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301

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SEP 4-1914

Book "I"

BOOK 2843

~Subdivisions~  
FIELD NOTES

OF THE SURVEY OF THE

UNITED STATES DEPARTMENT OF THE INTERIOR

Subdivision lines of  
Township 7 North, Range 11 West

Of the GILA AND SALT RIVER BASE AND 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~~, 1914

Survey commenced April 27, 1914.

Survey completed May 16, 1914.

302  
 (1A)

BOOK 2843

Book "I"

# INDEX DIAGRAM.

Township 7 North, Range 11 West.

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

6-151

- \_\_\_\_\_ Notes in book "A"
- ..... Notes in book "H"
- \_\_\_\_\_ Notes in book "K"
- ..... Notes in book "R"
- \_\_\_\_\_ Accepted surveys.
- Unsurveyed lines.

Subdivision of Township 7 North, Range 11 West.

18

Chains.

Survey commenced April 27, 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 transit, and correct the level and collimation errors; 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:

April 25, 1914:

At a point near camp, in sec. 29, T. 7 N., R. 10 W.; lat.  $33^{\circ} 55' 00''$  N.; long.  $113^{\circ} 19' 11''$  W., at 4h. p.m., l.m.t., I set off  $33^{\circ} 55'$  N. on lat. arc; and  $13^{\circ} 10\frac{1}{2}'$  N. on decl. arc, and determine a meridian with the solar, and mark the meridian thus determined by a tack in a wooden peg set 8.00 chs. N. of my station.

At 5h. 11.6m. p.m., l.m.t. (still daylight) I observe Polaris at western elongation. I lay off the azimuth of Polaris  $1^{\circ} 23\frac{1}{2}'$  to the east, and the meridian thus determined agrees with the meridian determined by solar observations.

April 26, 1914:

The solar apparatus at even hours a.m. and p.m. observations defines positions for meridians within 30" of arc; therefore, I conclude that the adjustments of the instrument are satisfactory.

April 28, 1914:

At 8h. a.m., l.m.t., I set off  $14^{\circ} 02'$  N. on the decl. arc;  $33^{\circ} 54'$  N. on lat. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36 on the south bdy. of the Tp., established by W.K. Kierulff, as described in Book "A."

Thence I run,

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

Over level land; through greasewood brush.

4.30 Road brs. E. and W.

35.00 Leave greasewood brush, and enter open plain.

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  
 $\frac{1}{4}$  S 36 in E. half;  
 1914 in S. rim;

dig pits  $18 \times 18 \times 12$  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, west of cor.

65.00 Road brs. 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. 25, 26, 35 and 36, with brass cap, marked,

T 7 N R 11 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;

dig pits  $18 \times 18 \times 12$  ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.

Land, level.

Soil, sandy loam, 2nd rate.

Timber, none.

Undergrowth, greasewood and mesquite brush, 4 to 8 ft. high on south 35.00 chs. Low sage brush and dense growth of club cactus on north 45 chs.

2. Subdivision of Township 7 North, Range 11 West  
Chains.

40.00 East, on a random line, bet. secs. 25 and 36.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect east bdy. of Tp. at the cor. of secs. 25, 30, 31 and 36, established by me, as described in Book "A." Thence I run,  
West, on a true line, bet. secs. 25 and 36.  
Over level land, through greasewood and mesquite.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. of secs. 25 and 36, with brass cap, marked,  
 $\frac{1}{4}$  S. 25 in N., and  
S 36 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, north of cor.  
50.00 Leave brush and enter open.  
80.00 Cor. of secs. 25, 26, 35 and 36.  
Land, level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and mesquite to 50.00 chs.; thence club cactus.

-----  
N. 0° 01' W., bet. secs. 25 and 26.  
Over level land.  
12.20 Old 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 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.  
56.15 Dry wash, 40 lks. wide, 3 ft. banks, course S. 70° W.  
70.10 Dry wash, 10 lks. wide, 3 ft. banks, course S. 70° W.  
72.30 Dry wash, 30 lks. wide, 2 ft. banks, course S. 70° W.  
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, with brass cap, marked;  
T 7 N R 11 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.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, level.  
Soil, adobe, 2nd rate.  
No timber.  
Undergrowth, sage brush and club cactus.

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East, on a random line, bet. secs. 24 and 25.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect east bdy. of Tp. 2 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° 59' W. on a true line, bet. secs. 24 and 25.  
Over level land.  
9.00 Dry wash, 10 lks. wide, 1 ft. banks, course S. 60° W.  
20.00 Dry wash, 20 lks. wide, 2 ft. banks, course S. 60° W.

Subdivision of Township 7 North, Range 11 West. 3.

Chains.

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 24 in N., and 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.

80.02 Cor. of secs. 23, 24, 25 and 26. Land, level. Soil, adobe, 2nd rate. Timber, none. Undergrowth, mesquite brush very scattering; scattering club cactus. At this cor., I set off  $14^{\circ} 04\frac{1}{2}'$  N. on decl. arc; and at 11h. 57.5m. a.m., l.m.t., observe the sun on the meridian; the resulting lat. is  $33^{\circ} 55\frac{1}{2}'$  N.

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

25.00 Enter greasewood 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., with brass cap, marked,  $\frac{1}{4}$  S 23 in W., and 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, 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. 13, 14, 23 and 24, with brass cap, marked, T 7 N R 11 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, level. Soil, sandy adobe, 2nd rate. Timber, none. Undergrowth, greasewood brush, 4 to 5 ft. high. Club cactus.

East, on a random line, bet. secs. 13 and 24.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect east bdy. of Tp., 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, established by me, as described in Book "A."

Thence I run, N.  $89^{\circ} 59'$  W., on a true line, bet. secs. 13 and 24. 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 13 in N., and 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.

## 4. Subdivision of Township 7 North Range 11 West.

Chains.

80.00 Cor. of secs. 13, 14, 23 and 24.  
Land, level.  
Soil, sandy adobe, 2nd rate.  
Undergrowth, greasewood and mesquite brush 4 to 6 ft. high.

38.60 N.  $0^{\circ}01'W$ . bet. secs. 13 and 14.  
Over level land.  
Road brs. N.  $50^{\circ}E$ . and S.  $50^{\circ}W$ .  
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 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, 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. 11, 12, 13 and 14, with brass cap, marked,  
T 7 NR 11 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 corner.  
Land, level.  
Soil, sandy loam, 2nd rate.  
Timber, none.  
Undergrowth, greasewood and mesquite brush.

