

2851

4-679

BOOK 2851

125
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Book "Q"
- Subdivisions -
FIELD NOTES

Str. 4-1914

OF THE SURVEY OF ~~THE~~
PART OF THE
SUBDIVISION OF TOWNSHIP 8 NORTH RANGE 12 WEST.

SUBDIVISION OF *Subdivision lines of*

Township 8 North - Range 12 West

Of the Gila & Salt River Base & Meridian,

In the State of ARIZONA.

EXECUTED BY

W. H. THORN,

U. S. Surveyor

~~In the capacity of U. S. Surveyor~~, under instructions dated February 11, 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~~, ~~191~~

Survey commenced June 25, 1914.

Survey completed June 26, 1914.

2851

Book "Q"

BOOK 2851

INDEX DIAGRAM.

Township 8 North		Range 12 West					
		2nd	Standard	Parallel		North	
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- _____ Notes in book "A"
- _____ Notes in book "B"
- _____ Notes in book "P2"
- _____ Accepted surveys.
- Unsurveyed lines.

Chains.

Survey commenced June 25, 1914, and executed by W. H. Thorn, U. S. Surveyor, with a Young and Sons' light mountain transit No. 8592, described in Book "A."
 I examine the adjustments of the instrument, and correct the level and collimation errors; then, test the solar apparatus by comparing its indications resulting from observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris.
 At the cor. of secs. 13, 18, 19 and 24 on west bdy. of Tp.; lat. 34°02' N.; long. 113° 33' 44" W., established by me, as described in Book "A;" at 9h. a.m., l.m.t., I set off 23°25' N. on decl. arc; 34°02' on the lat. arc; and determine a meridian with the solar.

Thence I run, East, on a true line, bet. secs. 18 and 19. Over rolling land.

- .35 Road brs. NE. and SW.
 - 8.70 Ravine, 40 lks. wide, 4 ft. deep, course N. 60° W.
 - 23.20 Ravine, 80 lks. wide, 8 ft. deep, course N. 60° W.
 - 38.16 Theoretical point for 1/4 sec. cor. 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 18 in N., and S 19 in S. half; 1914 in S. rim; pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 - 43.56 Right bank of dry wash, 8 ft. banks.
 - 52.60 Left bank of dry wash, course N. 60° W.
 - 69.30 Dry wash, 80 lks. wide, 2 ft. banks, course N. 80° W.
 - 75.40 Dry wash, 60 lks. wide, 2 ft. banks, course S. 89° W.
 - 78.16 Theoretical point for cor. of secs. 17, 18, 19 and 20. Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground (could not set deeper for solid stone) build a mound of stone 4 ft. base, 1 1/2 ft. high around post, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked, T 8 N R 12 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; pits impracticable. Build a mound of stone 4 ft. base, 3 ft. high, W. of cor.
- Land, rolling.
 Soil, gravelly, 4th rate.
 Timber, palo verde, mesquite and catsclaw.
 Undergrowth, greasewood brush, ocotillo and giant cactus.

N. 0°03' W., bet. secs. 17 and 18. Over rolling land.

- .40 Dry wash, 75 lks. wide, 2 ft. banks, course west.
- 9.00 Dry wash, 150 lks. wide, 8 ft. banks, course N. 70° W.
- 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 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 1/2 ft base, 1 1/2 ft. high, W. of cor.
- 47.00 Ravine, 60 lks. wide, 6 ft. banks, course N. 70° W.
- 56.20 Dry wash, 100 lks. wide, 5 ft. banks, course N. 60° W.
- 62.90 Old road, brs. E. and W.
- 75.40 Left bank of dry wash, 6 ft. banks, course west.
- 79.50 Right bank of same wash.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground (could not set deeper for solid stone)

2. Partial Subdivision of Township 8 North, Range 12 West.

Chains.

build a mound of stone 2 ft. base, 1 ft. high around post for cor. of secs. 7, 8, 17 and 18, with brass cap, marked,

T 8 N R 12 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;

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

Land, rolling.

Soil, gravelly, 4th rate.

Timber, palo verde, mesquite and catclaw.

Undergrowth, greasewood brush, ocotillo and giant cactus.

West, on a random line, bet. secs. 7 and 18.

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

78.12 Intersect west bdy. of Tp. at the cor. of secs. 7, 12, 13 and 18, established by me, as described in Book "A."

Thence I run,

East, on a true line, bet. secs. 7 and 18.

Over gradual NW. slope.

38.12 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 N., and

S 18 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.

