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Book "E" BOOK 2839
~ Subdivisions ~

FIELD NOTES

OF THE SURVEY OF THE

~~SURVEY OF THE GILA AND SALT RIVER BASE & MERIDIAN.~~

*Subdivision lines of
Township 8 North - Range 6 West*

Of the GILA AND SALT RIVER BASE & Meridian,

In the State of ARIZONA

EXECUTED BY

W. H. Thorn, U. S. Surveyor.

and

W. K. Kierulff, U. S. Transitman.

~~In the name of U. S. Surveyor~~, under instructions dated February 27, 1914,
issued by the United States Surveyor General to govern surveys included in
Group No. 34, which were approved by the Commissioner of the General Land
Office, February 20, 1914, pursuant to authority contained in the Act of
Congress dated _____, 191_____.

Survey commenced March 19, 1914.

Survey completed April 2, 1914.

BOOK 2839

Book "E"

INDEX DIAGRAM.

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2nd Standard Parallel North										
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W.R. Thorn.

W.R. Thorn.

Notes in book "A"

Notes in book "D"

Accepted surveys.

Unsurveyed lines.

Subdivision of Township 8 North, Range 6 West. 13

Chains.

Survey of the Subdivision lines in this township commenced March 19, 1914, and executed by W. K. Kierulff, U.S. Transitman, using a Young and Sons' light mountain transit No. 8492, and W. H. Thorn, U.S. Surveyor, using a Young and Sons' light mountain transit No. 8592, both of which instruments are described in Book "A." of field notes of this group of surveys.

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

W. K. K.

I examine the adjustments of the transit, and correct the level and collimation errors.

For the adjustments of the solar, see notes on the South bdy. of Tp. 8 N., R. 6 W. in Book "A."

At 8h. a.m., l.m.t., I set off $33^{\circ}59'N.$ on the lat. arc; $0^{\circ}41\frac{1}{2}'E.$ on the decl. arc, and determine a meridian with the solar at the cor. of secs. 31 and 32 on the south boundary of township, established by me, as described in Book "A." Lat. $33^{\circ}59'06"N.$; long. $112^{\circ}55'11"W.$

Thence I run,

$N.0^{\circ}01'E.$, 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 $18 \times 18 \times 12$ 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.

78.60 Arizona, and California Railroad brs. $N.75\frac{1}{4}^{\circ}E.$ and $S.75\frac{1}{4}^{\circ}W.$

Divide siding brs. $N.75\frac{1}{4}^{\circ}E.$, 40 chs.

79.25 Telegraph line, brs. $N.75\frac{1}{4}^{\circ}E.$ and $S.75\frac{1}{4}^{\circ}W.$

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 29, 30, 31 and 32, with brass cap, marked,

T 8 N, R 6 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 $18 \times 18 \times 12$ 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, with adobe subsoil, 2nd rate.

Timber, none.

Undergrowth, greasewood brush; grass.

West, on a random line, bet. secs. 30 and 31.

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

79.96 Intersect west bdy. of Tp., 2 lks. north of cor. of secs. 25, 30, 31 and 36, established by W.H. Thorn, as described in Book "A."

Thence I run,

$N.89^{\circ}59'E.$, on a true line, bet. secs. 30 and 31.

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,
 1914 in S. rim;

$\frac{1}{4}$ S 30 in N., and

S 31 in S. half;

dig pits $18 \times 18 \times 12$ ins., E. and W. of cor. 3 ft. dist.,

2. Subdivision of Township 8 North, Range 6 West.

Chains.

63.46 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 north of cor.
 79.96 Old road brs. N. 70° E. and S. 70° W.
 Cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, sandy, with adobe subsoil, 2nd rate.
 Timber, none.
 Undergrowth, greasewood brush.

5.00 N. $0^{\circ}01'$ E., bet. secs. 29 and 30.
 40.00 Over level land.
 Old road, brs. N. 70° E. and S. 70° 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 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,
 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 6 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.
 At this point; I set off $0^{\circ}38'$ S. on the decl. arc; and at
 12h. 8.m. p.m., 1.m.t., I observe the sun on the mer.;
 the resulting lat. is $34^{\circ}01'$ N.
 Land, level.
 Soil, sandy with adobe subsoil, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and scattering mesquite.

40.00 West, on a random line, bet. secs. 19 and 30.
 79.92 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect west bdy. of Tp., 2 links N. of cor. of secs. 19,
 24, 25 and 30, established by W.H. Thorn, as described
 in Book "A."
 Thence I run,
 N. $89^{\circ}59'$ E., on a true line, bet. secs. 19 and 30.
 Over level land, through greasewood and mesquite.
 39.96 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 1914 in S. rim;
 $\frac{1}{4}$ S 19 in N., and
 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.
 79.92 Cor. of secs. 19, 20, 29 and 30.
 Land, level.
 Soil, sandy with adobe subsoil.
 Timber, none.
 Undergrowth, greasewood and scattering mesquite.

Subdivision of Township 8 North Range 6 West. 3.

Chains.

40.00 N.0°01'E., bet. secs. 19 and 20. Over level land.
 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 S 20 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. 17, 18, 19 & 20, with brass cap, marked T 8 N R 6 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, west of cor.
 Land, level. Soil, sandy with adobe subsoil; 2nd rate. Timber, none. Undergrowth, greasewood and mesquite.

 West, on a random line, bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.93 Intersect W. bdy. of Tp., 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, established by W. H. Thorn, as described in Book "A." Thence I run, N. 89°59'E. on a true line, bet. secs. 18 and 19. Over level land.
 8.93 Dry wash, 15 lks. wide, 2 ft. banks, course S. 10°E.
 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 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.
 79.93 Cor. of secs. 17, 18, 19 and 20.
 Land, level. Soil, sandy, with adobe subsoil, 2nd rate. Timber, none. Undergrowth, greasewood and mesquite.
 March 19, 1914.

 March 20, 1914: At 8h. a.m., l.m.t., I set off 34°02'N. on the lat. arc; 0°18'S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20. Thence I run, N.0°01'E., bet. secs. 17 and 18. Over level land.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked, $\frac{1}{4}$ S 18 in W., and S 17 in E. half; 1914 in S. rim; dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 8, 17 and 18, with brass cap, marked, T 8 N R 6 W in N. half; S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW. quadrants; 1914 in S. rim; dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, level. Soil, sandy with adobe subsoil, 2nd rate. Timber, none. Undergrowth, greasewood, club cactus & mesquite.

 West, on a random line, bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.91 Intersect west bdy. of Tp., 2 lks. S. of the cor. of secs. 7, 12, 13 and 18, established by W. H. Thorn, as described in Book "A." Thence I run, S. 89°59'E., on a true line, bet. secs. 7 and 18. Over level land.