40.00 East, on a random line, bet. secs. 12 and 13.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect east bdy. of Tp., at the cor. of secs. 7, 12, 13 and 18, established by me, as described in Book "A."  
Thence I run,  
West, on a true line, bet. secs. 12 and 13.  
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 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, north of cor.  
80.00 Cor. of secs. 11, 12, 13 and 14.  
Land, level.  
Soil, sandy loam, 2nd rate.  
No timber.

April 28, 1914.

April 29, 1914:  
At 3h. p.m., l.m.t., I set off  $14^{\circ}26'$  N. on the decl. arc;  
 $33^{\circ}57\frac{1}{2}'$  N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 11, 12, 13 and 14.  
Thence I run,  
N.  $0^{\circ}01' W$ ., bet. secs. 11 and 12.  
Over level land.

## Subdivision of Township 7 North, Range 11 West. 5.

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 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  $3\frac{1}{2}$  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, with brass cap, marked,  
 T 7 N R 11 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.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.  
 Land, level.  
 Soil, sandy and gravel, 2nd rate.  
 No timber.  
 Undergrowth greasewood and mesquite brush 4 to 6 ft. high.
- 
- East, on a random line, bet. secs. 1 and 12.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect east bdy. of Tp., 2 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° 59' W. on a true line, bet. secs. 1 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., with brass cap, marked,  
 $\frac{1}{4}$  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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.
- 41.20 Dry wash, 20 lks. wide, 2 ft. banks, course S. 10° E.  
 62.70 Dry wash, 10 lks. wide, 2 ft. banks, course S. 5° E.  
 68.10 Dry wash, 15 lks. wide, 2 ft. banks, course S. 5° E.  
 80.00 Cor. of secs. 1, 2, 11 and 12.  
 Land, level.  
 Soil, sandy, 2nd rate.  
 Timber, scattering mesquite.  
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.
- 
- N. 0° 01' W., on a random line, bet. secs. 1 and 2.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. bdy. of Tp., 4 lks. W. of the cor. of secs. 1, 2, 35 and 36, established by me, as described in Book "A."  
 Thence I run,  
 S. 0° 01' W., on a true line, bet. secs. 1 and 2.  
 Over level land.
- .80 Dry wash, 20 lks. wide, 2 ft. banks, course S. 20° E.  
 35.00 Dry wash, 10 lks. wide, 2 ft. banks, course S. 20° 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 2 in W., and  
 S 1 in E. half;  
 1914 in S. rim;

## 6. Subdivision of Township 7 North, Range 11 West.

Chains.

	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.
44.00	Dry wash, 15 lks. wide, 2 ft. banks, course S. 20° E.
80.00	Cor. of secs. 1, 2, 11 and 12. Land, level. Soil, gravelly, 2nd rate.
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	April 29, 1914: At 8h. a.m., l.m.t., I set off 14° 21' N. on the decl. arc; 33° 54' 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.K. Kierulff, as described in Book "A." Thence I run, N. 0° 01' W., bet. secs. 34 and 35. 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 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, west of cor.
69.60	Road brs. N. 80° W. and S. 80° E.
72.60	Road brs. 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, with brass cap, marked, T 7 N R 11 W in N. half; S 27 in NW., S 26 in NE., S 35 in SE., and S 34 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. Timber, none. Undergrowth, greasewood and mesquite brush, 4 to 8 ft. high. Club cactus.
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	East, on a random line, bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 25, 26, 35 and 36. Thence I run, S. 89° 59' W., on a true line, bet. secs. 26 and 35. 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 26 in N., and S 35 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.
41.35	Old road brs. N. 80° E. and S. 70° W.
80.06	Cor. of secs. 26, 27, 34 and 35. Land, level. Soil, sandy adobe, 2nd rate. No timber. Undergrowth, greasewood 4 to 5 ft. high. Club cactus.
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Chains.

N.0°01' W., bet. secs.26 and 27.  
 Over level land, through greasewood brush.  
 17.00 Leave brush, and enter open.  
 27.00 Dry wash, 80 lks.wide, 3 ft.banks, course S.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 27 in W., and  
 S 26 in E.half;  
 1914 in S.rim;  
 dig pits 18x18x12 ins., N. and S.of cor., 3ft.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. 22, 23, 26 and 27, with  
 brass cap, marked,  
 T 7 N R 11 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. $5\frac{1}{2}$  ft. dist.,and  
 raise a mound of earth 4 ft.base, 2 ft.high, west of  
 cor.  
 Land,level.  
 Soil, adobe, 2nd rate.  
 Timber, scattering mesquite along wash.  
 Undergrowth, club cactus.

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 East, on a random line, bet. secs.23 and 26.  
 40.00 Set temp. $\frac{1}{4}$  sec.cor.  
 80.02 Intersect N.and S.line, 3 lks.S.of the cor.of secs.23,  
 24, 25 and 26.  
 Thence I run,  
 S.89° 59' W., on a true line, bet. secs.23 and 26.  
 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., 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,  
 north of cor.  
 80.02 Cor.of secs.22,23,26 and 27.  
 Land,level.  
 Soil, adobe, 2nd rate.  
 No timber.  
 Undergrowth, scattering mesquite brush;club cactus.

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 N.0°01' W., bet. secs. 22 and 23.  
 Over level land.  
 10.00 Dry wash, 10 lks.wide, 2 ft.banks, course S.20° W.  
 20.00 Enter greasewood and mesquite 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., 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,  
 west of cor.  
 At this cor., I set off 14° 23 $\frac{1}{2}$ ' N.on the decl.arc;;and  
 at llh. 57.5m. a.m.,l.m.t., observe the sun on the  
 meridian; the resulting lat.is 33° 56'N.

## BOOK 2843

8. Subdivision of Township 7 North, Range 11 West

Chains.

80.00 Set an iron post 3 ft. long, 2 in. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap, marked,  
 T 7 N R 11 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. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W of cor.  
 Land, level.  
 Soil, sandy and adobe, 2nd rate.  
 No timber.  
 Undergrowth, greasewood brush, 4 to 6 ft. high.

