

2831

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Book "G"

BOOK 2831

# FIELD NOTES

OF THE <sup>re-</sup>SURVEY OF THE

*East Boundary*

*and survey of the*

*Subdivision Lines of T.1S., R.8E.*

Of the *Gila & Salt River Base & Meridian,*

In the State of *Arizona*

EXECUTED BY

*Sidney E. Blout*

In the capacity of U. S. Surveyor..., under instructions dated *October 24*, 1913,

issued by the United States Surveyor General to govern surveys included in

Group No. *31*..., which were approved by the Commissioner of the General Land

Office, *November 1*..., 1913, pursuant to authority contained in the Acts of

Congress dated *June 23, 1913 & Aug. 1, 1914* ~~...~~

Resurvey and-Survey commenced *June 26*..., 1914

Resurvey and-Survey completed *July 14*..., 1914

(1A)

# Book "G"

BOOK 2831

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Retracement of East bdy. of Township 1 South Range 8 East Chains.

Retracement and resurvey commenced June 26, 1914, and executed with a Young and Sons' light mountain transit No. 10, described in Book "A."

I examine the adjustments of the transit, and find them to be correct, and from recent tests of the solar apparatus made by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian established by observations on Polaris, I know that the instrument is in satisfactory adjustment.

All measurements were made with a 5-chain steel tape, with clinometer to determine slope angles.

Retracement commenced at the 1/4 sec. cor., bet. secs. 1 and 36, T. 1 S., Rs. 8 and 9 E., located and described by me in my notes of retracement of E. bdy. of T. 2 S., R. 8 E. in Book "F," and is 39.80 chs. N. 1° 35' W. of the reestablished cor. of Ts. 1 and 2 S., Rs. 8 and 9 E., described by me in same book.

Thence I run, continuing measurement from Tp. cor., N. 0° 3' E., on a random line, on north half, bet. secs. 31 and 36.

79.60 Fall 40 lks. west of cor. of secs. 25, 30, 31 and 36, remains of mound and pits in proper position.

True course and dist. of N. half, bet. secs. 31 and 36 is therefore N. 0° 37' E., 39.80 chs.

From cor. of secs. 25, 30, 31 and 36, I run, N. 0° 3' E., on a random line, bet. secs. 25 and 30, continuing measurement.

119.65 Find no trace of 1/4 sec. cor.

159.70 Find no trace of cor. of secs. 19, 24, 25 and 30.

Continue line and measurement, bet. secs. 19 and 24.

199.75 Find no trace of 1/4 sec. cor.

239.52 Fall 88 lks. east of the cor. of secs. 13, 18, 19 and 24, a mesquite post, badly decayed in mound of earth, traces of pits in proper position.

True course and dist. of line from cor. of secs. 25, 30, 31 and 36 to this cor. is therefore N. 0° 16' W., 159.92 chs.

From cor. of secs. 13, 18, 19 and 24, I run, N. 0° 3' E., on a random line, bet. secs. 13 and 18, continuing measurement.

279.57 Find no trace of 1/4 sec. cor.

319.62 Find no trace of cor. of secs. 7, 12, 13 and 18.

Continue line and measurement bet. secs. 7 and 12.

359.67 Find no trace of 1/4 sec. cor.

399.72 Find no trace of cor. of secs. 1, 6, 7 and 12.

From this point, I run, North, on a random line, continuing measurement, bet. secs. 1 and 6.

439.72 Find no trace of 1/4 sec. cor.

459.90 Fall 147 lks. west of witness mound of stone, originally set on line, 18 chs. south of point for cor. of Ts. 1 S., Rs. 8 and 9 E. Continue line and measurement.

474.18 Intersect the Gila and Salt River Base Line at a point 167 lks. west of the standard cor. of Ts. 1 N., Rs. 8 and 9 E. reestablished by me as described in Book "B." Assuming the point of intersection as being 147 lks. west of original cor. point for cor. of Ts. 1 S., Rs. 8 and 9 E., the true course and dist. of line from cor. of secs. 13, 18, 19 and 24 to the Base Line is N. 0° 22' E., 234.66 chs.

June 26, 1914 (to be continued).

Finding from the above described retracement of the East bdy. of T. 1 S., R. 8 E., that it is defective in alignment and measurement, and most of the corners lost or obliterated, and as no subdivision lines or mineral claims are tied to it on either side, I therefore make an independent resurvey of the line, destroying all evidence of the old corners found, and reestablish

## 2. Retracement of East boundary of Township 1 South Range 8 E.

Chains.

all  $\frac{1}{4}$  sec. and sec.cors. at the proper intervals as follows:

## Resurvey of East boundary of Township 1 South, Range 8E.

June 26, 1914: (Continued.)

At the cor. of Ts. 1 and 2 S., Rs. 8 and 9 E., reestablished by me, as described in Book "F," at 1h. 32m. p.m., 1.m. t., I set off  $33^{\circ}17\frac{1}{2}'N.$  on the lat. arc;  $23^{\circ}23'N.$  on the decl. arc, and determine a meridian with the solar. The magnetic bearing of the meridian thus determined is  $N.13^{\circ}43'W.$ , which gives the mag. decl. as  $13^{\circ}43'E.$

Thence I run,

North, bet. secs. 31 and 36.

Over nearly level sandy valley land, through scattering mesquite timber and greasewood brush undergrowth, 3 ft. high.

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

$\frac{1}{4}$  S 36 in W.,

S 31 in E., and

1914 in S. half; from which,

A mesquite, 7 ins. in diam., brs.  $S.3^{\circ}E.$ , 258 lks. dist., marked  $\frac{1}{4}$  S 31 B T.

A mesquite, 12 ins. in diam., brs.  $N.70\frac{1}{4}^{\circ}W.$ , 154 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

51.50 Dry ravine, 15 lks. wide, 3 ft. deep, course  $S.50^{\circ}W.$

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 25, 30, 31 and 36, marked on brass cap,

T 1 S in N., and 1914 in S. half;

R 8 E, S 25 in NW., R 9 E S 30 in NE.,

S 31 in SE., and S 36 in SW. quadrant; from which

A mesquite, 10 ins. in diam., brs.  $N.54\frac{1}{2}^{\circ}E.$ , 214 lks. dist., marked T 1 S, R 9 E S 30 B T.

A mesquite, 5 ins. in diam., brs.  $S.25^{\circ}E.$ , 140 lks. dist., marked T 1 S R 9 E S 31 B T. No other trees with

in limits; 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, nearly level valley, drains to the SW.; soil, medium rich dry sandy clay loam with some gravel about 12 ins. deep on dry clay subsoil.

North, bet. secs. 25 and 30.

Over nearly level sandy valley land, through scattering mesquite and ironwood timber, and greasewood brush undergrowth, 3 ft. high.

3.10 Wood road, brs. NW. and SE.

15.00 Road from Mexican's ranch to Mesa, brs. NE. and SW.

24.80 Wire fence brs. E. 15.00 chs., and W. 5.00 chs.; leave undergrowth; enter cultivated land.

35.90 Dry ravine, 10 lks. wide, 2 ft. deep, course SW.

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

$\frac{1}{4}$  S 25 in W.,

S 30 in E., and

1914 in S. half; from which,

An ironwood, 12 ins. in diam., brs.  $N.57\frac{1}{2}^{\circ}E.$ , 180 lks. dist., marked  $\frac{1}{4}$  S 30 B T.

An ironwood, 8 ins. in diam., brs.  $S.23^{\circ}W.$ , 188 lks. dist., marked  $\frac{1}{4}$  S 25 B T.

From this cor., Castro's house brs.  $S.84\frac{1}{2}^{\circ}E.$ , 18.00 chs. dist.

47.28 Wire fence brs.  $N.63^{\circ}E.$ , 18.00 chs. dist., and  $S.63^{\circ}W.$ , 5.00 chs. dist. Leave cultivated land and timber, brs. E. and W.

## Resurvey of East boundary of Township 1 South, Range 8 East. 3

Chains.

- 50.50 Old road brs.NE. and SW.  
 57.60 Road to Mesa, Arizona, brs.NW. and SE.  
 67.90 Dry ravine, 20 lks.wide, 3 ft. deep, course SW.  
 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
 the ground for reestablished cor.of secs.19,24,25  
 and 30, marked on brass cap,

T 1 S in N., and  
 1914 in S.half;  
 R 8 E S 24 in NW.,  
 R 9 E, S 19 in NE.,  
 S 30 in SE., and  
 S 25 in SW.quadrant;

dig pits 18x18x12 ins., in each sec.5½ ft. dist.,and  
 raise a mound of earth 4 ft.base, 2 ft.high, west of  
 corner.

Land; nearly level valley, drains to the SW.

Soil, rich dry, fine sandy loam, 10 to 14 ins. deep on  
 dry, clay subsoil.

Light growth bunch grass.

Timber, mesquite and ironwood.

North, bet. secs.19 and 24.

Over nearly level valley land, through scattering grease-  
 wood brush undergrowth, 4 ft.high.

- 2.70 Road from Mesa, to Superior, Arizona, brs.N.35° E.and  
 S.35°W.