4 Subdivision of Township 8 North Range 6 West.

Chains.	
31.91	Dry wash, 15 lks. wide, 1 ft. banks, course south.
39.955	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap, marked,
	1914 in S. rim;
	$\frac{1}{4}$ S 7 in N., and
	S 18 in S. half; dig pits 18x18x12 ins., E.
	and W. of cor. 3 ft. dist., and raise a mound of earth
	3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
79.91	Cor. of secs. 7, 8, 17 and 18.
	Land, level. Soil, adobe and sand, 2nd rate.
	Timber none. Undergrowth, greasewood, mesquite and cactus.

	N. 0° 01' E. bet. secs. 7 and 8. Over level land.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor.; with brass cap, marked,
	$\frac{1}{4}$ S 7 in W.; and S 8 in E. half;
	1914 in S. rim; dig pits 18x18x12 ins., N.
	and S. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$
	ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
40.50	Dry wash, course S. 15° E.
44.00	Main chan el of same wash, 100 lks. wide, 2 ft. banks, course
	S. 15° E.
46.00	Leave wash,
49.00	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. 5, 6, 7 & 8, with brass cap, marked,
	1914 in S. rim; T 8 N R 6 W in N. half;
	S 6 in NW., S 5 in NE.,
	S 8 in SE., and S 7 in SW. quadrants;
	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.
	At this cor. I set off 0° 14 $\frac{1}{2}$ ' S. on decl. arc; and at 12h.
	7.8m. p.m., 1.m.t., I observe the sun on the meridian; the
	resulting lat. is 34° 03 $\frac{1}{2}$ ' N.
	Land, level. Soil, sandy with adobe subsoil, 2nd rate.
	Timber, none. Undergrowth, greasewood, mesquite and catsclaw
	brush. Thick growth of club cactus:

	West, on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.93	Intersect W. bdy. of Tp. at cor. of secs. 1, 6, 7 and 12, estab-
	lished by W. H. Thorn, as described in Book "A."
	Thence I run,
	East, on a true line, bet. secs. 6 & 7. Over gently rolling land.
14.83	Dry wash, 15 lks. wide; 2 ft. banks, course SE.
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 6 in N., and
	S 7 in S. half; dig pits 18x18x12 ins. E. and
	W. of cor. 13 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft.
	base, 1 $\frac{1}{2}$ ft. high, N. of cor.
58.50	Dry wash, 300 lks. wide, 3 ft. banks, course S.
60.15	Old road, brs. N. and S.
79.93	Cor. of secs. 5, 6, 7 and 8.
	Land, rolling. Soil, sandy with adobe subsoil; 2nd rate.
	Timber, none. Undergrowth, club cactus, greasewood, mesquite.

	N. 0° 01' E. on a true line, bet. secs. 5 and 6.
	Over gently rolling land.
39.50	Old road brs. N. 10° E. and S. 10° W.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
	$\frac{1}{4}$ S 6 in W., and
	S 5 in E. half;
	1914 in S. rim; dig pits 18x18x12 ins., N. and
	S. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft.
	base, 1 $\frac{1}{2}$ ft. high, west of cor.
65.94	Intersect Second Standard Parallel North. 10.80 chs. W.

Subdivision of Township 8 North, Range 6 West. 5.

Chains

of the standard cor. of secs. 31 and 32, T.9 N., R.6 W., which is a stone 6x10x9 ins. above ground, marked and witnessed as described by the Surveyor General.

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

C C S of center,
 T 9 N R 6 W in N. 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., crosswise on each line, E. and W. 3 ft. and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, south of cor.

Land, gently rolling.
 Soil, sandy, with adobe subsoil, 2nd rate.
 Undergrowth, greasewood, mesquite and club cactus.
 March 20, 1914.

March 21, 1914:
 At 8h. a.m., l.m.t., I set off 33°59' N. on the lat. arc; 0° 6' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on the south bdy. of Tp. established by me, as described in Book "A."

Thence I run,
 N. 0° 01' E., bet. secs. 32 and 33.

Over level land.

6.00 Old road brs. N. 70° W. and S. 70° 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 32 in W., and
 S 33 in E. half;
 1914 in S. rim;

dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with brass cap, marked,
 T 8 N R 6 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, west of cor.

Land, level.
 Soil, adobe, 2nd rate.
 Undergrowth, greasewood.

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

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

80.03 Intersect cor. of secs. 29, 30, 31 and 32.

Thence I run,
 East, on a true line, bet. secs. 29 and 32.

Over level land.

7.13 A. and C. railroad brs. N. 75 $\frac{1}{2}$ ° E. and S. 75 $\frac{1}{2}$ ° W.

29.00 Old 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 $\frac{1}{4}$ sec. cor., with brass cap, marked,

6. Subdivision of Township 8 North, Range 6 West.

Chains.

1914 in S.rim;
 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,
 N. of cor.
 80.03 Cor. of secs. 28, 29, 32 and 33.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood.

N. 0° 01' E., bet. secs. 28 and 29.
 Over level land.
 13.40 A. & C. RR. brs. N. 86° 50' W. and S. 86° 50' E.
 14.10 Telegraph line, brs. N. 86° 50' W. and S. 86° 50' E.
 17.50 Road brs. east.
 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 29 in W., and
 S 28 in E. half;
 1914 in S.rim;
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
 and raise a mound of earth 3 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. 20, 21, 28 and 29, with
 brass cap, marked,
 T 8 N R 6 W in N. half;
 S 20 in NW.,
 S 21 in NE.,
 S 28 in SE., and
 S 29 in SW. quadrants;
 1914 in S.rim;
 dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high, west of
 cor.
 At this cor., I set off 0° 09' N. on the decl. arc; and at
 12h. 7.5m. p.m., l.m.t., I observe the sun on the meri-
 dian; the resulting lat. is 34° 01' N.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood brush.

West, on a random line, bet. secs. 20 and 29.
 40.00 Set temp. 1/4 sec. cor.
 80.08 Intersect N. and S. line, 6 lks. N. of cor. of secs. 19, 20,
 29 and 30.
 Thence I run,
 N. 89° 57' E. on a true line, bet. secs. 20 and 29.
 Over level land.
 40.04 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for 1/4 sec. cor., with brass cap, marked,
 1914 in S.rim;
 1/4 S 20 in N., and
 S 29 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.
 80.08 Cor. of secs. 20, 21, 28 and 29.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood.

Subdivision of Township 8 North Range 6 West. 7.

Chains.

N.0°01'E., 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
 $\frac{1}{4}$ 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 6 W in N.half;
 S 17 in NW. q
 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, W.of cor.

Land, level.
 Soil, adobe subsoil, with sandy loam, 2nd rate.
 Timber, none.
 Undergrowth, greasewood brush.

West, on a random line, bet. secs.17 and 20;.

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

80.12 Intersect cor.of secs.17,18,19 and 20;
 Thence I run,
 East, on a true line, bet. secs.17 and 20.
 Over level land.

40.06 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor.,with brass cap, marked,
 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.

80.12 Cor.of secs.16,17,20 and 21.
 Land, level.
 Soil, sandy with adobe subsoil; 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite.
 March 21, 1914.

