

2838

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SEP 4- 1914

Book "D"

BOOK 2838

~Subdivisions~

FIELD NOTES

OF THE SURVEY OF THE

*Subdivision lines of
Township 8 North - Range 7 West.*

Of the Gila & 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 March 18, 1914

Survey completed April 7, 1914

(1A)

Book, "D"

BOOK 2838

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- Accepted surveys.
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Subdivision of Township 8 North, Range 7 West.

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Chains.

Survey commenced March 18, 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 solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris.

At the cor. of secs. 1, 2, 35 and 36; lat. $33^{\circ}59'16''$ N.; long. $112^{\circ}57'17''$ W. on south bdy. of Tp., established by W. K. Kierulff, as described in Book "A;" at 8h. a.m., l.m.t., I set off $1^{\circ}05'$ S. 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 level land.

2.00 Dim road brs. S. 80° W. and east.
 36.23 Arizona and California R.R. brs. N. $75^{\circ}17'$ E. and S. $75^{\circ}17'$ W.

36.83 Telegraph line parallel to RR.
 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;
 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.

45.00 Enter greasewood and mesquite brush.
 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 7 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 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, none.
 Undergrowth, scattering greasewood and mesquite.

40.00 East, on a random line, bet. secs. 25 and 36.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect cor. of secs. 25, 30, 31 and 36, on east bdy. of Tp. established by me, as described in Book "A."
 Thence I run,
 West, on a true line, bet. secs. 25 and 36.
 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,
 1914 in S. rim;
 $\frac{1}{4}$ S 25 in N., and
 S 36 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.

80.02 Cor. of secs. 25, 26, 35 and 36.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite.
 Scattering yucca palms and cactus.

3. Subdivision of Township 8 North Range 7 West.

Chains

- N.0°01'W., bet. secs.25 and 26.
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 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,W. of cor.
- 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for cor.of secs. 23,24,25 and 26, with brass cap, marked,
T 8 N, R 7 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,west of cor.
Land,level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, greasewood and mesquite, 4 to 8 ft.high.
Scattering yucca palms and cactus.
-
- 40.00 East, on a random line, bet. secs.24 and 25.
Set temp. $\frac{1}{4}$ sec.cor.
- 80.02 Intersect cor.of secs.19,24,25 and 30 on E.bdy.of Tp., established by me, as described in Book "A."
Thence I run,
West, on a true line, bet. secs. 24 and 25.
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,
1914 inS.rim;
 $\frac{1}{4}$ S 24 in N., and
S 25 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, north of cor.
- 80.02 Cor.of secs.23,24,25 and 26.
At this cor.,I set off 1°2'S.on the decl.arc;and at 12h. 8m.22s. p.m.,l.m.t., I observe the sun on the meridian; the resulting lat.is 34°01'N.
Land,level.
Soil, adobe, 2nd rate.
Timber, none.
Greasewood, mesquite,4 to 6 ft.high.
Scattering yucca palms and cactus.
March 18,1914.
-
- March 20,1914:
At 10h. a.m.,l.m.t.,I set off 0° 17'S.on the decl.arc;
34°01'N.on the lat.arc; and determine a meridian with the solar at the cor.of secs.23,24,25 and 26,
Thence I run,
N.0°01'W., bet. secs.23 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 23 in W., and
S 24 in E.half;

Chains.

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 8 N, R 7 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, west
 of cor.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite.
 Scattering yucca palms and cactus.

40.00 East, on a random line, bet. secs. 13 and 24.
 Set temp. $\frac{1}{4}$ sec. cor.
 At this point I set off $0^{\circ}15'S$ on the decl. arc, and at
 12h. 7m. 47s. p.m., l.m.t., I observe the sun on the
 meridian; the resulting lat. is $34^{\circ}02'N$.
 Continue line east.
 80.04 Intersect east bdy. of Tp., 2 lks. south of cor. of secs.
 13, 18, 19 and 24, established by me, as described in
 Book "A."

Thence I run,
 S. $89^{\circ}59'W$, on a true line, bet. secs. 13 and 24.
 Over level land, through greasewood brush.
 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,
 1914 in S.rim;
 $\frac{1}{4}$ S 13 in N., and
 S 24 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,
 north of cor.

80.04 Cor. of secs. 13, 14, 23 and 24.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft.
 high.

N. $0^{\circ}01'W$, bet. secs. 13 and 14.
 Over mountainous land.
 14.20 Ascend steep rocky south slope, covered with granite
 boulders.
 18.34 Top of hill, altitude, 160 ft., brs. N. $70^{\circ}W$ and S. $70^{\circ}E$.
 22.07 ~~Draw~~, course S. $80^{\circ}E$.
 Ascend steep rocky south slope.
 26.86 Top of hill, brs. E. and W., 145 ft. altitude.
 Descend over steep rough, rocky N. slope.
 37.75 Foot of hill.
 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;

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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.
- 43.20 Dry wash, 10 lks. wide, 1 ft. banks, course east.
- 60.00 Old road brs. N. 70° W. and E.
- 60.44 Dry wash, 10 lks. wide, 1 ft. banks, course east.
- 73.40 Dry wash, 15 lks. wide, 2 ft. banks, course S. 45° E.
- 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. 7 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, west of cor.
- Land, south half, mountainous and rough; north half, level. Soil on level sandy loam, 2nd rate. Timber, scrub palo verde in mountains. Undergrowth, greasewood and mesquite brush. Scattering yucca palms and cactus.

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- East, on a random line, bet. secs. 12 and 13.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect east bdy. of Tp. 9 lks. S. of cor. of secs. 7, 12, 13 and 18, established by me, as described in Book "A." Thence I run,
- S. $89^{\circ}56'$ W., on a true line, bet. secs. 12 and 13. Over level land.
- 40.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked,
- 1914 in S. rim;
 $\frac{1}{4}$ S 12 in N., and
S 13 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, north of cor.
- 41.40 Old road brs. NE. and SW.
- 49.80 Dry wash, 15 lks. wide, 2 ft. banks, course S. 30° E.
- 77.70 Dry wash, 6 lks. wide, 1 ft. banks, course S. 20° E.
- 80.02 Cor. of secs. 11, 12, 13 and 14. Land, level. Soil, sandy loam, 2nd rate. Timber, none. Undergrowth, greasewood and mesquite brush, 5 to 6 ft. high. Scattering yucca palms and cactus.
- March 20, 1914.

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- March 23, 1914:
At 8 h. a. m., 1. m. t., I set off $0^{\circ}53'$ N. on the decl. arc; $34^{\circ}03'$ N. on 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.
- 38.60 Dry wash, 15 lks. wide, 3 ft. banks, course east.
- 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,

Chains.

$\frac{1}{4}$ S 11 in W., and
 $\frac{1}{4}$ 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,
 west of cor.
 51.50 Ascend steep rocky rough SW. slope.
 71.37 Top of ridge, 410 ft. high, brs. N. 50° W. and S. 50° E.
 Descend steep rocky NE. slope.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., in a mound
 of stone 4 ft. base, $2\frac{1}{2}$ ft. high for cor. of secs. 1, 2, 11
 and 12, with brass cap, marked,
 T 8 N, R 7 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; pits impracticable;
 raise a mound of stone 3 ft. base, 2 ft. high, west of
 cor.
 Land, south 50 chs. level. North 30 chs. rough and moun-
 tainous.
 Soil, level, sandy, 2nd rate. Mountainous, 4th rate.
 Timber, scrub palo verde in mountains.
 Undergrowth, greasewood and mesquite.
 Giant cactus in mountains.