- 4.40 Road from Mesa to Superior, Arizona, brs.N.40°W., and  
 S.40°E.

- 10.00 Enter scattering mesquite and palo verde timber, brs.E.  
 and W.

- 40.00 Set an iron post, 3 ft.long, 1 in. indiam., 26 ins.in  
 the ground for reestablished ¼ sec.cor., marked on  
 brass cap,

¼ S 24 in W.,  
 S 19 in E., and  
 1914 in S.half; from which,

A palo verde, 8 ins. in diam., brs.S.14¼°E.,  
 170 lks.dist., marked ¼ S 19 BT.

A palo verde, 10 ins. in diam., brs.N.67¼°W.,  
 159 lks.dist., marked ¼ S 24 B T.

- 43.30 Dry ravine, 20 lks.wide, 10 ft. deep, course SW.

- 70.58 Dry ravine, 10 lks.wide, 3 ft. deep, course SW.

- 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
 the ground for reestablished cor.of secs. 13,18,19  
 and 24, marked on brass cap,

T 1 S in N., and  
 1914 in S.half;  
 R 8 E, S 13 in NW.,  
 R 9 E, S 18 in NE.,  
 S 19 in SE., and  
 S 24 in SW.quadrant; from which,

A palo verde, 6 ins. in diam., brs.N.43°E., 256  
 lks.dist., marked T 1 S R 9 E S 18 BT.

A palo verde, 6 ins. in diam., brs.S.35¼°E.,  
 184 lks.dist., marked T 1 S R 9 E S 19 BT.

A mesquite, 14 ins. in diam., brs.S.43¼°W.,  
 120 lks. dist., marked T 1 S R 8 E S 24 B T.

A palo verde, 8 ins.in diam., brs.N.86°W., 36  
 lks.dist., marked T 1 S R 8 E S 13 BT.

Land, level valley, drains to the SW.

Soil, medium rich dry, sandy clay loam about 12 ins.deep  
 on dry clay subsoil.

Light growth bunch grass.

Timber, mesquite and palo verde.

## 4. Resurvey of East bdy. of Township 1 South, Range 8 East.

## Chains.

North, bet. secs. 13 and 18.  
Over rolling, sandy land, through scattering mesquite, palo verde and ironwood timber and greasewood brush undergrowth, 4 ft. high.

16.50 Wood road, brs. NE and SW.  
19.20 Dry ravine, 50 lks. wide, 3 ft. deep, course SW.  
34.00 Dry ravine, 20 lks. wide, 3 ft. deep, course SW.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 13 in W.,  
 S 18 in E., and  
 1914 in S. half; from which,  
 A palo verde, 8 ins. in diam., brs. S.  $18\frac{3}{4}^{\circ}$  E.,  
 230 lks. dist., marked  $\frac{1}{4}$  S 18 BT.  
 A palo verde, 8 ins. in diam., brs. S.  $24\frac{1}{4}^{\circ}$  W.,  
 319 lks. dist., marked  $\frac{1}{4}$  S 13 BT.

63.00 Dry ravine, 15 lks. wide,  $2\frac{1}{2}$  ft. deep, course SW.  
75.40 Dry ravine, 20 lks. wide, 3 ft. deep, course S.  $70^{\circ}$  W.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 7, 12, 13, and 18, marked on brass cap,  
 T 1 S in N., and  
 1914 in S. half;  
 R 8 E S 12 in NW.,  
 R 9 E, S 7 in NE.,  
 S 18 in SE., and  
 S 13 in SW. quadrant;  
 no trees within the prescribed limits; dig pits 18x18 x12 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 valley, drains to the SW.  
 Soil, light, dry sandy and gravelly clay loam, about 8 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, mesquite, palo verde and ironwood.

North, bet. secs. 7 and 12.  
Over rolling valley land, through scattering palo verde, mesquite and ironwood timber and greasewood brush undergrowth, 4 ft. high.

15.45 Wood road brs. NE and SW.  
34.80 Dry ravine, 15 lks. wide, course SW.  
39.65 Road to Mesa, Arizona, brs. N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 12 in W.,  
 S 7 in E., and  
 1914 in S. half; from which,  
 A palo verde, 6 ins. in diam., brs. S.  $5^{\circ}$  E., 205 lks. dist., marked  $\frac{1}{4}$  S 7 B T.  
 A palo verde, 8 ins. in diam., brs. N.  $14^{\circ}$  W.,  
 157 lks. dist., marked  $\frac{1}{4}$  S 12 BT.

55.00 Dry ravine, 20 lks. wide, 3 ft. deep, course SW.  
80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 1, 6, 7 and 12, marked on brass cap,  
 T 1 S in N., and  
 1914 in S. half;  
 R 8 E S 1 in NW.,  
 R 9 E, S 6 in NE.,  
 S 7 in SE., and  
 S 12 in SW. quadrant; from which,  
 A palo verde, 14 ins. in diam., brs. N.  $42\frac{1}{2}^{\circ}$  E.,  
 119 lks. dist., marked T 1 S R 9 E S 6 BT.

Resurvey of East boundary of Township 1 South, Range 8 East 5

Chains.

A mesquite, 8 ins. in diam., brs.S.47 $\frac{1}{4}$ °E.,  
 179 lks.dist., marked T 1 S R 9 E S 6 B T.  
 A palo verde, 16 ins. in diam., brs.S.78 $\frac{3}{4}$ °  
 W., 101 lks.dist., marked T 1 S R 8 E S  
 12 B T.  
 A mesquite, 6 ins in diam., brs.N.76°W.,360  
 lks.dist., marked T 1 S R 8 E S 1 BT.

Land, rolling valley, drains to the SW.  
 Soil, poor, dry, sandy, stony clay loam, about 8 ins. deep,  
 on dry stony clay subsoil.  
 Very little grass.  
 Timber, scattering palo verde, mesquite and ironwood.

North, bet. secs.1 and 6.  
 Over rolling stony valley land, through scattering mes-  
 quite, palo verde, and ironwood timber and greasewood  
 brush 4 to 6 ft.high.  
 Dry ravine, 25 lks.wide, 2 ft.deep, course SW.  
 Road leads to Superior, Arizona, brs. NW. and SE.  
 Road brs.N.75°E. and S.75°W.  
 The point for the  $\frac{1}{4}$  sec.cor. falls in dry ravine, 50  
 lks.wide, 4 ft.deep, course S.45°W.; therefore, at  
 39.50 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for witness cor. to the  $\frac{1}{4}$  sec.cor., marked  
 on brass cap,

W C  $\frac{1}{4}$  N of center,  
 1914 in S.half;  
 S 6 in SE., and  
 S 1 in SW.quadrant; from which,

An ironwood, 10 ins. in diam., brs. S.3 $\frac{1}{4}$ °E.,  
 56 lks.dist., marked W C  $\frac{1}{4}$  S 6 BT.  
 An ironwood, 12 ins. indiam., brs.N.13 $\frac{1}{2}$ °W., 109  
 lks.dist., marked W C  $\frac{1}{4}$  S 1 B T.

raise a mound of stone 2 ft.base, 1 $\frac{1}{2}$  ft. high, W.of  
 corner.

62.20 Dry ravine, 10 lks.wide, course S.45° W. Ascend steep  
 south slope of spur, over mountainous land, covered  
 with loose malpais stone. Ascend 100 ft.to  
 72.80 Top of spur, brs.NW. and SE. Descend over NE. slope.  
 74.18 Intersect the Gila and Salt River Base line, 40 lks.  
 west of the standard cor.of Ts.1 N.,Rs.8 and 9 E.re-  
 established by me, as described in Book "B." At point  
 of intersection,  
 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in  
 the ground, for closing cor. of Ts.1 S.,Rs.8 and 9 E.,  
 marked on brass cap,

C C S of center,  
 T 1 N, R 8 E S 36, R 9 E S 31 in N.,and  
 T 1 S, 1914 in S.half;  
 R 9 E, S 6 in SE., and  
 R 8 E, S 1 in SW.quadrant;

no trees within the prescribed limits; raise a mound  
 of stone 2 ft.base, 1 $\frac{1}{2}$  ft.high, S.of corner. Pits im-  
 practicable.

South 45.00 chs. rolling valley, drains to the SW.  
 Soil, poor stony clay loam, 4 to 8 ins.deep on stony  
 clay subsoil.

North 29.00 chs.rolling mountains.  
 Soil, worthless.  
 Very light growth bunch grass.  
 Timber, scattering mesquite, palo verde and ironwood.

June 26, 1914.

6 Resurvey of East boundary of Township 1 South, Range 8 East.

Boundaries of Township 1 South, Range 8 East.  
 Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South bdy.,	West,	492.11				492.11
West bdy.,	N.0°29'W.	473.34	473.32			4.00
North bdy, (G&SRB.Line.)	S.89°40'E.	15.80		.09	15.80	
East bdy.,	East,	479.60			479.60	
Convergency,	South,	474.18		474.18		
					.48	
	Totals,		473.32	474.27	495.88	496.11
				473.32		495.88
	Error in latitude,			0.95		
	Error in departure,					0.23

GENERAL DESCRIPTION.