March 23, 1914:
 At 8h. a.m., l.m.t., I set off 34°02' N.on the lat.arc;
 0°53' N. on the decl.arc; and determine a meridian with the solar at the cor.of secs. 16,17,20 and 21,
 Thence I run,
 N.0°01'E. bet. secs. 16 and 17.
 Over level land.

21.00 Enter dry wash.

28.30 Main channel of wash, 100 lks.wide, 3 ft.banks, course SE.

29.30 Leave wash.

38.70 Dry wash, 50 lks.wide, 3 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 17 in W., and
 $\frac{1}{4}$ S 16 in E.half;
 1914 in S.rim;
 dig pits 18x18x12 ins., N.and S.of cor.3 ft.dist.,

8. Subdivision of Township 8 North, Range 6 West.

Chains.

80.00 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. 8, 9, 16 and 17, with brass cap, marked,
 T 8 N R 6 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, west of cor.
 Land, level.
 Soil, sandy, with adobe subsoil, 2nd rate.
 Timber, none.
 Undergrowth, greasewood brush; dense mesquite along washes.

40.00 West, on a random line, bet. secs. 8 and 17.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line, 4 links south of the cor. of secs. 7, 8, 17 and 18.
 Thence I run,
 S. $89^{\circ} 58'$ E., on a true line, bet. secs. 8 and 17.
 Over level land.
 27.10 Wash, dry, 75 lks. wide, 3 ft. banks, course SE.
 39.00 Dry wash, 75 lks. wide, 3 ft. banks, course SW.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 1914 in S. rim;
 $\frac{1}{4}$ S 8 in N., and
 S 17 in S. half; from which,
 A mesquite, 8 ins. in diam., brs. S. $2\frac{3}{4}^{\circ}$ W., 20 lks. dist., marked $\frac{1}{4}$ S 17 B T.
 A mesquite, 6 ins. in diam., brs. N. 80° W., 31 lks. dist., marked $\frac{1}{4}$ S 8 B T.
 40.85 Road brs. NW. and SE.
 57.00 Dry wash, 15 lks. wide, 3 ft. banks, course SW.
 80.10 Cor. of secs. 8, 9, 16 and 17.
 Land, level.
 Soil, sandy, with adobe subsoil, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite.

N. $0^{\circ} 01'$ E., bet. secs. 8 and 9.
 Over level land.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 8 in W., and
 S 9 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, 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. 4, 5, 8 and 9, with brass cap, marked,
 T 8 N R 6 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;

Subdivision of Township 8 North, Range 6 West. 9.

Chains.

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 with adobe subsoil, 2nd rate.
Timber, none.
Undergrowth, greasewood and mesquite and club cactus.
At this cor., I set off $0^{\circ}56\frac{1}{2}'$ N. on the decl. arc; and at 12h. 6.9m., p.m., l.m.t., observe the sun on the meridian; lat. $34^{\circ}03\frac{1}{2}'$ N.

West, on a random line, bet. secs. 5 and 8.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.05 Intersect N. and S. line, 5 lks. S. of cor. of secs. 5, 6, 7 and 8.
Thence, I run,
S. $89^{\circ}58'$ E., on a true line, bet. secs. 5 and 8.
Over level land.
22.05 Road, brs. NE. and SW.
38.55 Dry wash, 15 lks. wide, 3 ft. banks, course S. 5° W.
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,
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.
51.05 Dry wash, 15 lks. wide, 3 ft. banks, course SW.
77.25 Dry wash, 15 lks. wide, 3 ft. banks, course south.
80.05 Cor. of secs. 4, 5, 8 and 9.
Land, level.
Soil, sandy with adobe subsoil, 2nd rate.
Timber, none.
Undergrowth, greasewood, mesquite and club cactus.

N. $0^{\circ}01'$ E., 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;
66.02 Intersect Second Standard Parallel North, 10.93 chs. west of the Standard cor. of secs. 32 and 33, T. 9 N., R. 6 W., which is a stone 5x8x5 ins. above ground, marked and witnessed as described by the Surveyor General. 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,
C C S of center,
T 9 N R 6 W in N. half;
S 32 in NW.,
S 33 in NE.,
S 4 in SE.; and
S 5 in SW. quadrants;
1914 in S. rim;
dig pits 24x18x12 ins. crosswise on each line, E. and W. 3 ft., and S. of cor., 7 ft. dist.
Raise a mound of earth 4 ft. base, 2 ft. high, south of cor.
Land, level.
Soil, sandy, with adobe, 2nd rate.
Undergrowth, greasewood and mesquite.
March 23, 1914.

10. Subdivision of Township 8 North, Range 6 West.

Chains.

March 24, 1914:

At 8h. a.m., l.m.t., I set off $1^{\circ}16\frac{1}{2}'N.$ on the decl.arc; $33^{\circ}59'N.$ on the lat.arc, and determine a meridian with the solar at the cor.of secs.3,4,33 and 34 on the south boundary of Tp., established by me, as described in Book "A."

Thence I run, $N.0^{\circ}02'E.$, bet. secs.33 and 34.
Over gradual slope to the north.

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 $\frac{1}{4}$ S 34 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. 27,28, 33 and 34, with brass cap, marked, T 8 N R 6 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 $18 \times 18 \times 12$ 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,nearly level.
Soil, sandy, with caliche subsoil, 3rd rate.
Timber, none.
Undergrowth, greasewood.

West, on a random line bet. secs.28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec.cor.
80.03 Intersect N.and S. line, 5 lks.south of cor.of secs.28, 29,32 and 33.

Thence I run, $S.89^{\circ}58'E.$, on a true line, bet. secs. 28 and 33.
Over gently rolling land.

40.015 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 28 in N., and $\frac{1}{4}$ S 33 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, north of cor.

42.23 Dry wash, 10 lks.wide, 2 ft.banks, course $N.15^{\circ}E.$

66.13 Road brs. $N.5^{\circ}E.$ and $S.5^{\circ}W.$

80.03 Cor.of secs.27,28,33 and 34.
Land, gently rolling.
Soil, sandy with caliche subsoil, 3rd rate.
Timber, none.
Undergrowth, greasewood.

 $N.0^{\circ}02'E.$, bet. secs.27 and 28.
Over level land.

6.80 Road brs.E.and W.
9.10 Arizona and California R.R. brs. $N.86^{\circ}50'W.$, and $S.86^{\circ}50'E.$ Trestle No.7 brs.2.00 chs.east.
9.80 Telegraph line, brs. $N.86^{\circ}50'W.$ and $S.86^{\circ}50'E.$
20.00 Road brs. $E.45^{\circ}E.$ and $S.45^{\circ}W.$

Subdivision of Township 8 North, Range 6 West. 11.

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, W. of cor.

73.00 Dry wash, 125 lks. wide, 4 ft. banks, course S. 80° E.

79.85 Dry wash, 30 lks. wide, 4 ft. banks, course SE.

80.00 True point for sec. cor. falls in center of wash. Impracticable to establish sec. cor. at this point; therefore, at

79.50 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for witness cor. to cor. of secs. 21, 22, 27 and 28, with brass cap, marked, T 8 N, R 6 W in N. half; W C N of center, S 21 in NW., S 22 in NE., S 27 in SE.; and S 28 in SW. quadrants; 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.