East, on a random line, bet. secs. 1 and 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect east boundary of Tp., 7 lks. south of cor. of
 secs. 1, 6, 7 and 12, established by me, as described in
 Book "A."
 Thence I run,
 S. 89° 57' W. on a true line, bet. secs. 1 and 12.
 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,
 1914 in S. rim;
 $\frac{1}{4}$ S 1 in N., and
 S 12 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,
 north of cor.
 58.05 Dry wash, 15 lks. wide, 2 ft. banks, course S. 30° E.
 61.60 Foot of hill; ascend steep rocky rough NE. slope.
 80.02 Cor. of secs. 1, 2, 11 and 12.
 West, 20.00 chs. mountainous; east 60.00 chs., level.
 Soil, level, sandy, 2nd rate.
 Timber, scrub palo verde in mountains.
 Undergrowth, greasewood and mesquite.
 Giant cactus in mountains.

N. 0° 01' W., on a true line, bet. secs. 1 and 2.
 Over steep, rough and rocky NE. slope.
 15.18 Foot of hill, dry wash 15 lks. wide, 6 ft. banks, course
 N. 80° E.
 22.07 Dry wash, 15 lks. wide, 2 ft. banks, course east.
 33.20 Ascend steep, rough rocky SE. slope; over large granite
 boulders.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
 the ground (could not set deeper for solid rock);
 raised mound of stone around it 3 ft. base, 2 ft. high,
 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; pits impracticable.

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Chains.

- build mound of stone 4 ft. base, 3 ft. high, W. of cor.
At this cor., I set off $0^{\circ}56'$ N. on the decl. arc; and at 12h. 6m. 53s. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is $34^{\circ}04'N$.
- 52.25 Top of mountain, 530 ft. high; mountain is very rough and difficult to survey.
Descend steep rough and rocky NW. slope, over large granite boulders.
- 60.19 Foot of hill, dry wash 15 lks. wide, 6 ft. banks, course east.
- 65.80 Intersect Second Standard Parallel North, 10.77 chs. west of the standard cor. of secs. 35 and 36, T. 9 N., R. 7 W., which is an iron post 3 ins. in diam., 1 ft. above ground, properly marked and witnessed by a mound of stone 4 ft. base, 3 ft. high, N. of cor. At point of intersection,
I 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 closing corner of secs. 1 and 2, with brass cap, marked,
C C S of center,
T 8 N, R 7 W in S. half;
S 35 in NW. quadrant;
S 36 in NE.,
S 1 in SE., and
S 2 in SW. quadrants;
1914 in S. rim;
pits impracticable. Build mound of stone 4 ft. base, 3 ft. high, south of cor.
Land, mountainous.
Soil, 4th rate.
Timber, scattering scrub palo verde.
Undergrowth, none.
Giant cactus along foot of mountain.
March 23, 1914.

March 21, 1914:

- At 8h. a.m., l.m.t., I set off $0^{\circ}6'$ 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 south bdy. of Tp., established by W.K. Kierulff, as described in Book "A."
Thence I run,
N. $0^{\circ}01'W$, bet. secs. 34 and 35.
Over level land, through scattering greasewood and mesquite brush.
- 15.25 Arizona and California Railroad brs. N. $75^{\circ}17'E$, and S. $75^{\circ}17'W$.
- 15.85 Telegraph line parallel to railroad.
- 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 $18 \times 18 \times 12$ 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. 26, 27, 34 and 35, with brass cap, marked,
T 8 N, R 7 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 $18 \times 18 \times 12$ 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.

Subdivision of Township 8 North, Range 7 West.

7.

Chains.

Land, level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, scattering greasewood and mesquite, 4 to 5 ft. high.

40.00 East, on a random line, bet. secs. 26 and 35.
79.94 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 6 lks. south of cor. of secs. 25, 26, 35 and 36.
Thence I run,
S. $89^{\circ}57'$ W., on a true line, bet. secs. 26 and 35.
Over level land.

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,
1914 in S. rim;
 $\frac{1}{4}$ S 26 in N., and
S 35 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, north of cor.

79.94 Cor. of secs. 26, 27, 34 and 35.
Land, level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, scattering greasewood and mesquite brush, 4 to 6 ft. high.

22.40 N. $0^{\circ}01'$ W., bet. secs. 26 and 27.
40.00 Over level land..
Old road brs. N. 40° E. and S. 40° W.
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;

80.00 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.
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 7 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, none.
Undergrowth, greasewood and mesquite, 4 to 6 ft. high.

40.00 East, on a random line, bet. secs. 23 and 26.
79.95 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 2 lks. S. of the cor. of secs. 23, 24, 25 and 26.
Thence I run,

8. Subdivision of Township 8 North, Range 7 West.

Chains.

- S. $89^{\circ}59'W.$, on a true line, bet. secs. 23 and 26.
Over level land.
- 39.975 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 23 in N., and
S 26 in S. half;
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, N. of cor.
At this cor., I set off $0^{\circ}09'N.$ on decl. arc; and at 12h. 7m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is $34^{\circ}01'N.$
- 50.45 Old road brs. N. $40^{\circ}E.$ and S. $40^{\circ}W.$
- 79.95 Cor. of secs. 22, 23, 26 and 27.
Land, level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, greasewood and mesquite brush, 4 to 8 ft. high.
-
- N. $0^{\circ}01'W.$, bet. secs. 22 and 23.
Over level land, through greasewood and mesquite brush, 4 to 8 ft. high.
- 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 $18 \times 18 \times 12$ 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.
- 43.30 Dry wash, 10 lks. wide, 2 ft. banks, course S. $30^{\circ}W.$
- 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 7 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 $18 \times 18 \times 12$ 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, 4 to 8 ft. high.
-
- East, on a random line, bet. secs. 14 and 23.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect N. and S. line, 3 lks. S. of cor. of secs. 13, 14, 23 and 24.
Thence I run,
S. $89^{\circ}59'W.$, on a true line, bet. secs. 14 and 23.
Over level land.
- 12.64 Old road brs. N. $10^{\circ}E.$ and S. $10^{\circ}W.$
- 25.24 Dry wash, 8 lks. wide, 1 ft. banks, course S. $20^{\circ}W.$
- 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,
1914 in S. rim;
 $\frac{1}{4}$ S 14 in N., and
S 23 in S. half;

Chains.

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.

44.94 Small granite hill 18.00 chs. long, 8 chs. wide, 60 ft. high, brs. S. 2.00 chs.

69.64 Dry wash, 10 lks. wide, 1 ft. banks, course S. 30° W.

78.64 Old road, brs. N. 70° W. and S. 70° E.

79.94 Cor. of secs. 14, 15, 22 and 23.
Land, level.
Soil adobe with sand, 2nd rate.
Timber, none.
Greasewood and mesquite brush, 4 to 8 ft. high.
Club cactus.

March 21, 1914.