This township is nearly all rolling valley, sloping gently to the west and southwest with some prairie land in the southern and southwestern part. The greater portion of the township is covered with dense greasewood brush undergrowth and scattering palo verde, mesquite and ironwood timber.

The township is poorly watered, the only water being found in tanks constructed by stockmen to store flood water, and in wells dug for domestic use. The soil is generally a rich dry sandy loam, which is capable of producing abundant crops with irrigation. The township should be subdivided.



Subdivision of Township 1 South, Range 8 East

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Chains.

- Survey commenced June 27, 1914, and executed with a Young and Sons' light mountain transit No. 10, described in Book "A."
- I examine the adjustments of the transit, and find them to be correct, and from recent tests of the solar apparatus by comparing the results of observations on the sun made during a.m. and p.m. hours with a meridian established by observations on Polaris, I know that the instrument is in satisfactory adjustment. All measurements were made with a 5-chain steel tape with clinometer for determining slope angles.
- I begin at the cor. of secs. 1, 2, 35 and 36 on the south boundary of the township, established by me, as described in Book "A." Latitude,  $33^{\circ}17'20''N.$ ; longitude,  $111^{\circ}30'W.$ , and at 6h15m. a.m., l.m.t., set off  $33^{\circ}17\frac{1}{2}'N.$  on the lat. arc;  $23^{\circ}22'N.$  on the decl. arc; and determine a meridian with the solar.
- Thence I run,  
N.  $0^{\circ}01'W.$ , bet. secs. 35 and 36.  
Over level, sandy valley land, through greasewood brush undergrowth, 4 ft. high, and scattering mesquite timber.
- 12.40 Dry ravine, 15 lks. wide, 2 ft. deep, course S.  $60^{\circ}W.$   
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 35 in W.,  
S 36 in E., and  
1914 in S. half;  
no trees suitable for bearing trees available. Dig pits  $18 \times 18 \times 12$  ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of corner.
- 43.30 Old road to Mesa, Arizona, brs. N.  $60^{\circ}E?$  and S.  $60^{\circ}W.$   
56.45 Dry ravine, 15 lks. wide, 3 ft. deep, course S.  $40^{\circ}W.$   
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, marked on brass cap,  
T 1 S, R 8 E in N., and  
1914 in S. half;  
S 26 in NW.,  
S 25 in NE.,  
S 36 in SE., and  
S 35 in SW. quadrant;  
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 corner.  
Land, level, sandy valley.  
Soil, rich dry sandysand adobe loam 8 to 20 ins. deep on dry clay subsoil.  
Good growth bunch grass.  
Timber, scattering mesquite.
- 
- 40.00 East, on a random line, bet. secs. 25 and 36.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect east bdy. of Tp. 5 lks. south of the cor. of secs. 25, 30, 31 and 36, reestablished by me, as hereinbefore described.  
Thence I run,  
S.  $89^{\circ}58'W.$ , on a true line, bet. secs. 25 and 36.  
Over level sandy valley land, through greasewood brush undergrowth 3 ft. high.
- 30.62 Old road from Mesa to Superior, Arizona, brs. N.  $60^{\circ}E.$  and S.  $60^{\circ}W.$   
37.52 Dry ravine, 15 lks. wide, 3 ft. deep, course S.  $60^{\circ}W.$   
40.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 25 in N., and  
S 36, 1914 in S. half;

## 8 Subdivision of Township 1 South, Range 8 East.

Chains.

- dig pits 18x18x12 ins., E and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of corner.
- 80.02 The cor. of secs. 25, 26, 35 and 36.  
Land, level sandy valley, drains to the SW.  
Soil, medium rich fine dry sandy and adobe loam, 12 to 16 ins. deep on gravelly clay subsoil.  
Fair growth bunch grass.  
Timber, scattering mesquite along ravine.
- 
- N.  $0^{\circ}01'W.$ , bet. secs. 25 and 26.  
Over level, sandy valley land, through scattering mesquite and ironwood timber and greasewood brush undergrowth, 3 to 6 ft. high.
- 2.50 Old wood road, brs. N.  $30^{\circ}E.$  and S.  $30^{\circ}W.$   
28.10 Old road, brs. N.  $35^{\circ}E.$  and S.  $35^{\circ}W.$   
30.40 Dry ravine, 20 lks. wide, 4 ft. deep, course west.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 26 in W.,  
 S 25 in E., and  
 1914 in S. half;  
 no trees in limits; dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.
- 61.40 Dry ravine, 20 lks. wide, 4 ft. deep, course S.  $70^{\circ}W.$   
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap,  
 T 1 S, R 8 E in N., and  
 1914 in S. half;  
 S 23 in NW.,  
 S 24 in NE.,  
 S 25 in SE., and  
 S 26 in SW. quadrant; from which,  
 A mesquite 6 ins. in diam., brs. S.  $55\frac{3}{4}^{\circ}E.$ , 125 lks. dist., marked T 1 S R 8 E S 25 B T.  
 An ironwood, 10 ins. in diam., brs. S.  $24\frac{3}{4}^{\circ}W.$ , 190 lks. dist., marked T 1 S R 8 E S 26 B T.
- No other trees within limits; 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, sandy valley, slopes to the southwest.  
Soil, medium rich dry sandy loam, with some gravel about 10 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite and ironwood.  
Note: At this corner, I set off  $23^{\circ}21'$  N. on the decl. arc; and at noon, observe the sun on the meridian, and obtain a reading of  $33^{\circ}19'$  N. on the lat. arc;
- 
- N.  $89^{\circ}58'E.$  on a random line, bet. secs. 24 and 25.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect east bdy. of Tp., 2 lks. north of the cor. of secs. 19, 24, 25 and 30, reestablished by me, as hereinbefore described, Thence I run,  
S.  $89^{\circ}59'W.$ , on a true line, bet. secs. 24 and 25.  
Over level, sandy valley land, through scattering mesquite and ironwood timber and greasewood brush undergrowth, 3 to 5 ft. high.
- 2.65 Old road brs. N.  $40^{\circ}E.$  and S.  $40^{\circ}W.$   
18.40 Old road brs. N.  $30^{\circ}E.$  and S.  $30^{\circ}W.$   
24.40 Old road, brs. N.  $10^{\circ}W.$  and S.  $10^{\circ}E.$   
32.45 Old road brs. N.  $30^{\circ}W.$  and S.  $30^{\circ}E.$   
35.20 Old road brs. N.  $25^{\circ}E.$  and S.  $25^{\circ}W.$

Subdivision of Township 1 South, Range 8 East.

9.

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., marked on brass cap,  $\frac{1}{4}$  S 24 in N., and S 25, 1914 in S. half; from which,  
 A mesquite, 6 ins. in diam., brs. N. 44° E., 278 lks. dist., marked  $\frac{1}{4}$  S 24 BT.  
 An ironwood, 10 ins. in diam., brs. S. 78 $\frac{1}{2}$ ° E., 256 lks. dist., marked  $\frac{1}{4}$  S 25 B T.

80.00 The cor. of secs. 23, 24, 25 and 26.  
 Land, level, sandy valley, slopes to the SW.  
 Soil, rich dry, sandy loam, 4 to 12 ins. deep on gravelly clay subsoil.  
 Medium growth bunch grass.  
 Timber, scattering mesquite and ironwood.

N. 0° 01' W., bet. secs. 23 and 24.  
 Over level sandy valley land slopes to the SW., through scattering mesquite, and ironwood timber and greasewood brush undergrowth.

11.80 Dry ravine, 20 lks. wide, 4 ft. deep, course S. 60° W.

23.80 Road from Mesa to Superior, Arizona, brs. N. 75° W. and S. 75° 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., marked on brass cap,  $\frac{1}{4}$  S 23 in W., S 24 in E., and 1914 in S. half;

no trees within limits; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

61.00 Dry ravine, 20 lks. wide, 3 ft. deep, 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. 13, 14, 23 and 24, marked on brass cap,

T 1 S R 8 E in N., and 1914 in S. half;  
 S 14 in NW.,  
 S 13 in NE.,  
 S 24 in SE., and  
 S 23 in SW. quadrant; from which,

An ironwood, 14 ins. in diam., brs. N. 78° E., 260 lks. dist., marked T 1 S R 8 E S 13 BT.

A mesquite, 6 ins. in diam., brs. S. 59 $\frac{1}{2}$ ° E., 395 lks. dist., marked T 1 S R 8 E S 24 B T.

An ironwood; 10 ins. in diam., brs. S. 61° W., 215 lks. dist., marked T 1 S R 8 E S 23 BT.

An ironwood, 24 ins. in diam., brs. N. 59 $\frac{1}{2}$ ° W., 190 lks. dist., marked T 1 S R 8 E S 14 BT.

Land, level, sandy valley, drains to the SW.  
 Soil, medium rich fine dry sandy clay loam, 8 to 12 ins. deep on clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite and ironwood.