East, on a random line, bet. secs. 14 and 23.  
 40.00 Set temp. ¼ sec. cor.  
 80.00 Intersect cor. of secs. 13, 14, 23 and 24.  
 Thence I run,  
 West, on a true line, bet. secs. 14 and 23.  
 Over level land.  
 28.30 Old road, brs. N. 40° E. and S. 40° 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 14 in N. half; 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 3½ ft. base, 1½ ft. high, N. of cor.  
 71.15 Dry wash, 15 lks. wide, 2 ft. banks, course S. 5° E.  
 80.00 Cor. of secs. 14, 15, 22 and 23.  
 Land, level.  
 Soil, adobe, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.

N. 0° 1' W., bet. secs. 14 and 15.  
 Over level land.  
 13.60 Dry wash, 15 lks. wide, 2 ft. banks, course S. 5° E.  
 36.00 Dry wash, 10 lks. wide, 2 ft. banks, course S. 10° E.  
 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 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 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. 10, 11, 14 and 15, with brass cap, marked,  
 T 7 N R 11 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. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.

Chains.

Land, level.  
Soil, sandy and gravelly, 2nd rate.  
Undergrowth, greasewood and mesquite.

- 
- 40:00 East, on a random line, bet. secs. 11 and 14.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80:00 Intersect N. and S. line, 5 lks. south of the cor. of secs. 11, 12, 13 and 14.  
Thence I run,  
S.  $89^{\circ}58'$  W., on a true line, bet. secs. 11 and 14.  
Over level land.
- 39:70 Dry wash, 15 lks. wide,  $1\frac{1}{2}$  ft. banks, course south.
- 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  $18 \times 18 \times 12$  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, north of cor.
- 80:00 Cor. of secs. 10, 11, 14 and 15.  
Land, level.  
Soil, sandy and gravelly, 2nd rate.  
No timber.  
Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.

April 29, 1914.

- 
- May 1, 1914:  
N.  $0^{\circ}01'$  W., bet. secs. 10 and 11.  
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 10 in W., and  
S 11 in E. half;  
1914 in S. rim;  
dig pits  $18 \times 18 \times 12$  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, 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. 2, 3, 10 and 11, with brass cap, marked,  
T 7 N, R 11 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  $18 \times 18 \times 12$  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, gravelly, 2nd rate.  
Timber, scattering mesquite.  
Undergrowth, greasewood, 4 to 6 ft. high.

- 
- 40:00 East, on a random line, bet. secs. 2 and 11.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80:01 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 1, 2, 11 and 12.  
Thence I run,

## 10. Subdivision of Township 7 North Range 11 West.

Chains.

S.89°59'W., on a true line, bet. secs. 2 and 11.  
Over level land.

10.80 Dry wash, 25 lks.wide, 1 ft.banks, course south.

40.005 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, north of cor.

45.00 Dry wash, 20 lks.wide, 2 ft.banks, course S.10°E.

66.20 Dry wash, 20 lks.wide, 2 ft.banks, course S.20°E.

80.01 Cor.of secs.2,3,10 and 11.  
Land,level.  
Soil,gravelly,2nd rate.  
Timber, very scattering mesquite.  
Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.

May 1, 1914.

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May 2, 1914:  
At 10h. a.m., l.m.t., I set off 15° 17' N. on the decl. arc; 33° 58' N. on the lat.arc; and determine a meridian with the solar at the cor.of secs. 2,3,10 and 11.

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

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

80.00 Intersect N.bdy. of Tp., 1 link W.of cor. of secs.2,3,34 and 35, established by me, as described in Book "A." Thence I run, South, on a true line, bet. secs. 2 and 3.  
Over level land.

11.00 Dry wash, 20 lks.wide, 1 ft.banks, course SE.

15.00 Dry wash, 20 lks.wide, 1 ft. banks, course SW.

18.00 Dry wash, 20 lks.wide, 1 ft.banks, course SE.

26.80 Dry wash, 20 lks.wide, 1 ft.banks, course SW.

34.00 Dry wash, 20 lks.wide, 1 ft.banks, course S.10° 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 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, west of cor.

50.00 Dry wash, 20 lks.wide, 1 ft. banks, course S.10° E.

54.00 Dry wash, 15 lks.wide, 1 ft. banks, course S.10° E.

57.00 Dry wash, 10 lks.wide, 1 ft. banks, course S.10° E.

80.00 Cor.of secs.2, 3, 10 and 11.  
Land,level.  
Soil, gravelly, 3rd rate.  
Timber, scattering palo verde, and mesquite.  
Undergrowth, greasewood and mesquite brush.

May 2, 1914.

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April 30, 1914.  
At 9h. a.m., l.m.t., I set off 14° 40' N. on the decl. arc; 33° 54' N. on the lat.arc; and determine a meridian with the solar at the cor.of secs.3,4,33 and 34, on south bdy.of Tp., established by W.K.Kierulff, as described in Book "A." Thence I run, N.0°02' W., bet. secs.33 and 34.  
Over level land, through greasewood brush.

34.00 Old road, brs.N.10°W. and S.10°E.

Subdivision of Township 7 North, Range 11 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 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, west of cor.
47.10	Old road brs.E.and W.
51.50	Adobe house brs. W.4.00 chs.
55.20	Old road brs.E.and W.
60.00	Well brs.W.6.00 chs., 250 ft.deep.
64.80	Wire fence brs.N.70°E. and S.70° W., extending west 3.00 chs. and E.6.00 chs.
66.00	Dry wash, 30 lks.wide, 2 ft.banks, course S.70°W.
74.00	Dry wash, 10 lks.wide, 2 ft.banks, course S.70°W.
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 7 N R 11 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, sandy adobe, 2nd rate. Timber, none. Undergrowth, greasewood and mesquite brush. Club cactus.
-----	
	East, on a random line, bet. secs.27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.02	Intersect N.and S. line, 2 lks.S.of the cor.of secs.26, 27, 34 and 35.
	Thence I run, S.89°59'W., on a true line, bet. secs.27 and 34. 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., 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.
43.40	Dry wash, 20 lks.wide, 2 ft.banks, course S.70°W.
53.00	Dry wash, 15 lks.wide, 2 ft.banks, course S.70°W.
67.00	Dry wash, 10 lks.wide, 2 ft.banks, course S.70°W.
71.00	Dry wash, 15 lks.wide, 2 ft.banks, course S.70°W.
77.50	Wire fence brs.NW. and SE.
80.02	Cor.of secs.27, 28, 33 and 34.
	Land, level. Soil, adobe, 2nd rate. Timber, none. Undergrowth, greasewood and mesquite brush. Club cactus.
-----	
	N.0°02'W., bet. secs.27 and 28. Over level land.
1.40	Wire fence brs.N.70°E. and S.70°W., extending W., 8.00 chs. and E. 1.50 chs.