March 25, 1914:
At 8h.a.m., l.m.t., I set off 1° 40' N. on decl. arc; 34° 02' N. on lat. arc; and determine a meridian with the solar at the cor. of secs. 14, 15, 22 and 23.

Thence I run,
N. 0° 01' W., bet. secs. 14 and 15.
Over mountainous land.

.15 Dry wash, 15 lks. wide, 1 1/2 ft. banks, course SW.

13.00 Foot of mountain; ascend along foot of east slope.

34.00 Change to steep SE. slope.

40.00 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 3 ft. base, 1 1/2 ft. high around post for 1/4 sec. cor., with brass cap marked,
S 15 in W., and
S 14 in E. half;

1914 in S. rim; pits impracticable.
build a mound of stone 3 ft. base, 2 ft. high, W. of cor.

46.65 Top of mountain, 350 ft. altitude, brs. S. 80° W. and E.
Descend over steep rocky N. slope.

64.79 Foot of hill, dry wash, 10 lks. wide, 5 ft. banks, course N. 40° W.

71.49 Ascend rocky SW. slope.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., in a mound of stone 4 ft. base, 2 ft. high for cor. of secs. 10, 11, 14 and 15, with brass cap, marked,
T 8 N R 7 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; pits impracticable;

build a mound of stone 4 ft. base, 3 ft. high, W. of cor.
Land, mountainous.
Soil, 4th rate.
Timber, scattering scrub palo verde.
Undergrowth, scattering greasewood brush.
Giant cactus in foothills.

40.00 East, on a random line, bet. secs. 11 and 14.
Set temp. 1/4 sec. cor.

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

Thence I run,
S. 89° 59' W. on a true line, bet. secs. 11 and 14.
Over level land.

14.36 Dry wash, 10 lks. wide, 1 ft. banks, course SE.

33.60 Leave level land; ascend steep rocky SE. slope.

39.98 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.

10. Subdivision of Township 8 North Range 7 West.

Chains.

- 1914 in S. rim;
 $\frac{1}{4}$ S 11 in N., and
 S 14 in S. half; pits impracticable.
 Build a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 44.00 Change to steep east slope.
 60.52 Prospect mound 3 ft. base, 2 ft. high on line.
 60.68 Top of mountain, altitude, 640 ft. brs. N. 35° W. and S. 30° E.
 Descend over steep rough rocky south slope.
 64.96 Two prospect shafts bear south about 8 and 20 chs., respectively.
 Change to SW. slope.
 79.96 Cor. of secs. 10, 11, 14 and 15.
 Land, east half mile, level. West half mile, mountainous.
 Soil on level, 2nd rate, sandy loam.
 Timber, scrub palo verde. Giant cactus on mountain.
 Undergrowth, greasewood and mesquite on level; club cactus.
-
- N. 0° 01' W., bet. secs. 10 and 11.
 Over mountainous land. Ascend SW. slope.
 1.00 Top of hill, brs. E. and W., 250 ft. ascent.
 10.92 Draw, course west.
 Ascend over steep rough, broken SW. slope.
 26.59 Top of mountain brs. E. and W., 470 ft. high.
 Descend over N. slope.
 32.37 Draw, course west.
 Ascend south slope, over broken surface.
 39.00 Top of hill, brs. E. and W. 480 ft. high.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., in mound of stone 4 ft. base, 2 ft. high 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;
 pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, west of cor.
 Thence over broken south slope.
 46.00 Top of mountain, 500 ft. high, brs. N. 35° W. and S. 30° E.
 Descend NE. slope over large granite boulders.
 64.93 Draw, course S. 80° E.
 Ascend SE. slope of ridge.
 73.84 Top of ridge, brs. E. and W.
 Descend over NW. slope to
 80.00 Foot of small hill. Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground (could not set deeper for solid rock); build mound of stone 3 ft. base, 1 $\frac{1}{2}$ ft. high around post for cor. of secs. 2, 3, 10 and 11, with brass cap, marked,
 T 8 N, R 7 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;
 pits impracticable. Build a mound of stone on a granite boulder 5x4x4 ft. on the west of cor.
 Land, mountainous and rough.
 Timber, none.
 Undergrowth, very scattering greasewood brush.
 Scattering giant cactus.
-

Subdivision of Township 8 North, Range 7 West 11

Chains.

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

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

79.90 Intersect N. and S. line, 10 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence I run,
N. $89^{\circ}56'$ W., on a true line, bet. secs. 2 and 11.
Over mountainous land.

8.90 Ascend NE. slope, over boulders.
Top of mountain, altitude, 500 ft. brs. N. 50° W. and S. 50° E.
Descend over SW. slope.

18.00 Ascend over SE. slope.

35.90 Top of ascent; small ridge, brs. N. and S.

37.30 Top of mountain, 250 ft. high, brs. N. 80° E. and S. 80° W.
Descend gradual NW. slope.

39.95 Set an iron post 3 ft. long, 1 in. in diam., in mound of stone 3 ft. base, $2\frac{1}{2}$ ft. high for $\frac{1}{4}$ sec. cor., with brass cap, marked,
1914 in S. rim;
 $\frac{1}{4}$ S 2 in N., and
S 11 in S. half; pits impracticable.
raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

56.34 Descend steep broken NW. slope.

79.90 Cor. of secs. 2, 3, 10 and 11.
Land, mountainous.
Soil, 4th rate.
Timber, scrub palo verde.
Undergrowth, scattering greasewood and mesquite.
Giant cactus on foothills.

N. $0^{\circ}01'$ W., on a true line, bet. secs. 2 and 3.
Over rolling land.

5.00 Dry wash, 20 lks. wide, 2 ft. banks, course west.

27.20 Dry wash, 20 lks. wide, 4 ft. banks, course S. 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,
1914 in S. rim;
 $\frac{1}{4}$ S 3 in W., and
S 2 in E. half;
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.

64.00 Dry wash, 8 lks. wide, 1 ft. banks, course SW.

65.63 Intersect Second Standard Parallel North, 10.37 chs. W. of the Standard cor. of secs. 34 and 35, T. 9 N., R. 7 W., which is a 3-inch iron post, properly marked and witnessed by a mound of stone 3 ft. base, 2 ft. high, N. of cor. At point of intersection,
I set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground (could not set deeper for solid rock), for closing cor. of secs. 2 and 3, with brass cap, marked,
C C S of center,
T 8 N, R 7 W in S. half;
S 34 in NW.,
S 35 in NE.,
S 2 in SE., and
S 3 in SW. quadrants;
1914 in S. rim;
pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, around post.
Build a mound of stone 4 ft. base, 3 ft. high, S. of cor.
Made no noon observation this day because I was going between points at that time.
March 25, 1914.

2 Subdivision of Township 8 North, Range 7 West.

Chains.

March 24, 1914:

At 8h. a.m., l.m.t., I set off 1°17'N. on the decl. arc; 33°59'N. on lat. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34 on the south boundary of Tp., established by W.K. Kierulff, U. S. Transitman, as described in Book "A."

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

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked, 1/4 S 33 in W., and 1/4 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 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. 27, 28, 33 and 34, with brass cap, marked, T 8 N R 7 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 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.

Timber, none.