59.30 Left bank of dry wash, 6 ft. banks, course N. 80° W.

73.10 Right bank of same wash.

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

Land, gradual NW. slope.

Soil, gravelly and rocky, 4th rate.

Timber, palo verde, mesquite and catclaw.

Undergrowth, greasewood brush, ocotillo and giant cactus.

At this cor., I set off 23° 25' N. on the decl. arc; and

at 12h. 2.2m. p.m., observe the sun on the meridian;

the resulting lat. is 34° 2 $\frac{1}{2}$ ' N.

N. 0° 03' W., bet. secs. 7 and 8.

Over gradual NW. slope.

10.00 Dry wash, 15 lks. wide, 2 ft. banks, course N. 60° W.

22.00 Ravine, 30 lks. wide, 4 ft. deep, course N. 70° W.

28.10 Dry wash, 40 lks. wide, 2 ft. banks, course N. 70° W.

38.00 Dry wash, 20 lks. wide, 2 ft. banks, course N. 70° 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 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 12 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; from which,

Partial Subdivision of Township 8 North Range 12 West. 3.

Chains.

- An ironwood, 10 ins. in diam., brs.N.29°E., 86 lks.dist., marked T 8 N R 12 W, S 5 B T.
- An ironwood, 14 ins. in diam., brs. S.8°30'E., 202 lks.dist., marked T 8 N R 12 W S 8 BT.
- An ironwood, 8 ins. in diam., brs.S.9°30'W., 189 lks.dist., marked T 8 N R 12 W S 7 BT.
- An ironwood, 6 ins. in diam., brs.N.54°30'W., 50 lks.dist., marked T 8 N R 12 W S 6 BT.

Land gradual NW. slope.
 Soil, gravelly and rocky 4th rate.
 Timber, ironwood, palo verde and catclaw.
 Undergrowth, greasewood brush; ocotillo and giant cactus.

- West, on a random line, bet. secs.6 and 7.
- 40.00 Set temp. $\frac{1}{4}$ sec.cor.
- 78.07 Intersect west bdy.of Tp., 15 lks.S.of the cor.of secs.1, 6,7 and 12, established by me, as described in Book"A." Thence I run, S.89°54'E., on a true line, bet. secs.6 and 7. Over level land.
- 19.20 Old road brs.N.30°E. and S.30°W.
- 26.80 Dry wash, 20 lks.wide, 2 ft.banks, course N.60°W.
- 38.07 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.
- 48.75 Dry wash, 15 lks.wide, 2 ft.banks, course N.60°W.
- 72.90 Dry wash, 20 lks.wide, 2 ft.banks, course N.70°W.
- 78.07 Cor.of secs.5,6,7 and 8. Land, level. Soil, gravelly, 4th rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush, catclaw; ocotillo and giant cactus.

- N.0°03' W., on a true line, bet. secs.5 and 6. Over level land.
- 1.80 Dry wash, 40 lks. wide, 3 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.
- 45.00 Dry wash, 20 lks.wide, 2 ft.banks, course N.60°W.
- 57.30 Dry wash, 60 lks.wide, 6 ft.banks, course N.60°W.
- 62.60 Old road brs.E. and W.
- 66.50 Intersect Second Standard Parallel North, 10.85 chs.W.of the Standard cor. of secs.31 and 32, T.9 N., R.12 W., which is an iron post 3 ins. in diam., 12 ins. above ground, properly marked and witnessed by mound of stone N.of cor. 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. 5 and 6, with brass cap, marked, T 8 N R 12 W in S.half; S 31 in NW., S 32 in NE., S 5 in SE., and

4. Partial Subdivision of Township 8 North Range 12 West
Chains.

S 6 in SW quadrants;
1914 in S. rim;
C C S. of center;

dig pits 24x18x12 ins. crosswise on each line E. and W. of cor. 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, gravelly, 4th rate.

Timber, palo verde, ironwood and catclaw.

Undergrowth, greasewood brush, ocotillo and giant cactus.

June, 25, 1914.

June 26, 1914:

At 9h. a.m., l.m.t., I set off $23^{\circ}23\frac{1}{2}'$ 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. 7, 8, 17 and 18,

Thence I run,

East, on a true line, bet. secs. 8 and 17.

Over gradual NW. slope.

28.60 Old road brs. N. 45° E. and S. 45° W.

35.20 Dry wash, 100 lks. wide, 2 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 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.

Harcuvar Mountains bear SE. about 20 chs. dist.