## 12. Subdivision of Township 7 North, Range 11 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 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, 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. 21, 22, 27 and 28, with brass cap, marked,  
 T 7 N R 11 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, sandy adobe, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and mesquite.

- East, on a random line, bet. secs. 22 and 27.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line, 2 lks. S of the cor. of secs. 22, 23, 26 and 27.  
 Thence I run,  
 S.  $89^{\circ} 59' W.$ , on a true line, bet. secs. 22 and 27.  
 Over level land.
- 7.00 Old road, brs. NE. and SW.
- 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 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.
- 80.00 Cor. of secs. 21, 22, 27 and 28.  
 Land, level.  
 Soil, sandy, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.  
 At this cor., I set off  $14^{\circ} 42' N.$  on the decl. arc; and at 11h. 57.2m. a.m., l.m.t., I observe the sun on the meridian; the resulting lat. is  $33^{\circ} 55\frac{1}{2}' N.$

- N.  $0^{\circ} 02' W.$ , 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  $\frac{1}{4}$  sec. cor., with brass cap, marked,  
 $\frac{1}{4}$  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  $3\frac{1}{2}$  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, with brass cap, marked,  
 T 7 N R 11 W in N. half;

Subdivision of Township 7 North, Range 11 West, 13.

Chains.

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. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, west of  
cor.

Land, level.  
Soil, sandy, 2nd rate.  
No timber.  
Undergrowth, greasewood brush, 4 to 5 ft. high.

-----  
East, on a random line, bet. secs. 15 and 22.  
40.00 Set temp. 1/4 sec. cor.  
80.01 Intersect cor. of secs. 14, 15, 22 and 23.  
Thence I run,  
West, on a true line, bet. secs. 15 and 22.  
Over level land.  
5.20 Dry wash, 10 lks. wide, 2 ft. banks, course south.  
40.005 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 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.  
46.00 Dry wash, 15 lks. wide, 2 ft. banks, course south.  
64.00 Dry wash, 15 lks. wide, 2 ft. banks, course south.  
71.00 Dry wash; 10 lks. wide, 1 ft. banks, course south.  
80.01 Cor. of secs. 15, 16, 21 and 22.  
Land, level.  
Soil, sandy, 2nd rate.  
Timber, none.  
Undergrowth, greasewood and mesquite.

-----  
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 3 1/2 ft. base, 1 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. 9, 10, 15 and 16, with  
brass cap, marked,  
T 7 N R 11 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 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.  
Timber, scattering mesquite.  
Undergrowth, greasewood and mesquite brush, 4 to 6 ft.  
high.

## 14. Subdivision of Township 7 North, Range 11 West.

Chains.

	East, on a random line, bet. secs.10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.00	Intersect N.and S. line, 2 lks.south of the cor.of secs. 10,11,14 and 15.
	Thence I run, S.89°59'W., on a true line, bet. secs.10 and 15. Over level land.
21.80	Dry wash, 15 lks.wide, 1 ft.banks, course south.
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 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.
46.80	Dry wash, 10 lks.wide, 1 ft. banks, course south.
57.80	Dry wash, 15 lks.wide, 1 $\frac{1}{2}$ ft. banks, course south.
76.00	Dry wash, 10 lks.wide, 1 ft.banks, course south.
80.00	Cor.of secs.9,10,15 and 16. Land,level. Soil, sandy, 2nd rate. Timber, scattering mesquite. Undergrowth, greasewood and mesquite brush. April 30,1914.
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	May 2, 1914: N.0°02'W., bet. secs. 9 and 10. Over level land.
12.70	Dry wash, 10 lks.wide, 1 ft.banks, course 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 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, west of cor.
59.40	Dry wash, 15 lks.wide, 1 ft.banks, course S.20°E.
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 7 N R 11 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, gravelly, 2nd rate. Timber, scattering mesquite. Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.
-----	
	East, on a random line, bet. secs.3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.02	Intersect N.and S. line, 2 lks.S.of the cor.of secs.2,3, 10 and 11.
	Thence I run, S.89°59'W., on a true line, bet. secs.3 and 10. Over level land.
14.60	Dry wash, 20 lks.wide, 2 ft.banks, course S.10°E.



Subdivision of Township 7 North, Range 11 West. 15.

Chains.

36.80 Dry wash, 20 lks.wide, 1½ ft.banks, course S.10°E.  
 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 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 3½ ft. base, 1½ ft. high, north of cor.  
 50.30 Dry wash, 15 lks.wide, 2 ft.banks, course south.  
 55.40 Dry wash, 25 lks.wide, 2 ft.banks, course S.10°E.  
 72.65 Dry wash, 15 lks.wide, 1 ft.banks, course S.10°E.  
 80.02 Cor.of secs. 3,4,9 and 10.  
 Land,level.  
 Soil, gravelly, 2nd rate.  
 Timber, very scattering mesquite.  
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.

-----  
 N.0° 02' W., on a random line, bet. secs.3 and 4.  
 40.00 Set temp.¼ sec.cor.  
 80.00 Intersect north bdy.of Tp., 1 link west of the cor.of secs.3,4,33 and 34, established by me, as described in Book "A."  
 Thence I run,  
 S.0°02'E., on a true line, bet. secs.3 and 4.  
 Over level land.  
 4.00 Dry wash, 30 lks.wide, 3 ft.banks, course S.20°E.  
 15.00 Dry wash, 25 lks.wide, 2 ft.banks, course S.20°E.  
 21.00 Dry wash, 20 lks.wide, 1 ft.banks, course S.20°E.  
 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 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 3½ ft. base, 1½ ft. high, west of cor.  
 43.60 Dry wash,20 lks.wide, 2 ft.banks, course S.20°E.  
 74.00 Dry wash, 15 lks.wide, 1 ft.banks, course S.20°E.  
 80.00 Cor.of secs.3,4,9 and 10.  
 Land,level.  
 Soil, gravelly, 3rd rate.  
 Timber, scattering palo verde and mesquite.  
 Undergrowth, greasewood and mesquite brush.  
 Giant cactus.  
 At this cor.I set off 15°18½'N. on decl,arc; and at 11h. 57m. a.m.,l.m.t., I observe the sun on the meridian; the resulting lat.is 33°58' N.  
 May 2, 1914.  
 (To be continued).