At this cor., I set off 1° 20' N. on the decl. arc, and at 12h. 6.5m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is 34° 01' N.

Land, level.
Soil, sandy with caliche subsoil, 3rd rate.
Timber, none.
Undergrowth, greasewood.

West, on a random line, bet. secs. 21 and 28, from true point for cor. of secs. 21, 22, 27 and 28.

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

80.02 Intersect N. and S. line, 2 lks. south of cor. of secs. 20, 21, 28 and 29.

Thence I run, S. 89° 59' E., on a true line, bet. secs. 21 and 28. 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 21 in N., and 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.

71.52 Dry wash, 125 lks. wide, 4 ft. banks, course SE.

74.52 Dry wash, 50 lks. wide, 1 ft. banks, course SE.

80.02 True point for cor. of secs. 21, 22, 27 and 28.

Land, level.
Soil, sandy with caliche subsoil, 3rd rate.
Timber, none.
Undergrowth, greasewood.

N. 0° 02' E., bet. secs. 21 and 22, from true point for cor. of secs. 21, 22, 27 and 28. Over level land.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked, $\frac{1}{4}$ S 21 in W., and S 22 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 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. 15, 16, 21 and 22, with brass cap, marked,

- T 8 N R 6 W in N. half;
- S 16 in NW.,
- S 15 in NE.,
- S 22 in SE., and
- S 21 in SW. quadrants;
- 1914 in S. rim;

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

Land, level.

Soil, sandy, with caliche subsoil, 3rd rate.

Timber, none.

Undergrowth, greasewood and mesquite.

West, on a random line, bet. secs. 16 and 21.

40.00 Set temp. 1/4 sec. cor.

79.97 Intersect cor. of secs. 16, 17, 20 and 21.

Thence I run,

East, on a true line, bet. secs. 16 and 21.

Over gently rolling land.

39.97 Dry wash, 200 lks. wide, 3 ft. banks, course SE.

39.985 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 16 in N., and
- 1/4 S 21 in S. half;

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

79.97 Cor. of secs. 15, 16, 21 and 22.

Land, gently rolling.

Soil, sandy, with caliche subsoil, 3rd rate.

Undergrowth, greasewood brush.

March 24, 1914.

March 25, 1914:

At 8h. a.m., l.m.t., I set off 1°40' N. on the decl. arc; 34°02' N. on lat. arc; and determine a meridian with the solar at the cor. of secs. 15, 16, 21 and 22.

Thence I run,

N. 0°02' E., 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, 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. 9, 10, 15 and 16, with brass cap, marked,

- T 8 N, R. 6 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.

Chains.

5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.
 Land, level.
 Soil, south half, sandy with caliche subsoil; north half, adobe, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, greasewood.

40.00 West, on a random line, bet. secs. 9 and 16.
 Set temp. ¼ sec. cor.
 80.01 Intersect cor. of secs. 8, 9, 16 and 17.
 Thence I run,
 East, on a true line, bet. secs. 9 and 16.
 18.61 Dry wash, 15 lks. wide, 3 ft. banks, course SW.
 40.005 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked, 1914 in S. rim; ¼ S 9 in N., and S 16 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.
 80.01 Cor. of secs. 9, 10, 15 and 16.
 Land, level.
 Soil, adobe, with caliche subsoil, 3rd rate.
 Timber, none.
 Undergrowth, greasewood.

40.00 N. 0° 02' E., bet. secs. 9 and 10.
 Over level land.
 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 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 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. 3, 4, 9 and 10, with brass cap, marked,
 T 8 N R 6 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. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.
 At this point, I set off 1° 43½' N. on the decl. arc; and at 12h. 6.3m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is 34° 03½' N.
 Land, level.
 Soil, adobe, with caliche subsoil, 3rd rate.
 Timber, none.
 Undergrowth, greasewood.

40.00 West, on a random line, bet. secs. 4 and 9.
 Set temp. ¼ sec. cor.
 80.06 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 4, 5, 8 and 9.

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Chains.

- Thence I run,
N.89°58'E., on a true line, bet. secs.4 and 9.
Over level land.
- 40.03 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., with brass cap, marked,
1914 in S.rim;
 $\frac{1}{4}$ 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 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, north of cor.
- 42.86 Dry wash, 10 lks.wide, 3 ft.banks, course S.5° W.
- 80.06 Cor.of secs.3,4,9 and 10.
Soil, adobe with caliche subsoil, 3rd rate. Land, level.
Timber, none.
Undergrowth, greasewood.
-
- N.0°02'E., on a true line, bet. secs.3 and 4.
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 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.
- 66.09 Intersect Second Standard Parallel North, 10.91 chs.west of the Standard cor. of secs.33 and 34, T.9 N.,R.6 W., which is a mesquite post 4 ins. square, 12 ins. above ground, marked and witnessed as described by the Surveyor General.
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. 3 and 4, with brass cap, marked,
C C S of center,
T 9 N, R 6 W in N.half;
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. crosswise on each line, E.and W.3 ft., and S.of cor.7 ft.dist.; raise a mound of earth 4 ft.base, 2 ft.high, south of cor.
Land, level.
Soil, adobe, with caliche subsoil, 3rd rate.
Timber, none.
Undergrowth, greasewood.
- March 25, 1914.
-
- March 26, 1914:
At 8h. a.m., l.m.t., I set off 2° 4' N. on the decl.arc; 33° 59' N. on the lat.arc; and determine a meridian with the solar at the cor.of secs.2,3,34 and 35, on the south bdy.of the Tp., established by me, as described in Book "A."
- Thence I run,
N.0°02'E., bet. secs.34 and 35.
Descend NE. slope.
- 20.00 Foot of hill, rolling 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;

Subdivision of Township 8 North, Range 6 West. 15.

Chains

Pits impracticable;
raise a mound of stone 3 ft. base, 2 ft. high, west of cor.

55.00

Descend N. slope.

60.00

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. 26, 27, 34 and 35, with brass cap, marked.

T 8 N R 6 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 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.

Land, 0 to 20 chs. malpais, 4th rate; 20.00 to 60.00 chs., rolling, 4th rate. 60.00 to 80.00 chs., level, 2nd rate.

Timber, none.

Undergrowth, greasewood.

At this cor., I set off 2° 07' N. on the decl. arc; and at 12h. 06m. p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 34° 00' N.

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

40.00

Set temp. 1/4 sec. cor.

79.96

Intersect. cor. of secs. 27, 28, 33 and 34.

Thence I run,

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

Over level land.

7.96

Water hole 200x30 links, 2 chs. north of line, brs. NW. and SE.

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,

1914 in S. rim;

1/4 S 27 in N., and

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.

79.96

Cor. of secs. 26, 27, 34 and 35.

Land, level.

Soil, sandy surface; adobe subsoil; 2nd rate.

Timber, none.

Undergrowth, greasewood.

March 26, 1914.