N. 89° 59' E., on a random line, bet. secs. 13 and 24.

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

80.10 Intersect east bdy. of Tp., 2 lks. south of the cor. of secs. 13, 18, 19 and 24, reestablished by me, as hereinbefore described:

Thence I run,  
 S. 89° 58' W., on a true line, bet. secs. 13 and 18.

Over level, sandy valley land, through scattering mesquite, palo verde, and ironwood timber, and greasewood brush undergrowth, 4 ft. high.

17.00 Wood road, brs. N. 20° E. and S. 20° W.

40.05 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in

10. Subdivision of Township 1 South, Range 8 East  
Chains.

the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 13 in N., and  
 S 24, 1914 in S. half; from which,  
 An ironwood, 6 ins. in diam., brs. N.  $6\frac{1}{2}^{\circ}$  W., 564  
 lks. dist., marked  $\frac{1}{4}$  S 13 B T.  
 A mesquite, 8 ins. in diam., brs. S.  $41\frac{1}{2}^{\circ}$  W.,  
 226 lks. dist., marked  $\frac{1}{4}$  S 24 B T.  
 44.45 Road to Phoenix, Arizona, brs. N.  $10^{\circ}$  W. and S.  $10^{\circ}$  E.  
 80.10 The cor. of secs. 13, 14, 23 and 24.  
 Land, level, sandy valley, drains to the SW.  
 Soil, rich dry, sandy loam, 8 to 14 ins. deep on clay  
 subsoil.  
 Light growth bunch grass.  
 Timber, scattering palo verde, mesquite and ironwood.  
 June 27, 1914.

July 1, 1914: At 7h. 18m., a.m., l.m.t., I set off  $33^{\circ}$   
 $20'$  N. on the lat. arc;  $23^{\circ} 10'$  N. on the decl. arc; and  
 determine a meridian with the solar at the cor. of  
 secs. 13, 14, 23 and 24.  
 Thence I run,  
 N.  $0^{\circ} 01'$  W., bet. secs. 13 and 14.  
 Over rolling valley land, slopes to the southwest, through  
 scattering mesquite, palo verde and ironwood timber  
 and greasewood brush undergrowth, 4 ft. high.  
 9.30 Dry ravine, 25 lks. wide, 3 ft. deep, course S.  $60^{\circ}$  W.  
 28.25 Dry ravine, 10 lks. wide, 4 ft. deep, course S.  $45^{\circ}$  W.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 14 in W.,  
 $\frac{1}{4}$  S 13 in E., and  
 1914 in S. half;  
 no trees within limits; raise a mound of stone 2 ft.  
 base,  $1\frac{1}{2}$  ft. high, west of cor.  
 Pits impracticable.  
 48.40 Dry ravine, 15 lks. wide, 4 ft. deep, course S.  $70^{\circ}$  W.  
 74.00 Dry ravine, 10 lks. wide, 3 ft. deep, course S.  $70^{\circ}$  W.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins.  
 in the ground, for cor. of secs. 11, 12, 13 and 14,  
 marked on brass cap,  
 T 1 S R 8 E in N., and  
 1914 in S. half;  
 S 11 in NW.,  
 S 12 in NE.,  
 S 13 in SE., and  
 S 14 in SW. quadrant;  
 no trees suitable for bearing trees available. Raise  
 a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Pits impracticable.  
 Land, rolling valley, slopes to the SW.  
 Soil, gravelly and sandy clay loam 4 to 10 ins. deep on  
 clay subsoil.  
 Light growth bunch grass.  
 Timber scattering mesquite, ironwood and palo verde.

N.  $89^{\circ} 58'$  E., on a random line, bet. secs. 12 and 13.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.12 Intersect east bdy. of the Tp. 5 lks. north of the cor. of  
 secs. 7, 12, 13 and 18, reestablished by me, as herein-  
 before described.  
 Thence I run,  
 West, on a true line, bet. secs. 12 and 13.  
 Over rolling stony and gravelly valley land, through  
 scattering palo verde, mesquite and ironwood timber,  
 and greasewood brush undergrowth 4 to 6 ft. high.

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Chains.

- 40.06 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 12 in N., and S 13, 1914 in S. half; no trees within limits; raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.
- 60.12 Dry ravine, 10 lks. wide, 3 ft. deep, course S.  $60^{\circ}$  W.
- 60.52 Road to Phoenix, Arizona, brs. N. and S.
- 69.62 Dry ravine, 10 lks. wide, 3 ft. deep, course SW.
- 75.12 Dry ravine, 10 lks. wide, 3 ft. deep, course N.  $70^{\circ}$  W.
- 80.12 The cor. of secs. 11, 12, 13 and 14. Land, rolling valley drains to the SW. Soil, light, dry, gravelly clay loam, about 12 ins. deep on dry clay subsoil. Light growth bunch grass. Timber, scattering mesquite, palo verde, and ironwood.

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N.  $0^{\circ}01'$  W., bet. secs. 11 and 12. Over rolling, gravelly valley land, through scattering mesquite, ironwood and palo verde timber and grease-wood brush undergrowth, 4 to 6 ft. high.

- .55 Dry ravine, 10 lks. wide, 3 ft. deep, course west.
- 18.50 Dry ravine, 10 lks. wide, 4 ft. deep, course S.  $60^{\circ}$  W.
- 32.40 West side of earth reservoir.
- 33.00 Old road brs. N.  $45^{\circ}$  E. and S.  $45^{\circ}$  W.
- 39.50 Dry ravine, 50 lks. wide, 4 ft. deep, course S.  $60^{\circ}$  W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 11 in W., S 12 in E., and 1914 in S. half; no trees suitable for bearing trees available; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of corner.

- 60.85 Old road brs. N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.
- 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, marked on brass cap, T 1 S R 8 E in N., and 1914 in S. half; S 12 in NW. 1/4, S 1 in NE. 1/4, S 12 in SE. 1/4, and S 11 in SW. quadrant; 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. No trees available. Land, rolling, gravelly and sandy valley drains to the SW. Soil, light dry sandy and gravelly clay loam, 6 to 12 ins. deep on stony clay subsoil. Light growth bunch grass. Timber, scattering palo verde, mesquite and ironwood. Note: At this cor. I set off  $23^{\circ}09'$  N. on the decl. arc and at noon, observe the sun on the meridian and obtain a reading of  $33^{\circ}21'$  N. on the lat. arc.

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

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.06 Intersect east bdy. of Tp., 8 lks. south of the cor. of secs. 1, 6, 7 and 12, reestablished by me, as hereinbefore described, Thence I run,

## 12. Subdivision of Township 1 South, Range 8 East.

Chains.

- S $89^{\circ}57'W.$ , on a true line, bet. secs. 1 and 12.  
Over rolling stony valley land, through scattering mesquite timber and greasewood brush undergrowth, 6 ft. high.
- .95 Dry ravine, 25 lks. wide, 3 ft. deep, course S $30^{\circ}W.$   
40.03 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 1 in N., and S 12 1914 in S. half;  
no trees suitable for bearing trees within limits; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.
- 76.26 Old road to Phoenix, Arizona, brs. N $10^{\circ}W.$  and S $10^{\circ}E.$   
80.06 The cor. of secs. 1, 2, 11 and 12.  
Land, rolling valley, drains to the SW.  
Soil, poor dry stony loam, 4 to 10 ins. deep on stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.
- 
- N $0^{\circ}01'W.$  on a true line, bet. secs. 1 and 2.  
Over rolling, gravelly and stony valley land, through greasewood and mesquite brush undergrowth, 6 ft. high,
- 7.00 Dry ravine, 20 lks. wide, 3 ft. deep, course S $50^{\circ}W.$   
18.70 Road to Mesa and Phoenix, Arizona, brs. N $20^{\circ}W.$ , and S $20^{\circ}E.$
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 2 in W., S 1 in E., and 1914 in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, west of cor. Pits impracticable.
- 41.40 Dry ravine, 25 lks. wide, 3 ft. deep, course S $45^{\circ}W.$   
61.70 Dry ravine, 20 lks. wide, 3 ft. deep, course S $50^{\circ}W.$   
74.22 Intersect the Gila and Salt River Base Line 30 lks. west of the standard cor. of secs. 35 and 36, T. 1 N, R. 8 E. reestablished by me, as described in Book "B."  
At point of intersection, set an iron post 3 ft. long,  $\frac{1}{2}$  ins. in diam., 24 ins. in the ground for closing cor. of secs. 1 and 2, T. 1 S?, R. 8 E., marked on brass cap, C C S. of center, T. 1 N R. 8 E S 35, S 36 in N., and T 1 S R 8 E 1914 in S. half; S 1 in SE and S. 2 in SW quadrant;  
dig pits 24x18x12 ins., crosswise on each line, E. and W. 3 ft., and S. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.  
Land, rolling, stony valley land, drains to the SW.  
Soil, poor, dry stony clay loam, 4 to 10 ins. deep on stony clay subsoil.  
Very little grass.  
Timber, scattering mesquite along the ravines.  
July 1, 1914.
- 
- June 29, 1914: At 7h. 33m. a.m., l.m.t., I set off  $33^{\circ}17\frac{1}{2}'N.$  on the lat. arc;  $23^{\circ}17'N.$  on the decl. 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 me, as described in Book "A."  
Thence I run, N $0^{\circ}01'W.$ , bet. secs. 34 and 35.  
Over level sandy valley land, through greasewood brush undergrowth and scattering mesquite timber too small for bearing trees.
- 4.90 Dry ravine, 15 lks. wide, 3 ft. deep, course S $80^{\circ}W.$

Subdivision of Township 1 South, Range 8 East. 13.