Undergrowth, scattering greasewood and mesquite brush, 3 to 5 ft. high.

Scattering yucca palms.

East on a random line, bet. secs. 27 and 34.

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence I run,

S. 89°57' W. on a true line, bet. secs. 27 and 34.

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,

1914 in S. rim; 1/4 S 27 in N., and 1/4 S 34 in S. half;

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.

80.04 Cor. of secs. 27, 28, 33 and 34.

Land, level.

Soil, adobe, 2nd rate.

Timber, none.

Undergrowth, greasewood and scattering mesquite, 4 to 6 ft. high.

N. 0°02' W., bet. secs. 27 and 28;

Over level land, through greasewood and mesquite brush.

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 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.,

Chains.

80p00 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 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 7 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, west of cor.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 4 to 7 ft. high.
 Scattering yucca palms.

40.00 East, on a random line, bet. secs. 22 and 27.
 79.95 Set temp. $\frac{1}{4}$ sec. cor.
 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.
 39.975 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 22 in N., and
 S 27 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.
 79.95 Cor. of secs. 21, 22, 27 and 28.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 6 to 8 ft. high.
 Scattering palms.
 At this point, I set off $1^{\circ}20'N.$ on the decl. arc; and at 12h. 6m. 34s. p.m., l.m.t., observe the sun on the meridian; the resulting latitude is $34^{\circ}01'N.$

N. $0^{\circ}02'W.$, bet. secs. 21 and 22.
 Over level land.
 20.00 Enter thick growth of club cactus.
 31.55 Dry wash, 20 lks. wide, 1 ft. banks, course 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 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, west of cor.
 62.00 Dry wash, 6 lks. wide, 1 ft. banks, course S. $30^{\circ}W.$
 65.30 Wash, 8 lks. wide, 1 ft. banks, course S. $30^{\circ}W.$
 72.00 Dry wash, 8 lks. wide, 1 ft. banks, course S. $30^{\circ}W.$
 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 7 W in N. half;
 S 16 in NW.,

14. Subdivision of Township 8 North Range 7 West.

Chains.

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. $5\frac{1}{2}$ ft. dist.,
 and raise a mound of earth 4 ft. base, 2 ft. high, W. of
 cor.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth; greasewood and mesquite brush, 6 to 8 ft.
 high, west of cor.
 Club cactus.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 6 to 8 ft.
 high.
 Club cactus.

40.00 East, on a random line, bet. secs. 15 and 22.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 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.
 .17 Dry wash, 15 lks. wide, 1 ft. banks, course SW.
 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,
 1914 in S. rim;
 $\frac{1}{4}$ S 15 in N., and
 S 22 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,
 north of cor.
 62.37 Dry wash, 8 lks. wide, 1 ft. banks, course SW.
 68.02 Dry wash, 6 lks. wide, 1 ft. banks, course SW.
 74.02 Dry wash, 8 lks. wide, 1 ft. banks, course SW.
 80.02 Cor. of secs. 15, 16, 21 and 22.
 Land, level.
 Soil, sandy loam, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 5 to 8 ft.
 high.
 Club cactus.

March 24, 1914.

March 26, 1914:
 At 10h. a.m., l.m.t., I set off $2^{\circ}05'$ 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. 15, 16, 21 and 22.
 Thence I run,
 N. $0^{\circ}02'$ W., bet. secs. 15 and 16.
 Through scrub palo verde and greasewood.
 30.00 Foot of mountains; ascend steep rocky and broken south
 slope.
 40.00 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 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. 16 in W., and
 S 15 in E. half;
 1914 in S. rim;
 pits impracticable. Build a mound of stone 3 ft.
 base, 2 ft. high, W. of cor.
 44.42 Top of hill, 480 ft. high, brs. S. 50° W. and E.

Subdivision of Township 8 North, Range 7 West. 15.

Chains.

58.11 Descend.
 Draw, course S.60°W.
 Ascend.

63.25 Top of hill, 510 ft.high, brs.N.80°W. and S.70°E.
 Descend over N.slope.

80.00 Set an iron post 3 ft.long, 2 ins. in diam., in mound of
 stone 4 ft.base, 3 ft.high for cor.of secs. 9,10,15
 and 16, with brass cap, marked,
 T 8 N, R 7 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;
 pits impracticable. Build a mound of stone 3 ft.
 base, 2 ft. high, west of cor.
 Land, mountainous, covered with granite boulders.
 Soil, rocky, 4th rate.
 Timber, scrub palo verde.
 Undergrowth, greasewood, club cactus.
 Giant cactus on foothills.

40.00 East, on a random line, bet. secs.10 and 15.
 Set temp. ¼ sec.cor.

80.06 Intersect the cor.of secs.10,11,14 and 15.
 Thence I run,
 West, on a true line, bet. secs.10 and 15.
 Over rolling and mountainous land.
 Descend over SW.slope.

9.90 Foot of hill.

19.00 Dry wash, 10 lks.wide, 1½ ft. banks, course S.80°W.

33.70 Dry wash, 40 lks.wide, 6 ft.banks, course N.40°W.

40.03 Set an iron post 3 ft.long, 1 in. in diam., 18 ins.in
 ground (could not set deeper for solid stone); raise
 mound of earth and stone around post for ¼ sec.cor.,
 with brass cap, marked,
 ¼ 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 3½ ft. base, 1½ ft. high,
 north of cor.

51.40 Dry wash, 20 lks.wide, 2 ft.banks, course north, along
 north slope.

80.06 Cor.of secs.9,10,15 and 16.
 Land, rolling.
 Soil, sandy and very rocky, 4th rate.
 Timber, scrub palo verde; giant cactus.
 Undergrowth, greasewood and mesquite brush,
 At this cor., I set off 2°07'N.on decl.arc, and at 12h.
 5m.58s. p.m., l.m.t., observe the sun on the meridian;
 the resulting lat.is 34° 02½'N.

N.0°02'W., bet. secs.9 and 10.
 Over rolling land.
 Descend gradual N. slope.

4.00 Foot of hill.

40.00 True point for ¼ sec.cor. falls in dry wash, 30 lks.wide,
 3 ft.banks, course N.40°W.

40.35 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
 the ground for witness cor.to ¼ sec.cor., with brass
 cap, marked,
 W C ¼ S 9 in W., and
 S 10 in E.half;
 1914 in S.rim;

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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.
- 54.80 Dry wash, 40 lks. wide, 2 ft. banks, course S.60°W.
- 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 7 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, west of cor.
- Land, rolling.
Soil, sandy loam, 2nd and 3rd rate.
First half mile, 3rd rate; 2nd half mile, 2nd rate.
Timber, scrub palo verde.
Undergrowth, greasewood and mesquite brush.
March 26, 1914.
-
- March 27, 1914.
East, on a random line, bet. secs. 3 and 10.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.11 Intersect N. and S. line, 10 lks. south of the cor. of secs. 2, 3, 10 and 11.
Thence I run,
S. 89° 56' W. on a true line, bet. secs. 3 and 10.
Over low hills covered with stone; ~~over rolling land.~~
- 25.00 Enter rolling land.
- 38.51 Dry wash 20 lks. wide, 4 ft. banks, course S. 30° W.
- 40.055 Set an iron post 3 ft. long, 1 in. in diam., in mound of stone 3 ft. base, $2\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap, marked,
- 1914 in S. rim;
S 3 in N., and
S 10 in S. half; pits impracticable.
- Build a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Thence over gently rolling land.
- 80.11 Cor. of secs. 3, 4, 9 and 10.
Land, rolling.
Soil east half mile covered with stone; west half mile, sandy loam, covered with gravel, 3rd rate.
Timber, scrub palo verde.
Undergrowth, greasewood and mesquite brush.
Cactus.
March 27, 1914.
-
- March 26, 1914:
N 0° 02' W., on a true line, bet. secs. 3 and 4.
Over rolling land.
- 10.00 Dry wash, 20 lks. wide, 2 ft. banks, course S. 60° W.
- 31.85 Dry wash, 10 lks. wide, 2 ft. banks, course S. 20° 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 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, west of cor.
- 65.69 Intersect Second Standard Parallel North, 10.34 chs.