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 May 1, 1914:  
 At 8h. a.m.,l.m.t., I set off 14° 58' N.on the decl.arc; 33°54'N.on the lat.arc; and determine a meridian with the solar at the cor.of secs.4,5,32 and 33 on south hdy.of Tp.,established by W.K.Kierulff,as described in Book "A."  
 Thence I run,  
 N.0°02'W., bet. secs.32 and 33.  
 Over level land.  
 11.60 Old road brs.N.50°E. and S.50°W.  
 15.00 Dry wash, 10 lks.wide,1 ft.banks, course SW.  
 29.70 Dry wash, 60 lks.wide, 4 ft.banks, course 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.

## 16. Subdivision of Township 7 North, Range 11 West.

Chains.

	<p> <math>\frac{1}{4}</math> S 32 in W., and  <math>\frac{1}{4}</math> 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 <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W.  of cor. </p>
69.70	Old road brs. N. $60^{\circ}$ W. and S. $60^{\circ}$ E.
80.00	<p> 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, </p> <p> T 7 N, R 11 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. <math>5\frac{1}{2}</math> ft. dist., and  raised mound of earth 4 ft. base, 2 ft. high, west of  cor. </p> <p> Land, level.  Soil, adobe and sand, 2nd rate.  Timber, scattering mesquite.  Undergrowth, greasewood and mesquite brush, 4 to 5 ft.  high. </p>
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40.00	East, on a random line, bet. secs. 28 and 33.
80.02	<p> Set temp. <math>\frac{1}{4}</math> sec. cor.  Intersect N. and S. line, 2 lks. S. of the cor. of secs. 27,  28, 33 and 34.  Thence I run,  S. <math>89^{\circ} 59'</math> W. on a true line, bet. secs. 28 and 33.  Over level land. </p>
2.40	Wire fence, brs. NE. and SW.
16.00	Road brs. N. and S.
24.00	Old road brs. N. $10^{\circ}$ E. and S. $10^{\circ}$ W.
40.01	<p> Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  the ground for <math>\frac{1}{4}</math> sec. cor., with brass cap, marked,  <math>\frac{1}{4}</math> S 28 in N., and  <math>\frac{1}{4}</math> 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 <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high,  north of cor. </p>
80.02	<p> Cor. of secs. 28, 29, 32 and 33.  Land, level.  Soil, sandy adobe, 2nd rate.  No timber.  Undergrowth, greasewood brush, 4 ft. high. </p>
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40.00	<p> N. <math>0^{\circ} 02'</math> W., bet. secs. 28 and 29.  Over level land.  Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap, marked,  <math>\frac{1}{4}</math> 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 <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W.  of cor. </p>
54.20	Dry wash, 10 lks. wide, 1 ft. banks, course S. $20^{\circ}$ E.
80.00	<p> 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, with brass  cap, marked, </p> <p> T 7 N R 11 W in N. half;  S 20 in NW. </p>

Subdivision of Township 7 North, Range 11 West, 17.

Chains.

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. 5½ 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 and mesquite brush, 4 to 6 ft.  
 high.

40.00 East, on a random line, bet. secs. 21 and 28.  
 Set temp. ¼ sec. cor.  
 80.03 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 21,  
 22, 27 and 28.

Thence I run,  
 S. 89° 59' W., on a true line, bet. secs. 21 and 28.  
 Over level land.  
 30.60 Road brs. N. 10° E. and S. 10° W.  
 40.015 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 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 3½ ft. base, 1½ ft. high,  
 north of cor.

63.00 Road brs. N. 30° E. and S. 30° W.  
 80.03 Cor. of secs. 20, 21, 28 and 29.  
 Land, level.  
 Soil, sandy, 2nd rate.  
 No timber.  
 Undergrowth, greasewood brush, 4 to 5 ft. high.

N. 0° 02' W., bet. secs. 20 and 21.  
 Over level land.  
 26.80 Road brs. N. 30° W. and S. 30° E.  
 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 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 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. 16, 17, 20 and 21, with  
 brass cap, marked,  
 T 7 N R 11 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. 5½ 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 and mesquite brush.  
 Cloudy at noon, this day, rendering observation for lat.  
 impossible.

## 18. Subdivision of Township 7 North, Range 11 West.

Chains.

- East, on a random line, bet. secs.16 and 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.02 Intersect N.and S. line, 3 lks.S.of the cor.of secs.15,  
 16, 21 and 22.  
 Thence I run,  
 S.89°59'W., on a true line, bet. secs.16 and 21.  
 Over level land.  
 16.00 Dry wash, 10 lks.wide, 1 ft.banks, course south.  
 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 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,  
 north of cor.  
 55.70 Road brs.N.and S.  
 80.02 Cor.of secs.16,17,20 and 21.  
 Land,level.  
 Soil, sandy, 2nd rate.  
 No timber.  
 Undergrowth, greasewood 4 to 5 ft.high.

- N.0°02' W., bet. secs.16 and 17.  
 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 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,  
 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.8,9,16 and 17, with brass  
 cap, marked,  
 T 7 N,R 11 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 and gravelly, 2nd rate,  
 No timber.  
 Undergrowth, greasewood brush, 4 to 6 ft.high.

- East, on a random line, bet. secs.9 and 16.  
 40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.01 Intersect N.and S. line, 2 lks.S.of the cor.of secs.9,  
 10,15 and 16.  
 Thence I run,  
 S.89°59'W., on a true line, bet. secs.9 and 16.  
 Over level land.  
 40.005 Set an ironpost 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.

Subdivision of Township 7 North, Range 11 West. 19.

Chains.

41.20 Dry wash, 20 lks.wide, 2 ft.banks, course south.  
 47.70 Dry wash, 20 lks.wide, 2 ft.banks, course south.  
 77.30 Road brs.N.and S.  
 79.08 Dry wash, 15 lks.wide, 1 ft.banks, course S.20°E.  
 80.01 Cor.of secs.8,9,16 and 17.  
 Land,level.  
 Soil, gravelly, 2nd rate.  
 Timber, scattering mesquite.  
 Undergrowth, greasewood brush, 4 to 6 ft.high.