Chains  
 7.22 A point 6 chs.S.70° W. of the SW.cor. of wire fence, which brs.N.70°E. 20.00 chs. and N.30°W.  
 14.70 Old road to ranch brs.N. 50°E., and S.50°W.  
 18.00 A point from which a deserted Mexican house brs.E.about 25.00 chs.dist.  
 21.70 A point, 5.00 chs.S.70°W. of the NW. cor.of wire fence, which brs.N.70°E. 20.00 chs.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., marked on brass cap,  
 $\frac{1}{4}$  S 34 in W.,  
 S 35 in E., and  
 1914 in S.half; from which,  
 A mesquite, 8 ins. in diam., brs.N.21 $\frac{1}{2}$ °E., 108 lks.dist., marked  $\frac{1}{4}$  S 35 B T.  
 A mesquite, 10 ins. in diam., brs.N.69°W.,40 lks.dist., marked  $\frac{1}{4}$  S 34 B T.  
 42.40 Old road to Mesa, Arizona, brs.N.70° W. and S.70°E.  
 49.50 Dry ravine, 10 lks.wide, 4 ft. deep, 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. 26,27, 34 and 35, marked on brass cap,  
 T 1 S R 8 E in N.,and  
 1914 in S.half;  
 S 27 in NW.,  
 S 26 in NE.,  
 S 35 in SE.; and  
 S 34 in SW.quadrant;  
 no trees suitable for bearing trees within limits;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 corner.  
 Land, level valley.  
 Soil, medium rich, sandy loam, 12 ins. deep on clay subsoil.  
 Good growth bunch grass,  
 Timber, scattering mesquite.

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East, on a random line, bet. secs.26 and 35.  
 40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.00 Intersect N and S. line, 8 lks. north of the cor.of secs. 25,26, 35 and 36.  
 Thence I run,  
 N.89°57'W., on a true line, bet. secs. 26 and 35.  
 Over level sandy valley land, through scattering mesquite timber and greasewood brush, 4 ft.high.  
 4.60 Old road brs.N.50°E. and S.50°W.  
 19.25 Dry ravine, 15 lks.wide, 3 ft. deep, course S.45° W.  
 21.10 Road brs.N.15°E. and S.15°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., marked on brass cap,  
 $\frac{1}{4}$  S 26 in N., and  
 S 35, 1914 in S.half; from which,  
 A mesquite 4 ins. in diam., brs.N.4 $\frac{1}{2}$ °W., 322 lks.dist., marked  $\frac{1}{4}$  S 26 B T.  
 A mesquite, 4 ins. in diam., brs.S.49 $\frac{1}{4}$ °W.,46 lks.dist., marked  $\frac{1}{4}$  S 35 B T.  
 80.00 The cor.of secs.26,27, 34 and 35.  
 Land level sandy valley, drains to the SW.  
 Soil, rich dry sandy loam 12 ins. deep on clay subsoil.  
 Light growth bunch grass.  
 Timber, mesquite.

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N.0°01'W. bet. secs.26 and 27.  
 Over level, sandy valley land,through greasewood brush undergrowth 4 to 6 ft.high.

14. Subdivision of Township 1 South, Range 8 East.

Chains.

10.00 Dry ravine, 10 lks. wide, 2 ft. deep, course S. 70° W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 27 in W.,  
S 26 in E., and  
1914 in S. half;  
dig pits 18x18x12 ins., N. and S. of post, 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. 22, 23, 26 and 27, marked on brass cap,  
T 1 S R 8 E in N., and  
1914 in S. half;  
S 22 in NW.  
S 23 in NE.  
S 26 in SE.; and  
S 27 in SW. quadrant;  
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, sandy valley, drains to the SW.  
Soil, rich, fine dry sandy loam, 8 to 14 ins. deep on clay subsoil.  
Light growth bunch grass.  
No timber.  
Note: At this cor. I set off 23° 16' N. on the decl. arc; and at apparent noon, observe the sun on the meridian and obtain a reading of 33° 19' N. on the lat. arc;

40.00 S. 89° 57' E. on a random line, bet. secs. 23 and 26.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect N. and S. line, 5 lks. south of the cor. of secs. 23, 24, 25 and 26.  
Thence I run,  
N. 89° 59' W., on a true line, bet. secs. 23 and 26.  
Over level, sandy valley land, through scattering mesquite trees, and greasewood brush undergrowth, 4 to 6 ft. high.

17.06 Dry ravine, 10 lks. wide, 1 ft. deep, course S. 70° W.

27.90 Road to Mesa, Arizona, brs. N. 30° W. and S. 30° E.

40.03 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 23 in N., and  
S 26; 1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.

80.06 The cor. of secs. 22, 23, 26 and 27.  
80.06 The cor. of secs. 22, 23, 26 and 27.  
Land, level, sandy valley land, drains to the SW.  
Soil, rich fine dry sandy clay loam about 12 ins. deep, on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite along ravine.

N. 0° 01' W. bet. secs. 22 and 23.  
Over level, sandy valley land, through greasewood brush undergrowth 4 to 6 ft. high.

8.30 Dry ravine, 20 lks. wide, 4 ft. deep, course N. 70° W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 22 in W.,  
S 23 in E., and  
1914 in S. half;  
dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist.,



Subdivision of Township 1 South Range 8 East 15.

Chains.

and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.

41.85 Dry ravine, 15 lks.wide, 3 ft. deep, course S.60°W.

43.60 Road from Mesa to Superior, Arizona, brs.N.80° W. and S.80°E.

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, marked on brass cap,  
 T 1 S R 8 E in N., and  
 1914 in S.half;  
 S 15 in NW.,  
 S 14 in NE.,  
 S 23 in SE., and  
 S 22 in SW.quadrant;  
 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, sandy valley, drains to the SW.  
 Soil, rich fine dry sandy clay loam, with some gravel, 8 to 18 ins. deep on dry clay subsoil.  
 Light growth bunch grsss.  
 No timber.

S.89°59'E., on a random line bet. secs.14 and 23.

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

80.00 Intersect N.and S. line, 3 lks.south of the corner of secs. 13,14,23 and 24.  
 Thence I run,  
 West, on a true line, bet. secs.14 and 23.  
 Over level, sandy valley land, through greasewood brush undergrowth 4 to 6 ft. high, and scattering mesquite timber.

16.50 Swale, 20 lks.wide, 1 ft. deep, 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., marked on brass cap,  
 $\frac{1}{4}$  S 14 in N., and  
 S 23, 1914 in S.half;  
 no trees within the prescribed limits; dig pits 18x18x12 ins. E and W. of post 3 ft.dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of corner.

80.00 The corner of secs. 14,15, 22 and 23.  
 Land,level, sandy valley, drains to the SW.  
 Soil, rich fine dry sandy loam, 8 to 16 ins. deep on dry clay subsoil.  
 Timber, scattering mesquite.  
 Light growth bunch grass.

June 29, 1914.

July 2, 1914: At 8h.03m. a.m., l.m.t., I set off 33°20' N.on the lat.arc; 23°05 $\frac{1}{2}$ 'N. on the decl.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 rolling, sandy valley land, through scattering mesquite timber and greasewood brush undergrowth, 4 ft. high.

12.90 Dry ravine, 20 lks.wide, 4 ft.deep, course S.70°W.

23.70 Dry ravine, 15lks.wide, 4 ft.deep, course S.80°W.

33.60 Dry ravine, 15 lks.wide, 3 ft. deep, 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., marked on brass cap,  
 $\frac{1}{4}$  S 15 in W.,  
 S 14 in E., and  
 1914 in S.half;