Subdivision of Township 8 North, Range 7 West. 17.

Chains.

west of the standard cor. of secs. 33 and 34, T. 9 N., R. 7 W., which is an iron post 3 ins. in diam., 1 ft. above ground, properly marked, with pits east and west 3 ft. and north 7 ft. dist. Mound of earth on north. 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,
 T 8 N, R 7 W in S. half;
 C C S of center,
 S 33 in NW.,
 S 34 in NE.,
 S 3 in SE., and
 S 4 in SW. quadrants;
 1914 in S. rim;
 dig pits 24x18x12 ins., E. and W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, south of cor.
 Land, south half, rolling. North half, level.
 Soil, sandy loam, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.
 March 26, 1914.

March 31, 1914:
 At 9h. a.m., l.m.t., I set off 4°01' N. on decl. arc; 33° 59' N. on lat. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on the south bdy. of the Tp. established by W.K. Kierulff, U.S. Transitman, as described in Book "A."

Thence I run,
 N. 0°02' W., bet. secs. 32 and 33.
 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,
 1914 in S. rim;
 $\frac{1}{4}$ S 32 in W., and
 S 33 in E. half;
 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 7 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, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.
 Scattering yucca palms.

East, on a random line, bet. secs. 28 and 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect cor. of secs. 27, 28, 33 and 34.
 Thence I run,
 West, on a true line, bet. secs. 28 and 33.

18. Subdivision of Township 8 North Range 7 West.

Chains.

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., of secs. 28 and 33, with brass cap, marked;
 1914 in S. rim;
 $\frac{1}{4}$ S 28 in N., and
 $\frac{1}{4}$ S 33 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, north of cor.

80.00 Corner of secs. 28, 29, 32 and 33.
 Land, level.
 Soil adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.
 Scattering yucca palms:

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
 $\frac{1}{4}$ 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, west of cor.

70.00 Dry wash, 8 lks. wide, 1 ft. banks, course S. 65° W.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap, marked,
 T 8 N R 7 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. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.

Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high.
 Scattering yucca palms.

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

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

80.04 Intersect cor. of secs. 21, 22, 27 and 28.
 Thence I run,
 West, on a true line, bet. secs. 21 and 28.

Over level land.

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,
 1914 in S. rim;
 $\frac{1}{4}$ S 21 in N., and
 $\frac{1}{4}$ S 28 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, north of cor.

53.44 Dry wash, 12 lks. wide, 2 ft. banks, course south.

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

Subdivision of Township 8 North, Range 7 West. 19.

Chains.

Land, level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, greasewood and mesquite brush, 4 to 6 ft. high. Scattering yucca palms.
At this cor., I set off 4°04'N. on the decl. arc, and at 12h. 4m. 27s. p.m., l.m.t., 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 $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ 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 $3\frac{1}{2}$ 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. 16, 17, 20 and 21, with brass cap, marked,
 T 8 N-R 7 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. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.
Land, level.
Soil, adobe.
Timber, none.
Undergrowth, greasewood and mesquite brush, 4 to 8 ft. high. Club and giant cactus.

East, on a random line, bet. secs. 16 and 21.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.93 Intersect N. and S. line, 2 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.
17.93 Dry wash, 10 lks. wide, 1 ft. banks, course south.
39.965 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 16 in N., and
 S 21 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, north of cor.

56.93 Dry wash, 10 lks. wide, 1 ft. banks, course S. 15°E.
79.93 Cor. of secs. 16, 17, 20 and 21.
Land, level.
Soil, sandy, 2nd rate.
Timber, none.
Undergrowth, greasewood, 6 to 8 ft. high.

N.0°02'W., bet. secs. 16 and 17.
Over level land.
20.00 Dry wash, 6 lks. wide, 1 ft. banks, course S. 15°W.

20. Subdivision of Township 8 North, Range 7 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 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.
- 63.20 Ascend steep rocky SW. slope, over boulders.
- 68.80 Top of low ridge, brs. E. and W. Descend NW. slope.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground (could not set deeper for solid rock) build mound of stone 3 ft. base, $2\frac{1}{2}$ ft. high around post, for cor. of secs. 8, 9, 16 and 17, with brass cap, marked, T 8 N, R 7 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; pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, west of cor. Land, south, 60.00 chs., level. North 20.00 chs., mountainous. Soil on level, sandy, 2nd rate. In mountains, rocky, 4th rate. Timber, scattering scrub palo verde. Undergrowth, greasewood, 4 to 6 ft. high on level. Cactus. March 31, 1914.
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- April 1, 1914:
At 9h. a.m., l.m.t., I set off $4^{\circ}25'N.$ on decl. arc; $34^{\circ}03'N.$ on lat. arc; and determine a meridian with the solar at the cor. of secs. 8, 9, 16 and 17.
Thence I run,
East, on a random line, bet. secs. 9 and 16.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.90 Intersect N. and S. line, 5 links S. of cor. of secs. 9, 10, 15 and 16.
Thence I run,
S. $89^{\circ}58'W.$, on a true line, bet. secs. 9 and 16.
Over mountainous land.
Descend over gradual north slope.
- 23.50 Foot of slope.
Ascend steep NE. slope.
- 35.85 Top of mountain, brs. N. $70^{\circ}W.$ and S. $60^{\circ}E.$
Descend SW. slope, over boulders.
- 39.95 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 stone around post 2 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap, marked, 1914 on S. rim; $\frac{1}{4}$ S 9 in N., and S 16 in S. half; pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, north of cor.
- 58.85 Dry wash, 10 lks. wide, 3 ft. banks, course N. $8^{\circ}W.$
- 79.90 Cor. of secs. 8, 9, 16 and 17.
Land, mountainous.
Timber, scattering scrub palo verde.
Soil, rocky, 4th rate.
Undergrowth, scattering greasewood.
Giant cactus and other cactus.
-
- N. $0^{\circ}02'W.$, bet. secs. 8 and 9.
Over rough, low hills.
- 9.88 Dry wash, 12 lks. wide, 2 ft. banks, course west; ascend.