N.0°02'W., bet. secs.8 and 9.  
 Over level land.

.90 Dry wash, 10 lks.wide, 1 ft. banks, course S.10° E.  
 11.00 Road brs.N.30°W. and S.30°E..  
 37.00 Dry wash, 15 lks.wide, 1 ft. banks, course S.30° 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,  
 $\frac{1}{2}$  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,  
 west of cor.

52.00 Dry wash, 10 lks.wide, 1 ft.banks, course S.20°E.  
 64.00 Dry wash, 15 lks.wide, 2 ft.banks, course S.20°E.  
 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.7 N,R.11 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, gravelly, 2nd rate.  
 Timber, scattering mesquite.  
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft.  
 high.

May 1, 1914.

May 2,1914, continued.  
 East, on a random line, bet. secs.4 and 9.

40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.02 Intersect N.and S. line, 2 lks.S.of the cor.of secs.3,4,  
 9 and 10.  
 Thence I run,  
 S.89° 59'W., on a true line, bet. secs.4 and 9.  
 Over level land.  
 26.00 Dry wash, 20 lks.wide, 2 ft.banks, course S.10°E.  
 34.00 Dry wash, 20 lks.wide, 2 ft.banks, course S.10° E.  
 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,  
 $\frac{1}{2}$  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.  
 45.20 Dry wash, 30 lks.wide, 2 ft.banks, course south.  
 48.30 Dry wash, 15 lks.wide, 2 ft.banks, course south.

20. Subdivision of Township 7 North, Range 11 West.

Chains.

55.00 Dry wash, 10 lks.wide, 3 ft.banks, course south.  
 61.00 Dry wash, 10 lks.wide, 3 ft.banks, course south.  
 68.25 Dry wash, 10 lks.wide, 2 ft.banks, course south.  
 70.00 Dry wash, 15 lks.wide, 2 ft.banks, course south.  
 78.00 Dry wash, 10 lks.wide, 4 ft.banks, course S.10°E.  
 80.02 Cor.of secs.4,5,8 and 9.  
 Land, level.  
 Soil, gravelly, 2nd rate.  
 Timber, scattering mesquite.  
 Undergrowth, greasewood and mesquite brush.

40.00 N.0°02'W., on a random line, bet. secs.4 and 5.  
 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.00 Intersect N.bdy.of Tp., 8 lks.W.of the cor.of secs.4,5,  
 32 and 33, established by me, as described in Book "A."  
 Thence I run,  
 S.0° 01' W., on a true line, bet. secs. 4 and 5.  
 Over level land.  
 29.00 Dry wash, 30 lks.wide, 4 ft.banks, course S.30° E.  
 34.00 Dry wash, 10 lks.wide, 2 ft.banks, course S.10°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 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.  
 61.65 Dry wash, 10 lks.wide, 4 ft.banks, course S.20°E.  
 73.00 Dry wash, 10 lks.wide, 4 ft.banks, course S.10°E.  
 80.00 Cor.of secs.4,5,8 and 9.  
 Land, level.  
 Soil, rocky and gravel, 3rd rate.  
 Timber, palo verde, ironwood and mesquite on north-half.  
 Undergrowth, greasewood and mesquite brush.  
 Giant cactus. May 2, 1914.

May 15, 1914:  
 At 9h. a.m., l.m.t., I set off 18°47' N.on the decl.arc;  
 33°54' 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 Tp., established by W.K.Kierulff,  
 as described in Book "A."  
 Thence I run,  
 N.0°03'W., bet. secs.31 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 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,  
 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.29,30,31 and 32, with  
 brass cap, marked,  
 T 7 N R 11 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.,,

Subdivision of Township 7 North Range 11 West. 21.

Chains.

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 4 to 5 ft. high.

40.00 East, on a random line, bet. secs. 29 and 32.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.01 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 28, 29, 32 and 33.  
Thence I run,  
S.  $89^{\circ} 59'$  W. on a random line, bet. secs. 29 and 32.  
Over level land.  
6.20 Dry wash, 20 lks. wide, 2 ft. banks, course south.  
20.80 Dry wash, 10 lks. wide, 1 ft. banks, course south.  
40.005 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  
S 32 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, north of cor.  
40.20 Dry wash, 10 lks. wide, 1 ft. banks, course S.  $20^{\circ}$  W.  
80.01 Cor. of secs. 29, 30, 31 and 32.  
Land, level.  
Soil, sandy, 2nd rate.  
No timber.  
Undergrowth, greasewood brush 4 to 6 ft. high.

The cor. of secs. 25, 30, 31 and 36 on the west bdy. of the Tp., being plainly visible, I run for said cor., S.  $89^{\circ} 59'$  W., on a true line, bet. secs. 30 and 31.  
Over level land.  
33.80 Dry wash, 15 lks. wide, 1 ft. banks, course S.  $10^{\circ}$  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 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.  
77.15 Intersect west bdy. of Tp. at the cor. of secs. 25, 30, 31 and 36, established by W. K. Kierulff, as described in Book "A."  
Land, level.  
Soil, sandy, 2nd rate.  
No timber.  
Undergrowth, greasewood brush, 4 to 6 ft. high.

N.  $0^{\circ} 03'$  W., bet. secs. 29 and 30.  
Over level land, through greasewood 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., 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,

## 22 Subdivision of Township 7 North, Range 11 West.

Chains.	
80.00	<p>West of cor. 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 7 N R 11 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;  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, 2nd rate.  No timber.  Undergrowth, greasewood brush 4 to 6 ft. high.</p>
40.00	<p>East, on a random line, bet. secs. 20 and 29. Set temp. ¼ sec. cor.</p>
79.96	<p>Intersect N. and S. line, 2 lks. S. of the cor. of secs. 20, 21, 28 and 29. Thence I run, S. 89° 59' W., on a true line, bet. secs. 20 and 29. Over level land.</p>
12.65	<p>Dry wash, 35 lks. wide, 1 ft. banks, course south.</p>
39.98	<p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., with brass cap, marked,  ½ 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 raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p>
44.75	<p>Dry wash, 10 lks. wide, 1 ft. banks, course S. 5° W.</p>
79.96	<p>Cor. of secs. 19, 20, 29 and 30. Land, level. Soil, sandy, 2nd rate. No timber. Undergrowth, greasewood brush 4 to 6 ft. high.</p>
37.50	<p>The cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the Tp., being plainly visible, I run for said cor., S. 89° 59' W., on a true line, bet. secs. 19 and 30. Over level land.</p>
40.00	<p>Dry wash, 15 lks. wide, 1 ft. banks, course south. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., with brass cap, marked,  ½ 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, 3½ ft. base, 1½ ft. high, north of cor.</p>
77.06	<p>Intersect west bdy. of Tp., at the cor. of secs. 19, 24, 25, and 30, established by W. K. Kierulff, as described in Book "A." Land, level. Soil, sandy, 2nd rate. No timber. Undergrowth, greasewood, 4 to 6 ft. high.</p>



Subdivision of Township 7 North Range 11 West. 23.