## 16. Subdivision of Township 1 South Range 8 East

## Chains.

- no trees within limits; dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.
- 41.00 Old road, brs. N.70°E. and S.70°W. leads to Mesa, Arizona.
- 52.80 Old wood road, brs. N.30°E. and S.30°W.
- 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, marked on brass cap,  
T 1 S R 8 E in N., and  
1914 in S. half;  
S 10 in NW.,  
S 11 in NE.,  
S 14 in SE., and  
S 15 in SW. quadrant;
- no trees suitable for bearing trees within limits; 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, rolling, sandy and gravelly valley, drains to the SW.
- Soil, medium rich dry, gravelly clay loam, 6 to 14 ins. deep on dry clay and gravel subsoil.
- Light growth bunch grass.
- Timber, scattering mesquite.
- 
- 40.00 East, on a random line, bet. secs. 11 and 14.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect N. and S. line, 5 lks. north of the cor. of secs. 11, 12, 13 and 14,  
Thence  $\frac{1}{4}$  run,  
N.89°58'W., on a true line, bet. secs. 11 and 14.  
Over rolling, sandy and gravelly valley land, through scattering mesquite timber and greasewood brush undergrowth 4 ft. high.
- 4.44 Dry ravine, 10 lks. wide; 2 ft. deep, course S.70°W.
- 16.64 Old wood road, brs. N.10°E. and S.10°W.
- 25.24 Dry ravine, 15 lks. wide, 3 ft. deep, course S.45°W.
- 40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 11 in N., and S 14, 1914 in S. half;  
no trees within limits; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 47.94 Old road, brs. N.40°E. and S.40°W.
- 80.04 The cor. of secs. 10, 11, 14 and 15.  
Land, rolling, sandy valley, drains to the SW.  
Soil, light fine dry sandy clay loam, with some gravel 6 to 12 ins. deep on dry gravelly clay subsoil.  
Light growth bunch grass.  
Timber scattering mesquite.
- 
- N.0°01'W., bet. secs. 10 and 11.  
Over rolling sandy valley land, drains to the SW., through scattering mesquite timber and greasewood brush undergrowth, 4 to 6 ft. high.
- 3.80 Road from Mesa, Arizona to the Cresswell Ranch, brs. N.60°E. and S.60°W.
- 15.00 Dry ravine, 10 lks. wide, 3 ft. deep, 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., marked on brass cap,  
S 10 in W.,  
S 11 in E., and  
1914 in S. half;  
no trees within limits; dig pits 18x18x12 ins., N.

Chains,

and S. of post 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, west of cor.

40.40 Dry ravine, 10 lks. wide, 3 ft. deep, course S. 80° W.

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, marked on brass cap,

T 1 S R 8 E in N., and  
1914 in S. half;  
S 3 in NW.,  
S 2 in NE.,  
S 11 in SE., and  
S 10 in SW. quadrant;

no trees suitable for bearing trees within limits; 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, rolling valley, drains to the SW.  
Soil, light, fine dry sandy and gravelly clay loam, about 12 ins. deep on dry stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite and palo verde.

Note: At this cor. I set off 23° 4 1/2' N. on the decl. arc; and at apparent noon, observe the sun on the meridian and obtain a reading of 33° 21' N. on the lat. arc.

S. 89° 58' E., on a random line, bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line, at the cor. of secs. 1, 2, 11 and 12. Thence I run,

N. 89° 58' W., on a true line, bet. secs. 2 and 11.

Over rolling, sandy and gravelly valley land, through scattering mesquite and palo verde timber and grease-wood brush undergrowth, 4 to 6 ft. high.

10.52 Dry ravine, 10 lks. wide, 3 ft. deep, course N. 60° W.

36.97 Dry ravine, 10 lks. wide, 4 ft. deep, course N. 70° W.

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

1/4 S 2 in N., and  
S 11, 1914 in S. half;

no trees within limits; raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.

40.62 Dry ravine, 10 lks. wide, 4 ft. deep, course S. 70° W.

44.82 Dry ravine, 10 lks. wide, 4 ft. deep, course N. 70° W.

52.72 Dry ravine, 7 lks. wide, 4 ft. deep, course N. 50° W.

80.12 The cor. of secs. 2, 3, 10 and 11.

Land, rolling valley, drains to the SW.  
Soil, dry, sandy and gravelly clay loam, 8 to 16 ins. deep on stony dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite and palo verde.

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

Over rolling, sandy and gravelly valley land, through scattering mesquite and palo verde timber and grease-wood brush undergrowth, 5 ft. high.

13.20 Dry ravine, 10 lks. wide, 3 ft. deep, course N. 80° W.

18.50 Dry ravine, 50 lks. wide, 5 ft. deep, course S. 45° W.

37.50 Dry ravine, 25 lks. wide, 4 ft. deep, course S. 50° W. Leave timber, brs. NE. and SW.

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

1/4 S 3 in W.,  
S 2 in E., and  
1914 in S. half;

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Chains.

- dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 64.30 Dry ravine, 15 lks. wide, 2 ft. deep, course S.  $60^\circ$  W.
- 74.12 Intersect the Gila and Salt River Base Line, 48 lks. west of the standard cor. of secs. 34 and 35, T. 1 N., R. 8 E., reestablished by me, as described in Book "B."
- 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, T. 1 S., R. 8 E., marked on brass cap,
- C C S of center,  
T 1 N, R 8 E, S 34, S 35 in N., and  
T 1 S, R 8 E, 1914 in S. half;  
S 2 in SE., and  
S 3 in SW. quadrant;
- dig pits 24x18x12 ins., crosswise on each line, E. and W. of 3 ft. dist., and S. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, south of cor.
- Land, rolling, slopes to the SW.
- Soil, light sandy and gravelly loam, 8 to 12 ins. deep on clay subsoil.
- Light growth bunch grass.
- Timber, scattering mesquite and palo verde.  
July 2, 1914.
- 
- June 30, 1914: At 7h. 03m. a.m., l.m.t., I set off  $33^\circ 17\frac{1}{2}'$  N. on the lat. arc;  $23^\circ 14'$  on the decl. arc and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34 on south bdy. of Tp., established by me, as described in Book "A."
- Thence I run,  
N.  $0^\circ 02' W.$ , bet. secs. 33 and 34.
- Over level, sandy valley land, through scattering mesquite timber and greasewood brush undergrowth, 4 to 6 ft. high.
- 18.65 Telephone line from Mesa, to Florence, Arizona, brs. NW. and SE.
- 28.95 Road from Mesa to Florence, Arizona, brs. N.  $45^\circ W.$  and S.  $45^\circ E.$
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 33 in W.,  
S 34 in E., and  
1914 in S. half;
- no trees within limits; dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.
- 54.35 Old wood road, brs. N.  $80^\circ W.$  and S.  $80^\circ E.$
- 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, marked on brass cap,  
T 1 S R 8 E in N., and  
1914 in S. half;  
S 28 in NW.,  
S 27 in NE.,  
S 34 in SE., and  
S 33 in SW. quadrant;
- no trees within limits; 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, sandy valley, drains to the SW.
- Soil, rich fine dry sandy loam, 18 ins. deep on moist clay subsoil.
- Good growth bunch grass.
- Timber, scattering mesquite.

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Chains.

East, on a random line, bet. secs. 27 and 34.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. and S. line, 8 lks. north of the cor. of secs. 26, 27, 34 and 35.  
 Thence I run,  
 N.  $89^{\circ} 57' W.$ , on a true line, bet. secs. 27 and 34.  
 Over level, sandy valley land, through greasewood brush, 4 ft. high.  
 39.99 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 27 in N., and  
 S 34, 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high. north of cor. This corner is in depression.  
 79.98 The cor. of secs. 27, 28, 33 and 34.  
 Land level sandy valley, drains to the SW.  
 Soil, rich moist sandy clay loam, 8 to 24 ins. deep on moist clay subsoil.  
 No timber.  
 Light growth bunch grass.

N.  $0^{\circ} 02' W.$ , bet. secs. 27 and 28.  
 Over level, sandy valley land, through greasewood brush undergrowth, 5 ft. high.  
 3.00 Enter scattering mesquite timber, brs. N.  $70^{\circ} E.$  and S.  $70^{\circ} W.$   
 5.00 Dry ravine, 15 lks. wide, 2 ft. deep, course S.  $70^{\circ} W.$   
 8.00 Leave timber, brs. N.  $70^{\circ} E.$  and S.  $70^{\circ} W.$   
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 28 in W.,  
 S 27 in E., and  
 1914 in S. half;  
 dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap,  
 T 1 S, R 8 E in N., and  
 1914 in S. half;  
 S 21 in NW.,  
 S 22 in NE.,  
 S 27 in SE., and  
 S 28 in SW. quadrant;  
 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 sandy valley, drains to the SW.  
 Soil, rich fine dry sandy and adobe clay loam, 12 to 20 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite along ravine.

S.  $89^{\circ} 57' E.$ , on a random line, bet. secs. 22 and 27.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line at the cor. of secs. 22, 23, 26 and 27.  
 Thence I run,  
 N.  $89^{\circ} 57' W.$ , on a true line, bet. secs. 22 and 27.  
 Over level sandy valley land, through heavy greasewood brush undergrowth, 6 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., marked on brass cap,  
 $\frac{1}{4}$  S 22 in N., and  
 S 27, 1914 in S. half;

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Chains.

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

Note: At this corner, I set off 23°12' N. on the decl. arc; and at apparent noon, observe the sun on the meridian, and obtain a reading of 33°19' N. on the lat. arc;

80.00

The cor. of secs. 21, 22, 27 and 28.

Land, level sandy valley, drains to the SW.

Soil, rich fine, dry sandy clay loam, about 16 ins. deep on dry, clay subsoil.

Light growth bunch grass.

No timber.

N. 0° 02' W., bet. secs. 21 and 22.

Over nearly level, sandy valley land, through scattering mesquite timber and heavy greasewood brush undergrowth, 3 to 6 ft. high.