80p00 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground (could not set deeper for solid stone) build mound of stone and earth 4 ft. base, $1\frac{1}{2}$ ft. high around post for cor. of secs. 8, 9, 16 and 17, with brass cap, marked,

T 8 N R 12 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 and stone 4 ft. base, 2 ft. high, W. of cor.

Land, gradual NW. slope.

Soil, gravelly and rocky, 4th rate.

Timber, palo verde, ironwood and catclaw.

Undergrowth, greasewood brush; ocotillo and giant cactus.

N. $0^{\circ}02'$ W., bet. secs. 8 and 9.

Over rolling land.

2.20 Ravine, 80 lks. wide, 8 ft. deep, course N. 80° W.

7.70 Ravine, 40 lks. wide, 5 ft. deep, course W.

14.50 Ravine, 100 lks. wide, 10 ft. deep, course W.

29.00 Ravine, 120 lks. wide, 12 ft. deep, course N. 80° W.

35.60 Old road, brs. NE. and SW.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground (could not set deeper for solid stone) build mound of earth and stone 3 ft. base, $1\frac{1}{2}$ ft. high around post 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;

Partial Subdivision of Township 8 North, Range 12 West, 5.

Chains.

- dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth and stone $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 42.60 Dry wash, 40 lks. wide, 2 ft. banks, course N.80°W.
 46.10 Dry wash, 30 lks. wide, 2 ft. banks, course west.
 69.00 Dry wash, 20 lks. wide, 2 ft. banks, course N.80°W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground (could not set deeper for solid rock) build a mound of stone 2 ft. base, 1 ft. high around post for cor. of secs. 4, 5, 8 and 9, with brass cap, marked,
 T 8 N R 12 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;
 pits impracticable. Build a mound of stone 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling.
 Soil, gravelly and rocky, 4th rate.
 Undergrowth, greasewood brush; orotillo, giant cactus.
 Timber, palo verde, ironwood and catclaw.
-
- West, on a random line, bet. secs. 5 and 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 5, 6, 7 and 8.
 Thence I run,
 N.89° 57'E., on a true line, bet. secs. 5 and 8.
 Over level land.
 7.80 Dry wash, 40 lks. wide, 3 ft. banks, course N.85°W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground (could not set deeper for solid stone) build mound of earth and stone 3 ft. base, $1\frac{1}{2}$ ft. high around post 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 and stone $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 66.20 Dry wash, 20 lks. wide, 1 ft. banks, course N.60°W.
 80.00 Cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, gravelly and rocky, 4th rate.
 Timber, palo verde, ironwood and catclaw.
 Undergrowth, greasewood brush; ocotillo and giant cactus.
-
- N.0°02'W., on a true line, bet. secs. 4 and 5.
 Over rolling land.
 .80 Dry wash, 20 lks. wide, 2 ft. banks, course N.80°W.
 17.70 Dry wash, 40 lks. wide, 2 ft. banks, course N.50°W.
 26.70 Ravine, 60 lks. wide, 8 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 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.
 47.00 Ravine, 30 lks. wide, 5 ft. banks, course N.40°W.
 52.10 Ravine, 40 lks. wide, 8 ft. banks, course N.60°W.
 66.63 Intersect Second Standard Parallel N., 11.19 chs. west of the standard cor. of secs. 32 and 33, T.9 N., R.12 W.,

6. Partial Subdivision of Township 8 North Range 12 West
Chains.

which is an iron post 3 ins. in diam., 12 ins. above ground, properly marked and witnessed by mound of stone N. of cor. 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 8 N R 12 W in S. half;

C C S. of center,

1914 in S. rim;

S 32 in NW.,

S 33 in NE.,

S 4 in SE., and

S 5 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, rolling.

Soil, gravelly, surface covered with loose stone, 4th rate.

Timber, palo verde, ironwood and catclaw.

Undergrowth, greasewood brush; ocotillo and giant cactus.

June 26, 1914.

GENERAL DESCRIPTION.

The portion of this township subdivided is nearly level and gently rolling, sandy soil, covered with greasewood brush, palo verde, ironwood timber, giant cactus, cholla and ocotillo. The remainder of the township not subdivided is mountainous, neither grazing nor agricultural. Very little grass. No settlers.

W. H. Shorn
U. S. Surveyor.

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BOOK 2851

FOR FINAL OATH OF UNITED STATES SURVEYOR.

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 *part of the subdivision lines of Township 8 North Range 12 West of the Gila and Salt River Base and Meridian* in the State of Arizona

executed by *W. H. Thorn U. S. Surveyor* 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
 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.