March 27, 1914:

At 8h. a.m., l.m.t., I set off 2° 27' N. on the decl. arc; 34° 00' N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 26, 27, 34 and 35,

Thence I run,

N. 0° 02' E., bet. secs. 26 and 27.

Over level land.

3.80

Road brs. N. 86° 50' W. and S. 86° 50' E.

4.80

Arizona and California R.R. brs. N. 86° 50' W. and S. 86° 50' E.

5.40

Telegraph line, brs. N. 86° 50' W. and S. 86° 50' E.

14.80

Dry wash, 150 lks. wide, 4 ft. banks, course SE.

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 27 in W., and

S 26 in E. half;

1914 in S. rim;

dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.,

16. Subdivision of Township 8 North Range 6 West.

Chains.

and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor.
 67.20 Road brs. N. 75° E. and S. 75° W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap, marked;
 T 8 N R 6 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 $18 \times 18 \times 12$ 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, adobe, 2nd rate.
 Timber, mesquite along washes.
 Undergrowth, greasewood brush.

West, on a random line, bet. secs. 22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. and S. line, 5 lks. S. of the true point for cor. of secs. 21, 22, 27 and 28.
 Thence I run,
 S. $89^\circ 58'$ E., on a true line, bet. secs. 22 and 27.
 Over level land.
 32.28 Road brs. N. 10° E. and S. 10° W.
 39.99 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 $18 \times 18 \times 12$ 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.
 79.98 Cor. of secs. 22, 23, 26 and 27.
 At this cor., I set off $2^\circ 30\frac{1}{2}'$ N. on the decl. arc; and at 12h. 5.7m. p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is $34^\circ 01'$ N.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, greasewood.

N. $0^\circ 02'$ E., bet. secs. 22 and 23.
 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 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.
 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 6 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, W. of cor.

Subdivision of Township 8 North, Range 6 West. 17.

Chains.

Land, level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, greasewood.

West, on a random line, bet. secs. 15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.03 Intersect N. and S. line, 4 lks. N. of the cor. of secs. 15, 16, 21 and 22.
 Thence I run,
 N. $89^{\circ}58'$ E. on a true line, bet. secs. 15 and 22.
 Over level land.
 40.015 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.
 52.73 Road brs. N. and S.
 80.03 Cor. of secs. 14, 15, 22 and 23.
 Land, level.
 Soil, adobe, 2nd rate.
 Undergrowth, greasewood.

March 27, 1914.
W.K.K.

W.H.T. March 30, 1914:
 For the adjustment of the transit, see notes on the west boundary of T. 8 N., R. 7 W., Book "A."
 At 10h. a.m., l.m.t., I set off $3^{\circ}39'$ N. on the decl. arc; $34^{\circ}02'$ N. on the lat. arc; and determine a meridian at the cor. of secs. 14, 15, 22 and 23.
 Thence I run,
 N. $0^{\circ}02'$ E., bet. secs. 14 and 15.
 Over level land.
 34.80 Dry wash, 4 lks. wide, 1 ft. banks, course S. 40° 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 15 in W., and
 S 14 in E. half;
 1914 in S. rim;
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor.
 60.80 Dry wash, 10 lks. wide, $2\frac{1}{2}$ ft. banks, course S. 70° E.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, with brass cap, marked,
 T 8 N R 6 W in N. half;
 S 10 in NW.,
 S 11 in NE.,
 S 14 in SE., and
 S 15 in SW. quadrants;
 1914 in S. rim;
 dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.
 Land, level.
 Soil, sandy loam, caliche subsoil, 2nd rate.
 Timber, scrub palo verde along washes.
 Undergrowth, greasewood and mesquite.

18. Subdivision of Township 8 North, Range 6 West.

Chains.

- West, on a random line, bet. secs.10 and 15.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.01 Intersect N.and S. line, 2 lks.N.of cor.of secs.9,10,15
 and 16.
 Thence I run,
 N.89°59'E., on a true line, bet. secs.10 and 15.
 Over level land.
 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,
 1914 in S.rim;
 $\frac{1}{4}$ S 10 in N., and
 $\frac{1}{4}$ S 15 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.
 54.30 Road brs.N.10°E. and S.10°W.
 80.01 Cor.of secs.10,11,14 and 15.
 Land,level.
 Soil,sandy, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite; club cactus.

- N.0°02'E., bet. secs.10 and 11.
 Over level land.
 9.10 Dry wash, 60 lks.wide, 3 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 10 in W., and
 $\frac{1}{4}$ S 11 in E.half;
 1914 in S.rim;
 dig pits 18x18x12 ins., N.and S.of cor., 3 ft.dist.,
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 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 8 N R 6 W in N.half;
 S 3 in NW.
 S 2 in NE.
 S 11 in SE., and
 S 10 in SW.quadrants;
 1914 in S.rim;
 dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.,and
 raise a mound of earth 4 ft.base, 2 ft.high,west of
 cor.
 Land,level.
 Soil,sandy, with adobe.
 Timber, none.
 Undergrowth, greasewood and mesquite.
 Club cactus.
 Could not take noon observation on account of cloudy
 weather.

- West, on a random line, bet. secs.3 and 10.
 Over level land.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.02 Intersect cor.of secs.3,4,9 and 10.
 Thence I run,
 East, on a true line, bet. secs.3 and 10. 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 3 in N.,and
 S 10 in S.half;
 dig pits 18x18x12 ins., E.and W.of cor. 3 ft.dist.,

Subdivision of Township 8 North, Range 6 West. 19.

Chains.

and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 N^o of cor.
 60.00 Road brs. N. 10° E. and S. 10° W.
 76.00 Dry wash, 40 lks. wide, 3 ft. banks, course S. 10° W.
 80.02 Cor. of secs. 2, 3, 10 and 11.
 Land, level.
 Soil, sandy loam, 2nd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite; club cactus.

N. $0^{\circ}02'$ E., on a true line, bet. secs. 2 and 3.
 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 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.

66.21 Intersect Second Standard Parallel North, 10.97 chs. west
 of the Standard cor. of secs. 34 and 35, T. 9 N., R. 6 W.,
 which is a mesquite post 3x3 ins., $1\frac{1}{2}$ ft. above ground
 firmly set, marked and witnessed as described by the
 Surveyor General. At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
 in the ground for closing cor. of secs. 2 and 3, with
 brass cap, marked,
 T 9 N, R 6 W in N. half;
 C C S of center,
 S 34 in NW.,
 S 35 in NE.,
 S 2 in SE., and
 S 3 in SW. quadrants;
 1914 in S. rim;
 dig pits 24x18x12 ins., crosswise on each line, E. and
 W., 3 ft. and S. of cor. 7 ft. dist.
 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.
 March 30, 1914.

W. H. Shorn
 U. S. Surveyor.

20. Subdivision of Township 8 North, Range 6 West.

Chains.

W.K.K.

March 30, 1914:

At 8h. a.m., l.m.t., I set off 3°37½' N. on the decl. arc; 33°59' N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36 on the south bdy. of Tp., established by me, as described in Book "A."