24.90

Dry ravine, 20 lks. wide, 3 ft. deep, course S. 70° W.

40.00

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

1/4 S 21 in W.,

S 22 in E., and

1914 in S. half; no trees within limits; dig

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

55.95

Dry ravine, 15 lks. wide, 2 ft. deep; course S. 60° W.

61.45

Road from Mesa to Superior, brs. N. 80° W. and S. 80° E.

68.40

Old wood road, brs. N. 40° E. and S. 40° 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,

marked on brass cap,

T 1 S R 8 E in N., and

1914 in S. half;

S 16 in NW.,

S 15 in NE.,

S 22 in SE., and

S 21 in SW. quadrant;

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.

No trees within limits.

Land, level, drains to the SW.

Soil, medium rich dry sandy clay loam, 12 ins. deep on dry clay subsoil.

Light growth bunch grass.

Timber, scattering mesquite.

40.00

S. 89° 57' E. on a random line, bet. secs. 15 and 22.

Set temp. 1/4 sec. cor.

79.98

Intersect N. and S. line, 3 lks. south of the cor. of secs. 14, 15, 22 and 23.

Thence I run,

N. 89° 58' W., on a true line, bet. secs. 15 and 22.

Over nearly level, sandy valley land, through scattering mesquite and palo verde timber, and greasewood brush undergrowth, 3 ft. high.

39.99

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

1/4 S 15 in N., and

S 22 1914 in S. half;

no trees suitable for bearing trees within limits;

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

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chains.

44.10 Dry ravine, 20 lks.wide, 2 ft. deep, course S.45°W.  
 61.60 Road from Mesa, Arizona, to the Creswell Ranch, brs.N.  
 70°E. and S.70°W.  
 79.98 The cor.of secs.15,16, 21 and 22.  
 Land, nearly level sandy valley, drains to the SW.  
 Soil, rich fine dry sandy clay loam, 12 to 16 ins.deep  
 on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering palo verde and mesquite along ravines.  
 June 30,1914.

July 9,1914: At 7h.35m. a.m., 1.mt., I set off 33°20'N.  
 on the lat.arc; 22°26½'N. on the decl.arc; and deter-  
 mine a meridian with the solar at the cor.of secs.15,  
 16,21 and 22.

Thence I run,  
 N.0°02'W., bet. secs.15 and 16.  
 Over level, sandy valley land, through scattering grease-  
 wood brush undergrowth, 4 ft.high.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam.,26 ins. in  
 the ground for ¼ sec.cor., marked on brass cap,  
 S 16 in W.,  
 S 15 in E., and  
 1914. in S.half;  
 dig pits 18x18x12 ins., N.and S.of post, 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.9, 10,15 and 16, marked  
 on brass cap,  
 T 1 S R 8 E in N., and  
 1914 in S.half;  
 S 9 in NW.,  
 S 10 in NE.,  
 S 15 in SE., and  
 S 16 in SW.quadrant;  
 dig pits 18x18x12 ins. in each sec. 5½ ft. dist.,and  
 raise a mound of earth 4 ft.base, 2 ft.high,W.of cor.  
 Land, level valley, drains to the SW.  
 Soil, rich fine dry sandy clay loam, 8 to 14 ins.deep  
 on dry gravelly, clay subsoil.  
 Light growth bunch grass.  
 No timber.

s.89° 58'E., on a random line, bet. secs.10 and 15.  
 40.00 Set temp.¼ sec.cor.  
 80.00 Intersect N.and S. line, at the cor.of secs.10,11,14 and  
 15.

Thence I run,  
 N.89°58'W. on a true line, bet. secs. 10 and 15.  
 Over level; sandy valley land, slopes to the SW.,through  
 scattering mesquite timber and greasewood brush un-  
 dergrowth, 4 ft.high.  
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for ¼ sec.cor., marked on brass cap,  
 S 10 in N., and  
 S 15, 1914 in S.half; no trees suitable  
 for bearing trees within prescribed limits; dig  
 pits 18x18x12 ins., E.and W.of post, 3 ft. dist.;and  
 raise a mound of earth 3½ ft.base, 1½ ft.high,N.of  
 cor.

80.00 The cor.of secs.9,10,15 and 16.  
 Land,level, sandy valley, drains to the SW.  
 Soil,rich, fine dry sandy clay loam, 12 to 18 ins.deep  
 on dry clay subsoil.

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Chains.

Light growth bunch grass.  
Timber, scattering mesquite.

- N.0°02' W., bet. secs.9 and 10.  
Over rolling, sandy valley land, through scattering mesquite timber and greasewood brush undergrowth, 3 to 6 ft.high.
- 4.25 Road from Mesa, Arizona to the Carney Mine, brs.N.70°E. and S.70°W.
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 9 in W.,  
 S 10 in E., and  
 1914 in S.half;  
 no trees suitable for bearing trees within limits;  
 dig pits 18x18x12 ins. N.and S.of post, 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 west of cor.
- 52.40 Dry ravine, 20 lks.wide, 3 ft. deep, course S.45° W.
- 63.10 Old wood road, brs.E.and W.
- 64.80 Dry ravine, 60 lks.wide, 5 ft. deep, course west.
- 78.60 Dry ravine, 10 lks.wide, 3 ft. deep, course S.40°W.
- 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for the cor.of secs. 3, 4, 9 and 10, marked on brass cap,  
 T 1 S R 8 E in N.,and  
 1914 in S.half;  
 S 4 in NW.,  
 S 3 in NE.,  
 S 10 in SE., and  
 S 9 in SW.quadrant;  
 no trees large enough for bearing trees within limits;  
 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, rolling, sandy valley, drains to the SW.  
Soil, medium rich coarse gravelly clay loam on clay sub-soil.  
Light growth bunch grass.  
Timber, scattering mesquite and palo verde along ravines.  
Note: At this cor., I set off 22°24 $\frac{1}{2}$ 'N.on the decl.arc;  
and at apparent noon; observe the sun on the meridian,  
and obtain a reading of 33° 21'N.on the lat.arc.

- S.89°58'E., on a random line, bet. secs. 3 and 10.
- 40.00 Set temp. $\frac{1}{4}$  sec.cor.
- 80.08 Intersect N.and S. line, 2 lks.S.of the cor.of secs.2,3, 10 and 11.  
Thence I run,  
N.89°59'W., on a true line, bet. secs.3 and 10.  
Over rolling, sandy and gravelly valley land, drains to the SW., through scattering mesquite and palo verde timber and greasewood brush undergrowth, 4 to 6 ft. high.
- 32.20 Enter dry ravine, 4 ft.deep, course S.50°W.
- 35.00 Leave ravine.
- 40.04 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 3 in N., and  
 S 10, 1914 in S.half;  
 no trees within limits; dig pits 18x18x12 ins., E.  
 and W.of post; 3 ft. dist., and raise a mound of  
 earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.high, north of cor.
- 46.50 Dry ravine, 10 lks.wide, 3 ft. deep, course S.45°W.



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77.30 Dry ravine, 8 lks.wide, 4 ft.deep, course S.40°W.  
 80.08 The cor.of secs.3,4,9 and 10.  
 Land, rolling, stony and gravelly valley, drains to the SW.  
 Soil, light dry, gravelly and stony clay loam about 8 ins. deep on stony and gravelly clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering palo verde, and mesquite timber along ravines.

40.00 N.0°02'W., on a true line, bet. secs.3 and 4.  
 Over rolling, gravelly, valley land, drains to the SW.  
 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 4 in W.,  
 S 3 in E., and  
 1914 in S.half;  
 dig pits 18x18x12 ins., N.and S.of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.

56.70 Dry ravine, 15 lks.wide, 3 ft. deep, course S.45° W.  
 74.08 Intersect the Gila and Salt River Base Line, 56 lks. west of the standard cor. of secs. 33 and 34, T.1 N., R.8 E., reestablished by me, as described in Book "B."  
 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, T.1 S.,R.8 E., marked on brass cap,  
 C CS of center,  
 T 1 N R 8 E, S 33, S 34 in N., and  
 T 1 S, R 8 E, 1914 in S.half;  
 S 3 in SE., and  
 S 4 in SW. quadrant;  
 dig pits 24x18x12 ins., crosswise on each line, E.and W. 3 ft., and S.of post 7 ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high, S.of cor.  
 Land, rolling gravelly valley; drains to the SW.  
 Soil, poor, dry, gravelly clay loam, 8 ins.deep on clay subsoil.  
 Light growth bunch grass.  
 No timber.

July 9, 1914.

July 7, 1914: At 7h. 03m. a.m., l.m.t., I set off 33° 17 $\frac{1}{2}$ 'N. on the lat.arc; 22°40'N. on the decl.arc; and determine a meridian with the solar at the cor, of secs. 4, 5, 32 and 33 on south bdy.of Tp., established by me; as described in Book "A."  
 Thence I run,  
 N.0°02'W., bet. secs. 32 and 33.  
 Over nearly level, sandy valley land, through grease-wood brush undergrowth, 3 to 5 ft.high.  
 36.00 Swale 15 lks.wide, 1 ft. deep, course S.70°W.  
 40.00 Set an iron post 3 ft.long, 1 in.in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 32 in W.,  
 S 33 in E., and  
 1914 in S.half;  
 no trees within limits; dig pits 18x18x12 ins., N. and S.of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.high; west of cor.  
 72.00 Dry ravine, 20 lks.wide, 2 ft. deep, 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.28,29,32 and 33, marked on brass cap,

## 24. Subdivision of Township 1 South, Range 8 East.

Chains.