Subdivision of Township 8 North Range 7 West 21

Chains	
20.88	Top of ascent; descend.
32.60	Dry wash, 10 lks. wide, 1 ft. banks, course S.80°W.
40.00	Set an iron post 3 ft. long, 1 in. in diam., in mound of stone 3 ft. base, 2½ ft. high for ¼ sec. cor., with brass cap, marked,
	<ul style="list-style-type: none"> ¼ S 8 in W., and S 9 in E. half; 1914 in S. rim;
	pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, west of cor.
	Large granite boulders 4x6x8 ft. brs. S.12 lks.
60.60	Dry wash, 60 lks. wide, 3 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. 4, 5, 8 and 9, with brass cap, marked,
	<ul style="list-style-type: none"> T 8 in N., R 7 in W. in N. half; S 5 in NW., S 4 in NE., S 9 in SE., S 8 in SW. quadrant; 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.
	Land, rough, with small hills.
	Soil, rocky, 4th rate.
	Timber, scattering scrub palo verde.
	Undergrowth, greasewood.

	East, on a random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
79.84	Intersect N. and S. line, .4 lks. S. of the cor. of secs. 3, 4, 9 and 10,
	Thence I run,
	S. 89°58' W., on a true line, bet. secs. 4 and 9.
	Over level land.
22.84	Dry wash, 10 lks. wide, 2 ft. banks, course S.20°W.
39.92	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., with brass cap, marked,
	<ul style="list-style-type: none"> 1914 in S. rim; ¼ S 4 in N., and S 9 in S. half;
	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.
63.44	Old road, brs. N.20°E. and S.20°W.
79.84	Cor. of secs. 4, 5, 8 and 9.
	Land, level.
	Soil, sandy, 3rd rate.
	Timber, none.
	Undergrowth, greasewood and mesquite. Cactus.

	N. 20°58' W., on a true line, bet. secs. 4 and 9.
	Over level land.
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,
	<ul style="list-style-type: none"> ¼ S 7 in N., and S 7 in N. half; 1914 in S. rim;
	dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 ft. base, 1½ ft. high, N. of cor.
63.44	Old road, brs. N.20°E. and S.20°W.
79.84	Cor. of secs. 4, 5, 8 and 9.

22. Subdivision of Township 8 North, Range 7 West.

Chains.

Land, level.
Soil, sandy, 2nd rate.
Timber, none.
Undergrowth, mesquite and greasewood; cactus.

N. 0°02'W., on a true line, bet. secs. 4 and 5.
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 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.

At this cor., I set off 4°27'N. on the decl. arc; and at 12h.4m.p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 34°04'N.

65.56 Intersect Second Standard Parallel North, 9.97 chs. west of the standard cor. of secs. 32 and 33, T.9 N., R.7 W., which is an iron post 3 ins. in diam., 1 ft. above ground, properly marked, witnessed by pits E. and W., 3 ft., and N. of cor. 7 ft. dist. At point of intersection,
 I set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 4 and 5, with brass cap, marked,
 T 8 N R 7 W in S. half;
 C C S 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., 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.
Timber, none.
Undergrowth, greasewood and mesquite brush, 6 to 8 ft. high.

April 1, 1914.

April 4, 1914:
At 8h.a.m., l.m.t., I set off 5°33'N. on decl. arc; 33°59' N. on 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 W.K. Kierulff, U.S. Transitman, 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,

Chains,

T 8 N R 7 W in N.half;
S 30 in. NW.,
S 29 in. NW.,
S 32 in SE., and
S 31 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, adobe, 2nd rate.
Timber, none.
Undergrowth, greasewood and mesquite brush 6 to 8 ft. high.

East, on a random line, bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.
80.05 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 28,
29, 32 and 33.

Thence I run,
S. 89° 59' W., on a true line, bet. secs. 29 and 32.
Over level land.

40.025 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 29 in N., and
S 32 in S. half;
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,
north of cor.

45.00 Hill, 5.00 chs. base, 30 ft. high, brs. S. 7.00 chs.
80.05 Cor. of secs. 29, 30, 31 and 32.
Land, level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, greasewood and mesquite brush, 4 to 6 ft.
high.
Club cactus and yucca palms.

The cor. of secs. 25, 30, 31 and 36 on the west bdy. of
the Tp. being plainly visible, I run for said cor.,
N. 89° 59' W., on a true line, bet. secs. 30 and 31.
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,
1914 in S. rim;
1/4 S 30 in N., and
S 31 in S. half;
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,
north of cor.

89.34 Intersect cor. of secs. 25, 30, 31 and 36 on the west bdy.
of Tp., established by me, as described in Book "A."
Land, level.
Soil, adobe, 2nd rate.
No timber.
Undergrowth, greasewood and mesquite; scattering club
cactus.

N. 0° 03' W., bet. secs. 29 and 30.
Over level land.

13.30 Ascend south slope of small hill; volcanic formation.
18.05 Top of hills brs. N. 80° W. and S. 80° E., 40 ft. high; extends
10.00 chs. west, and 5.00 chs. east.
22.65 Foot of hill.

24 Subdivision of Township 8 North Range 7 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 30 in W., and $\frac{1}{4}$ 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, 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. 19, 20, 29 and 30, with brass cap, marked, T 8 N R 7 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. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor. Land, level; 9.45 chs. small hill. Soil on level, adobe, 2nd rate. Hill, volcanic, 4th rate. No timber. Undergrowth, greasewood and mesquite, 4 to 6 ft. high, Club cactus. At this corner, I set off $5^{\circ}36'$ N. on the decl. arc; and at 12h. 3m. 14secs. p.m., 1.m.t., I observe the sun on the meridian. The resulting lat. is $34^{\circ} 01' N.$
40.00	East, on a random line, bet. secs. 20 and 29.
80.05	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 3 lks. N. of the cor. of secs. 20, 21, 28 and 29. Thence I run, N. $89^{\circ}59'$ W., on a true line, bet. secs. 20 and 29. Over level land.
40.025	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 20 in N., and $\frac{1}{4}$ 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 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, north of cor.
80.05	Cor. of secs. 19, 20, 29 and 30. Land, level. Soil; adobe, 2nd rate. Timber, none. Undergrowth, greasewood and mesquite brush, 4 to 8 ft. high.
40.00	West, on a random line, bet. secs. 19 and 30.
89.25	Set temp. $\frac{1}{4}$ sec. cor. Intersect west bdy. of Tp. at the cor. of secs. 19, 24, 25 and 30, established by me, as described in Book "A." Thence I run,
49.25	East, on a true line, bet. secs. 19 and 30. 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 19 in N., and $\frac{1}{4}$ S 30 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, north of cor.

Subdivision of Township 8 North, Range 7 West. 25.

Chains.

52.25 Shallow dry wash, 20 lks.wide, course S.40°W.
 89.25 Cor.of secs.19,20,29 and 30.
 Land,level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 4 to 8 ft.
 high.
 Club 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 $\frac{1}{4}$ sec.cor., with brass cap,marked,
 $\frac{1}{4}$ S 19 in W., and
 $\frac{1}{4}$ S 20 in E.half;
 1914 in S.rim;
 dig pits 18x18x12 ins., M.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.

66.80 Dry wash,12 lks.wide, 2 ft. banks, course S.50°W.
 71.30 Dry wash,12 lks.wide, 2 ft.banks,course S.50°W.
 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 7 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.basē, 2 ft.high, west of
 cor.
 Land,level.
 Soil, sandy loam, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite, 4 to 6 ft.high.