Thence I run, N. 0°03' E., bet. secs. 35 and 36. Descend gradual slope to the north.

13.50

Road, brs. E. and W.

14.00

Level valley brs. east.

19.00

Ascend south slope, covered with malpais.

34.00

Top of hill extends 2.00 chs. east and west.

40.00

Set an iron post 3 ft. long, 1 in. in diam., in a mound of stone 3 ft. base, 2½ ft. high for ¼ sec. cor., with brass cap, marked,

¼ S 35 in W., and
S 36 in E. half;
1914 in S. rim;

pits impracticable. Raise a mound of stone 3 ft. base, 3 ft. high, west of cor.

41.80

Descend N. slope.

58.00

Foot of hill.

70.00

Descend north slope.

74.00

Foot of descent; level valley, brs. east.

75.60

Dry wash, 50 lks. wide, 2 ft. banks, course E. Cross island.

78.70

Dry wash, 100 lks. wide, 2 ft. banks, course S. 75° E.

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 6 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. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.

Land, mountainous.
Soil, 4th rate and rocky.
Timber, none.
Undergrowth, greasewood.

At this cor., I set off 3°41' N. on the decl. arc, and at 12h. 04.7m., p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is 34°00' N.

March 30, 1914.

March 31, 1914:

At 9h. a.m., l.m.t., I set off 4° 1½' N. on the decl. arc; 34°00' N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 25, 26, 35 and 36.

Thence I run, West, on a random line, bet. secs. 26 and 35.

40.00

Set temp. ¼ sec. cor.

80.06

Intersect N. and S. line 2 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence I run, N. 89°59' E., on a true line, bet. secs. 26 and 35.

40.03

Over gently rolling land. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., with brass cap, marked,

1914 in S. rim;
¼ 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 3½ ft. base, 1½ ft. high, north of cor.

Subdivision of Township 8 North, Range 6 West. 21.

Chains.
 40.06 Railroad, Trestle No.6, brs.N. 3.00 chs.
 40.26 Road brs.N.70° W. and S.70° E.
 43.50 Dry wash, 100 lks.wide, 4 ft.banks, course SE.
 60.00 Railroad Trestle No.5, brs.N.3 chs.
 62.00 Dry wash, 75 lks.wide, 5 ft.banks, course SE.
 75.10 Road brs.N.85°E. and S.85°W.
 80.06 Cor.of secs.25,26,35 and 36.
 Land, rolling 20.00 chs., rocky.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite.
 At this cor., I set off 4°04'N. on the decl.arc; and at
 12h. 04.5m.p.m., l.m.t., I observe the sun on the meri-
 dian; the resulting lat.is 34° 00'N.

Since the south bdy. of sec.36 intersects the east bdy.
 of Tp.8 N., R.6 W., 6.30 chs.north of the cor.of Ts.
 7 and 8 N., R.5 W., I run,
 East, on a true line, bet. secs.25 and 36.
 3.30 Enter dry wash, 150 lks.wide, 3 ft.banks, from south; fol-
 low it to
 28.00 Leave wash, course NW. around point.
 Ascend slope to NW.
 31.00 Top of hill, extends 5.00 chs.north. Hill gets higher
 to the south.
 Descend NE. slope.
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 1 ft. in
 the ground (could not set deeper for solid rock), for
 1/4 sec.cor., with brass cap, marked,
 1914 in S.rim;
 1/4 S 25 in N., and
 S 36 in S.half; pits impracticable. Raise
 2 mound of stone 2 ft.base, 1 1/2 ft.high around post at base.
 Build a mound of stone 3 ft.base, 2 1/2 ft.high, N.of cor.
 44.00 Road brs.N.50°W. and S.50°E.
 46.80 Arizona and California Railroad brs.N.50°W. and S.50°E.
 47.50 Telegraph line parallel to railroad.
 50.00 Dry wash, 40 lks.wide, course S.50°E.
 52.00 Ascend west slope; altitude. 240 ft.
 71.00 Top of hill brs.N.and S. South end 10 chs.dist.
 75.00 Descend east slope, 210 ft.descent to corner.
 89.49 Intersect east bdy.of Tp., 6.17 chs.N0°0'E. of the original
 cor.of secs.25,30,31 and 36, which is a malpais boulder
 6x4x3 ins. above ground, properly marked; stone has
 circles of stone around it, and four bearing trees;
 change this old cor.to refer to secs.30 and 31, T.8 N.,
 R.5 W. only, and at point of intersection,
 Set an iron post 3 ft.long, 2 ins. in diam., in a mound
 of stone 3 ft. base, 2 1/2 ft.high for closing cor.of
 secs. 25 and 36, with brass cap, marked,
 C C E of center,
 T 8 N in N.half;
 S 25 in NW.,
 S 30 in NE.,
 S 31, R 5 W in SE., and
 S 36, R 6 W in SW.quadrants;
 1914 in S.rim; pits impracticable;
 raise a mound of stone 3 ft.base, 3 ft.high, west
 of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, scattering greasewood.
 March 31, 1914.

22. Subdivision of Township 8 North, Range 6 West.

Chains.

- April 1, 1914:
At 8h. a.m., l.m.t., I set off $4^{\circ}24'$ N.on the decl.arc;
 $34^{\circ}00'$ N.on the lat.arc, and determine a meridian with
the solar at the cor.of secs. 25,26,35 and 36.
- Thence I run,
N. $0^{\circ}03'$ E., bet. secs.25 and 26.
Over mountainous land.
- 1.00 Road brs.E.and W.
5.90 Arizona and California R.R. brs.N. $83^{\circ}22'$ E. and S. $83^{\circ}22'$ W.
6.50 Telegraph line brs.N. $83^{\circ}22'$ E. and S. $83^{\circ}22'$ W.
30.00 Ascend SW. slope. Ascend 100 ft.to
40.00 Set an iron post 3 ft.long, 1 in. in diam., 1 ft. in the
ground (could not set deeper for solid rock); raise
a mound of stone around post 2 ft. base, $1\frac{1}{2}$ ft. high,
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; from which,
A palo verde, 5 ins. in diam., brs.S. $44^{\circ}07'$ W.,
34 lks.dist., marked $\frac{1}{4}$ S 26 B T.
A palo verde, 5 ins. in diam., brs.S. $85\frac{3}{4}^{\circ}$ E., 121
lks.dist., marked $\frac{1}{4}$ S 25 B T.
- Top of spur ridge, slopes to the NW., higher to the SE.;
ascend.
- 50.00 Top of hill, 75 ft. above cor. brs.NW. and SE. Hill ends
15 chs.NW.
- 55.00 Descend NE. slope.
69.00 Foot of hill;thence over level land.
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 6 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, south 69 chs. mountainous, covered with malpais
boulders. North, 11 chs.level.
Soil on level, 2nd rate. Mountainous, 4th rate.
Timber, scattering palo verde.
Undergrowth, greasewood.
-
- West, 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, 6 lks.S.of the cor.of secs.22,23,
26 and 27.
- Thence I run,
S. $89^{\circ}57'$ E., on a true line, bet. secs.23 and 26.
- 30.00 Dry wash, 50 lks.wide, 4 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,
1914 in S.rim;
 $\frac{1}{4}$ S 23 in N., and
S 26 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.23,24,25 and 26.
Land,gently rolling.
Soil, sandy, 2nd rate.
Timber, none.
Undergrowth, greasewood.
-

Subdivision of Township 8 North, Range 6 West. 23.

