $\frac{1}{4}$ S 29 in N., and
 S32 in S.half;
 1914 in S.rim;
 dig pits 18x18x12 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.
 80.00 Cor.of secs.29,30,31 and 32.
 Land,level.
 Soil, sandy, 3rd rate.
 No timber.
 Undergrowth, greasewood brush, ocotillo and cholla cactus.

N.89°54' W. on a random line, bet. secs.30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.87 Intersect west bdy.of Tp., at the cor.of secs. 25,30,
 31 and 36, established by me, as described in Book "A."
 Thence I run,
 S.89° 54' E.on a true line, bet. secs.30 and 31.
 Over level land.
 12.15 Dry wash, 20 lks.wide, 1 ft.banks, course N.60°W.
 39.87 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec.cor., with brass cap, marked,
 $\frac{1}{4}$ S 30 in N., and
 S 31 in S.half;
 1914 in S.rim;
 dig pits 18x18x12 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.
 55.05 Road, Wenden to Swansea, brs.N.60°W. and S.60°E.
 79.87 Cor.of secs. 29,30,31 and 32.
 Land,level.
 Soil, sandy, 3rd rate.
 No timber.
 Undergrowth, greasewood brush,ocotillo and cholla.

N.0°03' W., bet. secs.29 and 30.
 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., with brass cap, marked,
 $\frac{1}{4}$ S 30 in W., and
 S 29 in E.half;
 1914 in S.rim;
 dig pits 18x18x12 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.19,20, 29 and 30, with
 brass cap, marked,
 T 8 N. R 13 W in N.half;
 S 19 in NW.,
 S 20 in NE.,
 S 29 in SE., and
 S 30 in SW.quadrants;
 1914 in S. rim;

22. Subdivision of Township 8 North, Range 13 West.

Chains.

dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy and gravelly, 3rd rate.

No timber.

Undergrowth, greasewood brush.

Ocotillo and cholla cactus.

At this cor., I set off 23° 15 1/2' N. on the decl. arc; and at 12h. 03m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is 34° 01' N.

East, on a random line, bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

80p04 Intersect N. and S. line, 17 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence I run,

N. 89° 53' W., on a true line, bet. secs. 20 and 29.

Over level land.

40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked,

1/4 S 20 in N., and

S 29 in S. half;

1914 in S. rim;

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.04 Cor. of secs. 19, 20, 29 and 30.

Land, level.

Soil, sandy and gravelly, 3rd rate.

No timber.

Undergrowth, greasewood brush, ocotillo and cholla cactus.

West, on a random line, bet. secs. 19 and 30.

40.00 Set temp. 1/4 sec. cor.

79.80 Intersect W. bdy. of Tp., 17 lks. S. of the cor. of secs. 19, 24, 25 and 30, established by me, as described in Book "A."

Thence I run,

S. 89° 53' E., on a true line, bet. secs. 19 and 30.

Over level land.

39.80 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked,

1/4 S 19 in N., and

S 30 in S. half;

1914 in S. rim;

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

79.80 Cor. of secs. 19, 20, 29 and 30.

Land, level.

Soil, sandy and gravelly, 3rd rate.

No timber.

Undergrowth, greasewood brush, ocotillo and cholla cactus.

N. 0° 03' W., bet. secs. 19 and 20.

Over level land.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked,

1/4 S 19 in W., and

S 20 in E. half;

1914 in S. rim;

Subdivision of Township 8 North, Range 13 West, 23.

Chains.

dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, west of cor.

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, with brass cap, marked,

T 8 N, R 13 W in N. half;
S 18 in NW.,
S 17 in NE.,
S 20 in SE., and
S 19 in SW. quadrants;
1914 in S. rim;

dig pits 18x18x12 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, sandy, 3rd rate.
No timber.
Undergrowth, greasewood brush, ocotillo and cholla cactus.

East, on a random line, bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect N. and S. line, 17 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence I run,
N. 89° 53' W., on a true line, bet. secs. 17 and 20.
Over level land.

40.03 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., with brass cap, marked,
¼ S 17 in N., and
S 20 in S. half;
1914 in S. rim;

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

80.06 Cor. of secs. 17, 18, 19 and 20.

Land, level.
Soil, sandy, 3rd rate.
No timber.
Undergrowth, greasewood brush, ocotillo and cholla cactus.

West, on a random line, bet. secs. 18 and 19.

40.00 Set temp. ¼ sec. cor.

79.74 Intersect west bdy. of Tp., 17 lks. S. of the cor. of secs. 13, 18, 19 and 24, established by me, as described in Book "A."

Thence I run,
S. 89° 53' E., on a true line, bet. secs. 18 and 19.
Over level land.

39.74 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., with brass cap, marked,
¼ S 18 in N., and
S 19 in S. half;
1914 in S. rim;

dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

79.74 Cor. of secs. 17, 18, 19 and 20.

Land, level.
Soil, sandy, 3rd rate.
No timber.
Undergrowth, greasewood brush, ocotillo and cholla cactus.

June 29, 1914.

24. Subdivision of Township 8 North, Range 13 West.

Chains.

June 30, 1914:

At 8h. a.m., l.m.t., I set off $23^{\circ} 13\frac{1}{2}'$ N. on the decl. arc;
 $34^{\circ} 02'$ N. on the lat. arc; and determine a meridian with
 the solar at the cor. of secs. 17, 18, 19 and 20, I run,

Thence I run,

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

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., with brass cap, marked,
 $\frac{1}{4}$ S 18 in W., and
 S 17 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 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. 7, 8, 17 and 18, with brass
 cap, marked,
 T 8 N R 13 W in N. half;
 S 7 in NW.
 S 8 in NE.
 S 17 in SE., and
 S 18 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 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, 3rd rate.