East, on a random line, bet. secs.17 and 20.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.

80.04 Intersect cor.of secs. 16,17,20 and 21.
 Thence I run,
 West, on a true line, bet. secs.17 and 20.
 Over level land.

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,
 1914 in S.rim;
 $\frac{1}{4}$ S 17 in N., and
 $\frac{1}{4}$ S 20 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,
 north of cor.

59.24 Dry wash, 10 lks.wide, 2 ft.banks,course S. 60°W.
 77.04 Dry wash,10 lks.wide, 2 ft.banks, course S.60°W.
 80.04 Cor.of secs.17,18,19 and 20.
 Land,level.
 Soil, sandy loam, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 3 to 6 ft.
 high.

26. Subdivision of Township 8 North Range 7 West

Chains.

40.00 West, on a random line, bet. secs.18 and 19.
Set temp. $\frac{1}{4}$ sec.cor.

89.09 Intersect west bdy.of Tp., 5 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°58'E., on a true line, bet. secs.18 and 19.
Over level land.

15.09 Dry wash, 6 lks.wide, 2 ft.banks, course south.

43.09 Dry wash, 8 lks.wide, 3 ft.banks, course S.60° W.

49.09 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 18 in N., and
S 19 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.

89.09 Cor.of secs.17,18,19 and 20.
Land, level.
Soil, sandy loam, 2nd rate.
Timber, none.
Undergrowth, greasewood and mesquite brush, 3 to 6 ft. high.

April 4, 1914.

April 6, 1914:
At 2h.p.m., l.m.t., I set off 6°24'N. on the decl. arc; 34° 02'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°03'W., bet. secs.17 and 18.

8.40 Dry wash, 10 lks.wide, 2 ft.banks, course S.50°W.

28.60 Dry wash, 15 lks.wide, 2 ft.banks, course S.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 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.

55.00 Ascend steep SW.slope, over granite boulders.

62.33 Change to steep broken E.slope.

78.15 Top of mountain, brs.N.60°E. and S.40°W.
Descend NW.slope.

80.00 Set an iron post 3 ft.long. 2 ins. in diam., 12 ins. in the ground (could not set deeper for solid rock) build mound of stone 3 ft.base, $1\frac{1}{2}$ ft. high around post, for cor. of secs.7,8,17 and 18, with brass cap, marked,
T 8 N R 7 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, west of cor.
Land, south half, level. North half, mountainous.
Soil on level, sandy loam, 2nd rate; in mountains, rocky 4th rate.
Timber, scrub palo verde in mountains.
Undergrowth, scattering greasewood and mesquite.
Giant cactus.

Subdivision of Township 8 North, Range 7 West 27

Chains.

40.00 East, on a random line, bet. secs. 8 and 17.
 80.06 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect cor. of secs. 8, 9, 16 and 17.
 Thence I run,
 West, on a true line, bet. secs. 8 and 17.
 Over rolling land.
 7.66 Dry wash 60 lks. wide, 3 ft. banks, course S. 20° W.
 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,
 1914 in S. rim;
 $\frac{1}{4}$ S 8 in N., and
 S 17 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.
 Thence over mountainous land.
 45.06 Dry wash, 20 lks. wide, 3 ft. banks, course S. 20° E.
 Ascend steep NE. slope over boulders.
 58.04 Top of ridge, brs. S. 80° E. and N. 80° W.
 Thence along SE. slope.
 75.06 Descend NW. slope, over boulders.
 80.06 Cor. of secs. 7, 8, 17 and 18.
 Land east half mile rolling; west half mile, mountainous,
 rough, broken.
 Soil, 3rd and 4th rate.
 Timber, scrub palo verde.
 Undergrowth, greasewood and mesquite on rolling land.
 Giant and club cactus.
 April 6, 1914.

April 7, 1914:
 At 10h. a.m., l.m.t., I set off 6° 43' N. on the decl. arc;
 34° 03' N. on lat. arc; and determine a meridian with
 the solar at the cor. of secs. 7, 8, 17 and 18.
 Flag at the corner of secs. 7, 12, 13 and 18 on west bdy.
 of Tp. being in plain sight, I run for said cor.,
 N. 89° 58' W. on a true line, bet. secs. 7 and 18.
 Over mountainous land.
 Descend over NW. slope.
 16.55 Enter rolling land.
 22.43 Dry wash, 10 lks. wide, course 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 stone around post 2 ft. base, $1\frac{1}{2}$ ft. high 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 stone and earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$
 ft. high, N. of cor.
 46.00 Dry wash, 10 lks. wide, 4 ft. banks, course S. 10° E.
 Ascend SE. slope.
 56.21 Top of ridge, brs. N. and S.; extends 10.00 chs. south.
 Descend SW. slope.
 88.98 Intersect west bdy. of Tp. at the cor. of secs. 7, 12, 13 and
 18, established by me, as described in Book "A."
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scrub palo verde.
 Undergrowth, greasewood and mesquite. Giant cactus.

N. 0° 03' W. bet. secs. 7 and 8.
 Over mountainous land.
 Descend NW. slope.

28. Subdivision of Township 8 North Range 7 West.

Chains

- 5.00 Foot of descent, dry wash, 10 lks.wide, 4 ft. banks, course west.
Ascend steep south slope of steep rough and broken mountain.
- 24.92 Top of mountain, 800 ft. high, brs.N.80°E. and S.80°W.
Descend steep broken N. slope, covered with large boulders.
- 40.00 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 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;
pits impracticable. Raise a mound of stone 3 ft.base, 2 ft.high, west of cor.
- 48.70 Enter level land.
- 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 7 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, west of cor.
Land, rough and broken on south 48.70 chs.; level on north 31.30 chs.
Soil on level, sandy, 3rd rate.
Timber, none.
Undergrowth, greasewood and mesquite on level.
At this cor., I set off 6°45' N. on decl.arc; and at 12h.2m. 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.5 and 8.
Set temp. $\frac{1}{4}$ sec.cor.
- 80.00 Intersect N.and S. line, 2 lks.south 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.
- 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 5 in N., and
S 8 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, north of cor.
- 80.00 Cor. of secs.5,6,7 and 8.
Land, level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, greasewood and mesquite, 4 to 6. ft.high.
Scattering yucca palms.
-
- Flag being in plain sight at the cor.of secs.1,6,7 and 12 on west bdy.of Tp., I run for said cor.,
N.89° 59' W., on a true line, bet. secs.6 and 7.
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,

Chains.

1914 in S. rim;
 $\frac{1}{4}$ S 6 in N., and
 $\frac{1}{4}$ S 7 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,
 north of cor.

88.95 Intersect west bdy. of Tp. at the cor. of secs. 1, 6, 7 and
 12, established by me, as described in Book "A."
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 3 to 6 ft.
 high.
 Scattering yucca palms and cactus.

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

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 6 in W., and
 $\frac{1}{4}$ 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,
 west of cor.