Chains 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  $\frac{1}{4}$  sec. cor., with brass cap, marked,  
 S 19 in W. and S 20 in E. half; 1914 in S. rim;  
 40.00 Set 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. 17, 18, 19 and 20, with brass cap,  
 marked, T 7 N R 11 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.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, sandy, 2nd rate.  
 Timber, scattering mesquite.  
 Undergrowth, greasewood brush, 4 to 6 ft. high.

East, on a random line, bet. secs. 17 and 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 16, 17,  
 20 and 21.  
 Thence I run,  
 S. 89°59'W., on a true line, bet. secs. 17 and 20.  
 Over level land.  
 21.90 Dry wash, 15 lks. wide, 1 ft. banks, course south.  
 36.40 Old road brs. N. 20°W. and S. 20°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 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 49.50 Dry wash, 30 lks. wide, 1 ft. banks, course south.  
 55.30 Dry wash, 10 lks. wide, 1 ft. banks, course south.  
 80.00 Cor. of secs. 17, 18, 19 and 20.  
 Land, level.  
 Soil, sandy, 2nd rate.  
 No timber.  
 Undergrowth, greasewood brush, 4 to 6 ft. high.

Cor. of secs. 13, 18, 19 and 24, on west bdy. of Tp. being  
 plainly visible, I run for said cor.,  
 S. 89°57'W., on a true line, bet. secs. 18 and 19.  
 Over level land.  
 32.00 Dry wash, 15 lks. wide, 1 ft. banks, course S. 10°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 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 64.50 Dry wash, 20 lks. wide, 1 ft. banks, course south.  
 76.97 Intersect west bdy. of Tp. at the cor. of secs. 13, 18, 19  
 and 24, established by W. K. Kierulff, as described  
 in Book "A."  
 Land, level.  
 Soil, sandy, with gravel, 2nd rate.  
 Timber, scattering ironwood and mesquite.  
 Undergrowth, greasewood and mesquite brush.  
 Made no noon observation this day, as I was going between  
 points at that time.

May 15, 1914.

## 24. Subdivision of Township 7 North Range 11 West

Chains.

- May 16, 1914.  
At 9h.a.m., 1.m.t., I set off  $19^{\circ}01'$  N. on the decl. arc;  
 $33^{\circ}56'$  N. on the lat. arc, and determine a meridian  
with the solar at the cor. of secs. 17, 18, 19 and 20.  
Thence I run,  
N.  $0^{\circ}03'$  W., bet. secs. 17 and 18.  
Over level land,  
31.60 Dry wash, 20 lks. wide, 2 ft. banks, course S.  $20^{\circ}$  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 18 in W., and  
 $\frac{1}{4}$  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.  
47.80 Dry wash, 10 lks. wide, 3 ft. banks, course S.  $20^{\circ}$  E.  
66.20 Old road, brs. 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. 7, 8, 17 and 18, with brass  
cap, marked,  
T 7 N R 11 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, west of  
cor.  
Land, level.  
Soil, gravelly, 2nd rate.  
Timber, scattering palo verde and ironwood.
- 
- 40.00 East, on a random line, bet. secs. 8 and 17.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.96 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 8, 9,  
16 and 17.  
Thence I run,  
S.  $89^{\circ}59'$  W., on a true line, bet. secs. 8 and 17.  
Over level land.  
39.98 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,  
north of cor.  
51.75 Dry wash, 10 lks. wide, 3 ft. banks, course S.  $20^{\circ}$  E.  
60.25 Dry wash, 10 lks. wide, 3 ft. banks, course S.  $20^{\circ}$  E.  
68.15 Dry wash, 30 lks. wide, 4 ft. banks, course S.  $20^{\circ}$  E.  
79.96 Cor. of secs. 7, 8, 17 and 18.  
Land, level.  
Soil, gravelly, 3rd rate.  
Timber, scattering palo verde, ironwood and catclaw.  
Undergrowth, greasewood brush, ocotillo and giant cactus.
- 
- Cor. of secs. 7, 12, 13 and 18 on west bdy. of Tp., being  
plainly visible, I run for said cor.,  
S.  $89^{\circ}57'$  W., on a true line, bet. secs. 7 and 18.  
Over level land.  
14.40 Old road brs. NW. and SE.  
24.50 Ravine, 20 lks. wide, 4 ft. deep, course S.  $20^{\circ}$  E.  
39.00 Dry wash, 20 lks. wide, 2 ft. banks, course south.

Subdivision of Township 7 North, Range 11 West, 25.

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 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.

47.12 Dry wash, 15 lks. wide, 1 ft. banks, course south.

75.50 Dry wash, 15 lks. wide, 1 ft. banks, course S. 10° E.

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

Land, level.  
Soil, gravelly and rocky, 3rd rate.  
Timber, palo verde, ironwood, mesquite and catclaw.  
Undergrowth, greasewood brush, ocotillo and suhuara cactus.

N. 0° 03' W., bet. secs. 7 and 8.  
Over level land.

5.00 Dry wash, 40 lks. wide, 3 ft. banks, course S. 60° E.

17.50 Dry wash, 30 lks. wide, 5 ft. banks, course S. 30° E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground (could not set deeper for solid rock) build mound of earth and stone 2 ft. base, 1 ft. high around post 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.

58.20 Dry wash, 20 lks. wide, 1 ft. banks, course S. 30° E.

65.00 Dry wash, 100 lks. wide, 4 ft. banks, course S. 30° E.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 1 ft. in the ground (could not set deeper for solid rock) build mound of stone 3 ft. base, 2 ft. high around post for cor. of secs. 5, 6, 7 and 8, with brass cap, marked, T 7 N R 11 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; pits impracticable. Build a mound of stone 4 ft. base, 3 ft. high, west of cor.