No timber.

Undergrowth, greasewood brush, ocotillo and cholla cactus.

Flag at the cor. of secs. 8, 9, 16 and 17, being plainly
 visible, I run, for said cor.,

S. $89^{\circ} 54'$ E., on a random line, bet. secs. 8 and 17.40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect cor. of secs. 8, 9, 16 and 17.

Thence I run,

N. $89^{\circ} 54'$ W., on a true line, bet. secs. 8 and 17.

Over level land.

40.06 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 8 in N., and
 S 17 in S. half;
 1914 in S. rim;
 dig pits 18x18x12 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.

80.12 Cor. of secs. 7, 8, 17 and 18.

Land, level.

No timber.

Soil, sandy, 3rd rate.

Undergrowth, greasewood brush, ocotillo and cholla cactus.

Flag at the cor. of secs. 7, 12, 13 and 18 on the west bdy.
 of Tp. being in plain sight, I run for said cor.,

N. $89^{\circ} 54'$ W., on a true line, bet. secs. 7 and 18.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 1914 in S. rim;
 $\frac{1}{4}$ S 7 in N., and
 S 18 in S. half;

dig pits 18x18x12 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.

79.70 Intersect W. bdy. of Tp., at the cor. of secs. 7, 12, 13 and 18,

Subdivision of Township 8 North, Range 13 West. 25.

Chains.

established by me, as described in Book "A."
Land, level.
Soil, sandy, 2nd rate.
No timber.
Undergrowth, greasewood brush; cholla cactus.

N.0°03'W., bet. secs.7 and 8.
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., with brass cap, marked, $\frac{1}{4}$ S 7 in W., and S 8 in E.half; 1914 in S.rim;

dig pits 18x18x12 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. 5,6,7 and 8, with brass cap, marked,

T 8 N R 13 W in N.half;
S 6 in NW,
S 5 in NE.,
S 8 in SE., and
S 7 in SW.quadrants;
1914 in S.rim;

dig pits 18x18x12 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, 2nd rate.
No timber.
Undergrowth, greasewood brush 4 to 5 ft.high.
Cholla cactus.

Flag at the cor.of secs.4,5, 8 and 9 being plainly visible, I run, for said cor., S.89°56'E., on a random line, bet. secs. 5 and 8.

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

80.06 Intersect cor.of secs. 4,5,8 and 9.,

Thence I run, N.89° 56'W., on a true line, bet. secs.5 and 8.
Over level land.

40.03 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., with brass cap, marked, $\frac{1}{4}$ S 5 in N., and S 8 in S.half; 1914 in S.rim;

dig pits 18x18x12 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.

80.06 Cor.of secs.5,6,7 and 8.

Land, level.
Soil, sandy, 2nd rate.
No timber.
Undergrowth, greasewood brush, cholla cactus.
At this cor., I set off 23° 12 $\frac{1}{2}$ 'N. on the decl. arc, and at 12h. 3.3m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is 34° 03 $\frac{1}{2}$ ' N.

Flag at the cor. of secs.1,6,7 and 12, on the west bdy. of township being plainly visible, I run for said cor., N.89° 54'W., on a true line, bet. secs.6 and 7.
Over level land.

26. Subdivision of Township 8 North, Range 13 West.

Chains.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked, $\frac{1}{4}$ S 6 in N., and S 7 in S. half; 1914 in S. rim; dig pits 18x18x12 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.

79.66 Intersect W. bdy. of Tp. at the cor. of secs. 1, 6, 7 and 12, established by me, as described in Book "A."
Land, level.
Soil, sandy, 2nd rate.
No timber.
Undergrowth, greasewood brush; cholla cactus.

N. 0° 03' W., on a true line, bet. secs. 5 and 6.
Over level land.

17.50 Dry wash, 35 lks. wide, 2 ft. banks, course west.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked, $\frac{1}{4}$ S 6 in W., and S 5 in E. half; 1914 in S. rim; dig pits 18x18x12 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.

65.44 Intersect Second Standard Parallel North 7.23 chs. west of the standard cor. of secs. 31 and 32, T. 9 N., R. 13 W., which is a 3-inch iron post 1 ft. above ground, properly marked and witnessed by pits and mound of earth. At point of intersection,

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing corner of secs. 5 and 6, with brass cap, marked,

T 9 N R 13 W in N., and
T 8 N in S. half;
S 31 in NW.,
S 32 in NE.,
S 5 in SE., and
S 6 in SW. quadrants;
C C S. of center,
1914 in S. rim;

dig pits 24x18x12 ins., crosswise on each line, E. and W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.
Soil, sandy, 2nd rate.
No timber.
Undergrowth, greasewood brush, cholla cactus.

June 30, 1914.
W.H.T.

GENERAL DESCRIPTION.

This township is level, except in the SE. cor., which cor. is in the Harcuvar Mountains. The entire south row of sections are worthless, the soil being 3rd rate, and cut up by deep ravines and washes. The remainder of the township is nearly all 2nd rate soil.

Native bunch grass and greasewood grow throughout the township. There are no settlers on water in the township.

W.H. Show
U.S. Surveyor,

U.S. Surveyor,

J. W. ...

FOR FINAL OATHS OF UNITED STATES SURVEYOR & TRANSITMAN.

See Book "D"

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. DEC 30, 1915

The foregoing field notes of the survey of *the Subdivision lines of Township 8 North, Range 13 West of the Gila and Salt River Base and Meridian in the State of Arizona*

executed by *W. H. Thorn* U. S. Surveyor & *W. G. Keruff* U. S. Transitman under ~~his~~ special instructions dated *February 11, 1914* for *Group 34*, ~~191~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank Ingalls
 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.