Chains.	
	East, on a true line, bet. secs. 24 and 25 Over rolling land.
23.90	Dry wash, 50 lks. wide, 3 ft. banks, course SE.
38.80	Dry wash, 10 lks. wide, 3 ft. banks, course SE.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked, 1914 in S. 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.
51.70	Dry wash, 50 lks. wide, 3 ft. banks, course SE.
65.00	Descend east slope.
65.50	Bottom of east slope, wash, 30 lks. wide, 2 ft. banks, course south.
66.00	Ascend west slope.
73.00	Top of ascent; thence over rolling land.
89.47	Intersect east bdy. of Tp., 6.23 chs. N. $0^{\circ} 01' E$. of the original corner of secs. 19, 24, 25 and 30, which is a malpais boulder 12x10x3 ins. above ground, properly marked; mound of stone 3 ft. base, 3 ft. high. Change this old cor. to refer to secs. 19 and 30, T. 8 N., R. 5 W. only, and 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. 24 and 25, with brass cap, marked, C C E of center, T 8 N in N. half; S 24 in NW., S 19 in NE., S 30, R 5 W in SE., and S 25, R 6 W in SW. quadrants; 1914 in S. rim; dig pits 24x18x12 ins., crosswise on each line, N. and S. 3 ft., and W. of cor. 7 ft. dist. Raise a mound of earth 4 ft. base, 2 ft. high, west of cor. Land, rolling. Soil, 3rd rate; Timber, none. Undergrowth, greasewood. At this cor., I set off $4^{\circ} 27\frac{1}{2}' N$. on the decl. arc, and at 12h. 4. lm. p.m., 1. m. t., I observe the sun on the meridian; the resulting lat. is $34^{\circ} 01' N$.
<hr style="border-top: 1px dashed black;"/>	
	N. $0^{\circ} 03' E$, bet. secs. 23 and 24.
21.60	Dry wash, 50 lks. wide, 3 ft. banks, course SE.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked, 1914 in S. rim; $\frac{1}{4}$ S 23 in W., and S 24 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. 13, 14, 23 and 24, with brass cap, marked, T 8 N R 6 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.

24. Subdivision of Township 8 North. Range 6 West.

Chains.

Land rolling.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, greasewood and mesquite.

40.00 West, on a random line, bet. secs. 14 and 23.
80.04 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 6 lks. S. of cor. of secs. 14, 15,
22 and 23.

Thence I run,
S. $89^{\circ}57'E.$, on a true line, bet. secs. 14 and 23.
Over gently rolling land.
15.29 Dry wash, 25 lks. wide, 5 ft. banks, course south.
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 14 in N., and
 $\frac{1}{4}$ S 23 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.

49.00 Road brs. N. and S.
80.04 Cor. of secs. 13, 14; 23 and 24.
Land, gently rolling.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, greasewood.

East, on a true line, bet. secs. 13 and 24.
Over rolling land.
26.00 Dry wash, 75 lks. wide, 3 ft. banks, course SE.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., 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, N.
of cor.
46.00 Dry wash, 50 lks. wide, 3 ft. banks, course SE.
56.00 Dry wash, 15 lks. wide, 2 ft. banks, course south.
67.50 Road brs. N. and S.
79.00 Dry wash, 10 lks. wide, 2 ft. banks, course south.
89.48 Intersect east bdy. of Tp. 6. 15 chs. N. 0 0 1 E. of original
cor. of secs. 13, 18, 19 and 24, which is a malpais boulder
6x8x4 ins. above ground, properly marked and witnessed by mound of stone. I change this old cor. to
refer to secs. 18 and 19, T. 8 N., R. 5 W. only, and 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. 13 and 24, with
brass cap, marked,
C C E of center,
T 8 N in N. half;
S 13 in NW.,
S 18 in NE.,
S 19, R 5 W in SE., and
S 24, R 6 W in SW. quadrants;
1914 in S. rim; from which,
A corona christo, 18 ins. in diam., brs. N. 15°
E., 24 lks. dist., marked C C T 8 N R 5 W
S 18 B T.

No other tree available. Pits impracticable. Build
a mound of stone 3 ft. base, $2\frac{1}{2}$ ft. high, west of cor.
Land, rolling.

Chains.

Soil, sandy, 4th rate.
Undergrowth, greasewood and mesquite.
April 1, 1914.

April 2, 1914:
At 8h. a.m., 1.m.t., I set off 4°47'N. on the decl. arc;
34°02'N. on the lat. arc; and determine a meridian
with the solar at the cor. of secs. 13, 14, 23 and 24.

Thence I run,
N. 0°03' E., bet. secs. 13 and 14.
39.75 Enter wash, 75 lks. wide, 3 ft. banks, course SE., and follow up its bed.

40.00 True point for 1/4 sec. cor. falls in above wash. Impracticable to establish 1/4 sec. cor. at this point; therefore at

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

W C 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 1/2 ft. base, 1 1/2 ft. high, west of cor.

49.00 Leave wash, course SE.

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 6 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 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.

Land, gently rolling.
Soil, sandy, 3rd rate.
Timber none.
Undergrowth, greasewood and mesquite.

40.00 West, on a random line, bet. secs. 11 and 14.

80.10 Set temp. 1/4 sec. cor.

Intersect N. and S. line, 6 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence I run,
S. 89°57' E. on a true line, bet. secs. 11 and 14.

6.80 Over rolling land.
Dry wash, 50 lks. wide, 3 ft. banks, course SE.

38.00 Road brs. N. and S.

40.05 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 11 in N., and
S 14 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.

64.00 Dry wash, 75 lks. wide, 3 ft. banks, course SE.

80.10 Cor. of secs. 11, 12, 13 and 14.

Land, rolling.
Soil, sandy, 3rd rate. Timber, none.
Undergrowth greasewood and mesquite.

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Chains.