Land, rolling.  
Soil, gravel and rocky, 3rd rate.  
Timber, palo verde, ironwood and catclaw.  
Undergrowth, greasewood brush.  
Ocotillo and giant cactus.  
At this cor., I set off 19° 03' N. on decl. arc, and at 11h. 56.2m. a.m., 1.m.t., I observe the sun on the meridian; the resulting lat. is 33° 58' N.

East, on a random line, bet. secs. 5 and 8.

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

80.01 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.  
Thence I run, S. 89° 59' W., on a true line, bet. secs. 5 and 8.  
Over level land.

6.70 Dry wash, 20 lks. wide, 1 ft. banks, course S. 10° E.

10.00 Dry wash, 10 lks. wide, 2 ft. banks, course S. 10° E.

## 26. Subdivision of Township 7 North, Range 11 West.

## Chains.

- 14.00 Dry wash, 10 lks.wide, 1 ft.banks, course south.  
 20.50 Old road brs.N.20°W. and S.20°E.  
 27.30 Dry wash, 15 lks.wide, 1 ft.banks, course S.10°E.  
 40.005 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  
 $\frac{1}{4}$  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,  
 north of cor.  
 44.36 Dry wash, 10 lks.wide, 1 ft. banks, course south.  
 55.00 Dry wash, 20 lks.wide, 1 ft.banks, course S.20°E.  
 58.70 Dry wash, 15 lks.wide, 3 ft.banks, course S.20°E.  
 62.00 Dry wash, 10 lks.wide, 3 ft.banks, course S.20° E.  
 80.01 Cor.of secs.5,6,7 and 8.  
 Land,rolling.  
 Soil, gravel and rocky, 3rd rate.  
 Timber, palo verde, ironwood and catclaw.  
 Undergrowth, greasewood brush,ocotillo and giant cactus.

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 West, on a random line, bet. secs.6 and 7.

- 40.00 Set temp. $\frac{1}{4}$  sec.cor.  
 76.86 Intersect west bdy.of Tp., 12 lks.N.of the cor.of secs.  
 1,6,7 and 12, established by W.K.Kierulff, as described  
 in Book "A."  
 Thence I run,  
 N.89°55'E., on a true line, bet. secs.6 and 7.  
 Over rolling land.  
 10.35 Ravine, 80 lks.wide, 8 ft.deep, course S.20°E.  
 24.45 Ravine, 130 lks.wide, 10 ft.deep, course S.20°E.  
 26.85 Ravine, 160 lks.wide, 12 ft.deep, course S.20° E.  
 31.85 wash, 15 lks.wide, 1 ft.banks., course S.20°E.  
 36.86 Set an iron post 3 ft.long, 1 in. in diam., 12 ins. in  
 the ground (could not set deeper for solid rock);  
 build mound of stone 2 ft.base,  $1\frac{1}{2}$  ft. high around  
 post for  $\frac{1}{4}$  sec.cor.,with brass cap, marked,  
 $\frac{1}{4}$  S 6 in N., and  
 $\frac{1}{4}$  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 and stone  $3\frac{1}{2}$  ft.base,  $1\frac{1}{2}$   
 ft.high N.of cor.  
 45.05 Dry wash,10 lks.wide, 3 ft.banks, course S.20°E.  
 54.45 Dry wash, 20 lks.wide, 2 ft.banks, course S.40°E.  
 55.05 Ravine, 150 lks.wide, 10 ft. deep, course S.40°E.  
 76.45 Dry wash, 20 lks.wide, 2 ft.banks, course S.40°E.  
 76.86 Cor.of secs. 5,6,7 and 8.  
 Land, rolling.  
 Soil, rocky, 3rd rate.  
 Timber, palo verde, ironwood and catclaw.  
 Undergrowth, greasewood, ocotillo and giant cactus.

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

- 40.00 Set temp. $\frac{1}{4}$  sec.cor.  
 79.98 Intersect N.bdy.of Tp., 6 lks.W.of the cor.of secs.5,6,  
 31 and 32, established by me, as described in Book "A."  
 Thence I run,  
 South, on a true line, bet.secs. 5 and 6.  
 Over rolling land.  
 9.95 Ravine, 15 lks.wide, 6 ft.deep, course S.30°E.  
 12.75 Ravine, 15 lks.wide, 4 ft.deep, course S.30°E.  
 17.95 Ravine, 10 lks.wide, 4 ft.deep, course S.30°E.  
 21.95 Enter dry wash, course SE.

Subdivision of Township 7 North, Range 11 West. 27.

Chains.

31.95 Leave dry wash.  
 38.35 Ravine, 20 lks.wide, 6 ft.banks, course S·30°E.  
 39.98 Set an iron post 3 ft.long, 1 in. in diam., 12 ins. in the ground (could not set deeper for solid rock); build a mound of stone 3 ft.base, 2 ft.high around post 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; pits impracticable. Build a mound of stone 3 ft. base, 3 ft.high, west of cor.  
 51.45 Ravine, 50 lks.wide, 7 ft.deep, course S·30° E.  
 58.95 Dry wash, 20 lks.wide, 3 ft.banks, course S·30°E.  
 79.98 Cor.of secs.5,6,7 and 8.  
 Land, rolling.  
 Soil, gravel and rocky, 3rd rate.  
 Timber, palo verde, ironwood and catclaw.  
 Undergrowth, greasewood, ocotillo and giant cactus.  
 May 16, 1914.

GENERAL DESCRIPTION.

This township is nearly level land, all good soil, with the exception of secs.3,4,5,6,7,8 and 9, which is covered with gravel and boulders.  
 With the exception of a narrow strip extending through secs. 23,24,27,32 and 33, the land is covered with greasewood brush 4 to 10 ft.high.  
 Collins' well, about 200 ft.deep, is located in the NE.  $\frac{1}{4}$  of sec.33, and affords water for about 300 head of stock. There are no bona fide settlers in the Tp., but there is a Mexican family at Collins' Well, but do not claim any land.  
 This township affords pasture for about 300 head of stock.  
 Grass scattering.

*W. J. Brown*  
 U. S. Surveyor.

332  
26

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 *the subdivision lines of Township 7 North Range 11 West of the Gila and Salt River Base 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*, 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.