65.48 Intersect Second Standard Parallel North, 9.78 chs. west
 of the Standard cor. of secs. 31 and 32, T. 9 N., R. 7 W.,
 which is an iron post 3 ins. in diam., 1 ft. above
 ground, properly marked and witnessed, with pits
 E. and W. 3 ft., and N. of cor. 7 ft. dist. At point
 of intersection,
 I 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,
 C C S of center,
 T 8 N R 7 W in S. half;
 S 31 in NW.,
 S 32 in NE.,
 S 5 in SE., and
 S 6 in SW. quadrants;
 1914 in S. rim;
 dig pits 24x18x12 ins., 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, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite brush, 3 to 6 ft.
 high.
 Scattering yucca palms and club cactus.
 April 7, 1914.

GENERAL DESCRIPTION

This township is level in the south half, and also secs.
 4, 5, 6, which is all good adobe soil, 2nd rate, covered
 with greasewood and mesquite brush, club cactus, cholla,
 giant cactus, yucca palms and scattering palo verde
 brush.

There are patches of good grass, scattered through the
 the township. Granite hills, 50 to 700 ft. high above
 the plain extend through secs. 1, 2, 3, 10, 11, 12, 13, 14,
 15, 16, 17, 18 and a portion of secs. 7 and 8. The
 hills are very steep, and covered with large granite
 boulders, making it difficult to chain. No soil

30. Subdivision of Township 8 North. Range 7 West.

Chains.

on the hills. There is a mining prospect in the north half of sec.14. No settlers in the township.

W. H. J. Horn
U. S. Surveyor.

Dns

CERTIFICATE OF ASSISTANTS.

Applies to notes describing surveys executed by W.K. Kierulff, U.S. Transitman, in books "E", "F", "G", "H", "J", "K", "L", "M", "N", "P", "R" and "T."

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, W. K. Kierulff, ^{Transitman} U. S. ~~Surveyor~~, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of ^{the} ~~A~~ Subdivision lines in Townships 8 North, Ranges 6, 8, 9, 10, 13, & 14 West, Townships 7 North, Ranges 7, 10, 12, & 14 West, and Townships 6 North, Ranges 11, & 13 West,

of the Gila & Salt River Base & Meridian, in the State of Arizona which are represented in the ~~forgoing~~ ^{in books (E), (F), (G), (H), (J), (K), (L), (M), (N), (P), (R) & (T).} field notes ~~as~~ having been executed by him, and under his direction; and that said surveys ~~have~~ been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
<i>W. J. Farnum</i>	1914 March 12	1914 July 17	1st. Chainman
<i>Sam Gregg</i>	March 12	March 24	2nd Chainman
<i>B. C. Gilpin</i>	" 24	July 17	" "
<i>Julius Prior</i>	April 1	" "	Moundman
<i>Roy Hansen</i>	March 12	" "	Flagman
<i>P. C. Anderson</i>	" "	" "	Axeman
		April 1 (Except June 17 & 18)	Moundman

Subscribed and certified to before me on the dates of the final service as shown above.

W. K. Kierulff
U. S. ~~Surveyor~~ Transitman

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BOOK 2888

TRANSITMAN.
~~SURVEYOR.~~
FINAL OATH OF UNITED STATES

Applies to notes describing surveys executed by W.K. Kierulff, U.S. Transitman, in Books (E), (F), (G), (H), (J), (K), (L), (M), (N), (P), (R) and (T).

I, W. K. Kierulff, U. S. ~~Surveyor~~^{Transitman}, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona for Group 34 dated February 11th, 1914 and June 20th, 1914, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ^{the} Subdivision lines in Townships 8 North, Ranges 6, 8, 9, 10, 13 & 14 West, Townships 7 North, Ranges 7, 10, 12 and 14 West, and Townships 6 North, Ranges 11 and 13 West.

of the Gila & Salt River Base & Meridian, in the State of Arizona, which are represented in the ~~foregoing~~ ^{in books (E), (F), (G), (H), (J), (K), (L), (M), (N), (P), (R) and (T)} field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said surveys 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 Arizona for Group 34 and in the specific manner described in the field notes, and that ~~the foregoing~~ ^{the notes in books (E), (F), (G), (H), (J), (K), (L), (M), (N), (P), (R) and (T)} are the original field notes of such surveys.

W. K. Kierulff
U. S. ~~Surveyor~~
Transitman

Subscribed by said W. K. Kierulff, and sworn to before me }
this 11 day of Sept, 1914
Charles Post,



County Clerk and Ex-Officio Clerk of the Superior Court
in and for San Bernardino County, State of California
J. E. Elbert
County Clerk

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

_____, 191

The foregoing field notes of the survey of _____

executed by _____
under his special instructions dated _____, 191 _____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

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.

U. S. Surveyor General.

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CERTIFICATE OF ASSISTANTS.

Applies to notes describing surveys executed by W.H. Thorn, U.S. Surveyor, in this book and in books (E), (F), (G), (H), (I), (K), (L), (M), (N), (O), (P), (Q), (R), (S) and (T).

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,

W. H. Thorn, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of ^{the} Subdivision lines in Townships 8 North, Ranges 6, 7, 8, 9, 10, 12, 13 and 14 West, Townships 7 North, Ranges, 7, 11, 13 and 14 West, and Townships 6 North, Ranges, 10, 11, and 13 West.

of the Gila & Salt River Base & Meridian, in the State of Arizona and those in books (E), (F), (G), (H), (I), (K), (L), (M), (N), (O), (P), (Q), (R), (S) & (T) which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
<i>Will D Wilson</i>	1914 March 12	1914 July 17	1st Chainman
<i>Ol. Larsen</i>	" "	" "	2nd "
<i>Geo M Larsen</i>	" "	" "	Flagman
<i>Sam Duff</i>	" 24	" "	Moundman
<i>M A Bender</i>	" 28	" 10	Axeman
	(Except June 17 & 18)		

Subscribed and certified to before me on the dates of the final service as shown above.

W. H. Thorn
U. S. Surveyor.

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FINAL OATH OF UNITED STATES SURVEYOR.

Applies to notes describing surveys executed by W.H. Thorn, U.S. Surveyor in this book and in books (E),(F),(G),(I),(J),(K),(L),(M),(N),(O),(P),(Q),(R),(S) and (T).

I, W. H. Thorn, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona for Group 34 dated February 11th, 1914 and June 20th, 1914, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ^{the} Subdivision lines in Township 8 North, Ranges 6, 7, 8, 9, 10, 12, 13 & 14 West. Townships 7 North, Ranges 7, 11, 13 and 14 West, and Townships 6 North, Ranges 10, 11 and 13 West,

of the Gila & Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and those in books (E),(F),(G),(I),(J),(K),(L),(M),(N),(O),(P),(Q),(R),(S) and (T)} as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said surveys 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 Arizona for Group 34 and in the specific manner described in the field notes, and that the foregoing ^{and notes in books (E),(F),(G),(I),(J),(K),(L),(M),(N),(O),(P),(Q),(R),(S) and (T)} are the original field notes of such surveys.

W. H. Thorn
U. S. Surveyor.

Subscribed by said W. H. Thorn, and sworn to before me }
this 11 day of Sept, 1914
Charles Post,



County Clerk and Ex-Officio Clerk of the Superior Court
in and for San Bernardino County, State of California

J. E. Leeburn

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz. DEC 30, 1915

The foregoing field notes of the survey of the
Subdivision lines in
Township 8 North, Range 7 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 Longwell
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.~~