- East, on a true line, bet. secs. 12 and 13.
Over rolling land.
- 8.00 Dry wash, 10 lks. wide, 3 ft. banks, course SE.
- 29.00 Dry wash, 25 lks. wide, 3 ft. banks, course south.
- 36.00 Old road, brs. N. and S.
- 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 12 in N., and
S 13 in S. half; from which,
A corona christo, 6 ins. in diam., brs. S. $67\frac{1}{2}^{\circ}$ E., 82 lks. dist., marked $\frac{1}{4}$ S 13 B T.
A corona christo, 6 ins. in diam., brs. N. $45\frac{1}{2}^{\circ}$ W., 94 lks. dist., marked $\frac{1}{4}$ S 12 B T.
- 41.00 Descend gradual east slope.
- 49.25 Foot of descent, dry wash, 50 lks. wide, 5 ft. banks, course S. 10° E.
- 67.50 Dry wash, 20 lks. wide, 3 ft. banks, course S. 10° E.
- 86.00 Dry wash, 25 lks. wide, 2 ft. banks, course south.
- 89.38 Intersect east bdy. of Tp., 6.10 chs. N. $0^{\circ} 1' E$ of the orig. cor. of secs. 7, 12, 13 and 18, which is a malpais stone 12x12x5 ins. above ground, properly marked and witnessed by a mound of stone. I change this cor. to refer to secs. 7 and 18, T. 8 N., R. 5 W. only, and 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. 12 and 13, with brass cap, marked,
C C E of center,
T 8 N in N. half;
S 12 in NW.
S 7 in NE.
S 18, R 5 W in SE., and
S 13, R 6 W in SW. quadrants;
1914 in S. rim;
dig pits 24x18x12 ins. crosswise on each line, N. and S. 3 ft., and W. of cor., 7 ft. dist. Raise a mound of earth 4 ft. base, 2 ft. high, west of cor.
A corona christo, 10 ins. in diam., brs. N. $75\frac{1}{2}^{\circ}$ W. 33 lks. dist., marked T 8 N R 6 W S 12 B T.
At this cor. I set off $4^{\circ} 50\frac{1}{2}' N$. on decl. arc, and at 12h. 3.8m.p.m., l.m.t., I observe the sun on the meridian; the resulting lat. is $34^{\circ} 02\frac{1}{2}' N$.
Land, rolling.
Soil, sandy, 4th rate.
Timber, none.
Undergrowth, greasewood and mesquite.
-
- N. $0^{\circ} 03' E$, bet. secs. 11 and 12.
- 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, west of cor.
- 68.00 Dry wash, 10 lks. wide, 3 ft. banks, course S. 10° E.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, with brass cap, marked,
T 8 N R 6 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

Subdivision of Township 8 North, Range 6 West.

Chains.

raise a mound of earth 4 ft. base, 2 ft. high, west of cor
Land, rolling.
Timber, none.
Soil, sandy, 3rd rate.
Undergrowth, greasewood and mesquite.

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

40.00

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

80.02

Intersect N. and S. line, 7 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence I run,

S. 89° 57' E., on a true line, bet. secs. 2 and 11.

Over rolling land.

15.32

Dry wash, 10 lks. wide, 2 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,

1914 in S. rim;
 $\frac{1}{4}$ S 2 in N., and
 $\frac{1}{4}$ S 11 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.

43.32

Dry wash, 50 lks. wide, 3 ft. banks, course S. 5° E.

78.52

Dry wash, 10 lks. wide, 2 ft. banks, course SE.

80.02

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

Land, rolling.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood and mesquite.

Club cactus.

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

Over rolling land.

14.10

Dry wash, 10 lks. wide, 3 ft. banks, course south.

20.15

Road, brs. NW. and SE.

34.40

Dry wash, 10 lks. wide, 2 ft. banks, course SE.

40.00

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

1914 in S. rim;
 $\frac{1}{4}$ S 1 in N., and
 $\frac{1}{4}$ 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.

52.10

Dry wash, 20 lks. wide, 3 ft. banks, course south.

73.00

Road brs. NE. and SW.

77.10

Telephone line to Congress Mine, brs. N. 2° W. and S. 2° E.

89.34

Intersect E. bdy. of Tp., 6.05 chs. N. of O. E. of original cor. of secs. 1, 6, 7 and 12, which is a malpais boulder 6x5x4 ins. above ground, properly marked and witnessed by a mound of stone. I change this old cor. to refer to secs. 6, and 7, T. 8 N., R. 5 W. only; and at point of intersection,

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 1 and 12, with brass cap, marked,

VC C E of center,
T 8 N in N. half;
S 1 in NW.,
S 6 in NE.,
S 7, R 5 W in SE., and
S 12, R 6 W in SW. quadrants;
1914 in S. rim;

dig pits 24x18x12 ins. crosswise on each line, N. and S. 3 ft. and W. of cor., 7 ft. dist. Raise a mound of

28 Subdivision of Township 8 North, Range 6 West

Chains.

earth 4 ft. base, 2 ft. high, west of cor.
 Land, rolling.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, greasewood and mesquite.
 Club cactus.

N. 0° 03' E., on a true line, bet. secs. 1 and 2.
 Over rolling land.

15.50

Wagon road, brs. NW. and SE.

40.00

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

dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist.,
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft high, W.
 of cor.

66.37

Intersect Second Standard Parallel North, 11.02 chs. west
 of the standard cor. of secs. 35 and 36, T. 9 N., R. 6 W.,
 which is a stone 6x6x8 ins. above ground, properly
 marked. No trace of pits or mound. 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. 1 and 2, with
 brass cap, marked,

T 9 N R 6 W in N. half;

C C S of center,

S 35 in NW.,

S 36 in NE.,

S 1 in SE., and

S 2 in SW. quadrants;

1914 in S. rim;

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

Land, rolling.

Soil, sandy, 3rd rate.

Undergrowth, greasewood and mesquite, club cactus.

April 2, 1914.

W.K.K.

GENERAL DESCRIPTION.

The southeastern cor. of the township lies in rolling
 hills of approximately from fifty to one hundred feet
 above the surrounding plain, the same being almost
 void of grass or stock feed of any sort. The eastern
 edge of the township, consisting of the east half of
 the secs. lying along the east boundary are rough and
 rolling, being cut by deep washes, and the soil being
 3rd and 4th rate. The remainder of the township is
 nearly level, except for an occasional dry wash.
 There is no timber on this township, except a few scrub
 trees which grow along the washes. The brush is
 nearly all greasewood, except for scattering patches
 of catclaw along the washes. In the north row of
 secs. (1 and 6) cacti of various varieties flourish
 in abundance.

The soil throughout the level portion of the township
 is nearly all second rate, producing only a meager
 quantity of native bunch grass for grazing of
 sheep and cattle.

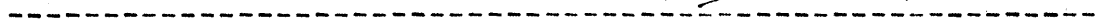
No water has been developed in this township, but in sec.
 27 there are two water holes approximately 15 chs.
 apart, lying on opposite sides of the A. and C. railway

Subdivision of Township 8 North, Range 6 West. 29.

Chains.

which seem to contain water during nearly the entire year.
There are no homesteads or claims throughout the entire township.

W. D. Dinnally
U. S. Transitman.



205
30

BOOK 2839

FOR FINAL OATH OF UNITED STATES SURVEYOR & TRANSITMAN

Re 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 subdivisions lines of Townships 8 North, Range 6 West of the Gila and Salt River Base and Meridian in the State of Arizona*

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

Frank S. Ingalls
Surveyor General,
OF ARIZONA.

~~I certify that the foregoing transcript of the field notes of the above described surveys in _____, has been correctly copied from the original notes on file in this office.~~