T 1 S, R 8 E in N., and  
 1914 in S. half;  
 S 29 in NW.,  
 S 28 in NE.,  
 S 33 in SE., and  
 S 32 in SW. quadrant;

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 valley, drains to the SW.

Soil, rich dry sandy loam, about 12 ins. deep on dry  
 clay subsoil.

Light growth bunch grass.

No timber.

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

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

80.00 Intersect N. and S. line, 2 lks. south of the cor. of secs.  
 27, 28, 33 and 34.

Thence I run,

S.  $89^{\circ}59'$  W. on a true line, bet. secs. 28 and 33.

Over level, sandy valley land, drains to the SW., through  
 greasewood brush undergrowth, 4 to 6 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., marked on brass cap,

$\frac{1}{4}$  S 28 in N., and  
 S 33, 1914 in S. half;

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

52.00 Dry ravine, 10 lks. wide,  $1\frac{1}{2}$  ft. deep, course S.  $70^{\circ}$  W.

63.95 Telephone line from Mesa to Florence, Arizona, brs. NW.  
 and SE.

64.95 Road from Mesa to Florence, Arizona, brs. N.  $60^{\circ}$  W. and  
 S.  $60^{\circ}$  E.

80.00 The cor. of secs. 28, 29, 32 and 33.

Land, level, drains to the SW.

Soil, rich, dry, sandy clay loam, about 12 ins. deep on  
 gravelly clay subsoil.

Light growth bunch grass.

No timber.

N.  $0^{\circ}02'$  W., bet. secs. 28 and 29.

Over rolling, sandy valley land, drains to the SW.,  
 through mesquite timber and greasewood brush under-  
 growth.

11.05 Road from Mesa to Florence, Arizona, brs. N.  $60^{\circ}$  W. and S.  $60^{\circ}$   
 E.

12.20 Telephone line from Mesa to Florence, Arizona, brs. NW. and  
 SE.

29.20 Dry ravine, 10 lks. wide, 2 ft. deep, course S.  $65^{\circ}$  W.

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

$\frac{1}{4}$  S 29 in W.,  
 S 28 in E., and  
 1914 in S. half;

no trees within limits; dig pits 18x18x12 ins., N.  
 and S. of post, 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. 20, 21, 28 and 29, marked  
 on brass cap,

T 1 S R 8 E in N., and  
 1914 in S. half;

Chains.

S 20 in NW.,  
S 21 in NE.,  
S 28 in SE., and  
S 29 in SW. quadrant;

no trees within limits; 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, rolling, sandy valley, drains to the SW.  
Soil, rich, fine dry sandy clay loam, 6 to 12 ins. deep, on gravelly clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.

SS DISC IS.

- 40.00 N. 89°59'E. on a random line, bet. secs. 21 and 28.  
Set temp. 1/4 sec. cor.
- 80.04 Intersect the cor. of secs. 21, 22, 27 and 28.  
Thence I run,  
S. 89°59'W., on a true line, bet. secs. 21 and 28.  
Over nearly level, sandy valley land, through greasewood brush undergrowth, 5 ft. high.
- 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 21 in N., and  
S 28, 1914 in S. half;  
no trees within limits; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, north of cor.  
Note: At this cor., I set off 22°38'N. on the lat. arc; and at apparent noon, observe the sun on the meridian, and obtain a reading of 33° 19'N. on the lat. arc.
- 80.04 The cor. of secs. 20, 21, 28 and 29,  
Land, rolling valley, drains to the SW.  
Soil, rich, dry sandy clay loam, 12 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite,

- N. 0°02'W., bet. secs. 20 and 21.  
Over rolling, sandy and gravelly valley land, drains to the SW., through scattering mesquite timber and greasewood brush undergrowth, 4 to 6 ft. high.
- 10.10 Dry ravine, 10 lks. wide, 2 ft. deep, course S. 80°W.
- 34.70 Dry ravine, 15 lks. wide, 3 ft. deep, course S. 50°W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 20 in W.,  
S 21 in E., and  
1914 in S. half;  
no trees suitable for bearing trees in the prescribed limits; dig pits 18x18x12 ins., N. and S. of post, 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. 16, 17, 20 and 21, marked on brass cap,  
T 1 S R 8 E in N., and  
1914 in S. half;  
S 17 in NW.,  
S 16 in NE.,  
S 21 in SE., and  
S 20 in SW. quadrant;  
no trees suitable for bearing trees within the prescribed limits; 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.

26. Subdivision of Township 1 South, Range 8 East.

Chains.

Land, rolling valley, drains to the SW.  
Soil, rich fine dry sandy and gravelly and clay loam, 8 to 14 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.

40.00 N. 89° 59' E., on a random line, bet. secs. 16 and 21.  
Set temp. 1/4 sec. cor.  
80.04 Intersect N. and S. line, 2 lks. south of the cor. of secs. 15, 16, 21 and 22.

Thence I run,  
S. 89° 58' W., on a true line, bet. secs. 16 and 21.  
Over rolling, sandy valley land, through scattering mesquite timber and greasewood brush 4 ft. high.

40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 16 in N, and 1/4 S 21, 1914 in S. half;

no trees within the prescribed limits; dig pits 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, north of corner.

71.74 Road from Mesa, to Superior, Arizona, brs. N. 60° W. and S. 60° E.

80.04 The cor. of secs. 16, 17, 20 and 21.  
Land, rolling valley, drains to the SW.  
Soil, medium rich fine dry clay loam, about 12 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.

July 7, 1914.

July 11, 1914: At 7h.05m. a.m., l.m.t., I set off 33° 20' N. on the lat. arc; 22° 12' 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° 02' W., bet. secs. 16 and 17.

Over rolling, sandy valley land, drains to the SW., through scattering mesquite timber and greasewood brush undergrowth, 4 to 6 ft. high.

2.15 Road from Mesa, to Superior, Arizona, brs. N. 70° W., and S. 70° E.

3.30 Dry ravine, 10 lks. wide, 2 1/2 ft. deep, course S. 60° W..

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 17 in W., S 16 in E., and 1914 in S. half;

no trees within limits suitable for bearing trees; dig pits 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, west of corner.

56.70 Dry ravine, 15 lks. wide, 2 ft. deep, course S. 45° W.

61.80 Road from Mesa, Arizona, to the Carney Mine brs. N. 60° E., and 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. 8, 9, 16 and 17, marked on brass cap,

T 1 S. R 8 E in N., and 1914 in S. half;  
S 8 in NW.,  
S 9 in NE.,  
S 16 in SE., and  
S 17 in SW. quadrant;

Chains.

no trees suitable for bearing trees within the prescribed limits; 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, rolling, sandy and gravelly valley. Soil, medium rich, sandy clay loam, about 8 ins. deep on dry, clay subsoil. Light growth bunch grass. Timber, scattering mesquite along ravines.

N. 89° 58' E., on a random line, bet. secs. 9 and 16. Set temp. 1/4 sec. cor.

40.00 80.08 Intersect the cor. of secs. 9, 10, 15 and 16. Thence I run,

S. 89° 58' W., on a true line, bet. secs. 9 and 16. Over nearly level, sandy valley land, through greasewood brush undergrowth, 4 to 6 ft. high.

20.94 Road from Mesa, Arizona to the Carney Mine, brs. N. 60° E. and S. 60° W.

40.04 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 9 in N., and S 16, 1914 in S. half; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, north of cor.

80.08 The cor. of secs. 8, 9, 16 and 17. Land, rolling valley, drains to the SW. Soil, rich fine dry sandy clay loam about 12 ins. deep on dry clay subsoil. Light growth bunch grass. No timber.

N. 0° 02' W., bet. secs. 8 and 9. Over rolling, sandy valley land, drains to the SW., through scattering mesquite timber and greasewood brush undergrowth 4 to 6 ft. high.

34.90 40.00 Old road, brs. N. 45° E. and S. 45° W. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap, 1/4 S 8 in W., S 9 in E., and 1914 in S. half;

no trees within the limits; dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, west of cor.

46.90 60.76 Dry ravine, 8 lks. wide, 3 ft. deep, course S. 40° W. Dry ravine, 15 lks. wide, 3 ft. deep, 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, marked on brass cap,

- T 1 S, R 8 E in N., and 1914 in S. half; S 5 in NW., S 4 in NE., S 9 in SE., and S 8 in SW. quadrant;

no trees suitable for bearing trees within the prescribed limits; 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, rolling valley, drains to the SW. Soil, rich fine dry sandy clay loam, with considerable gravel, 8 to 18 ins. deep on dry clay subsoil.

## 28. Subdivision of Township 1 South, Range 8 East.

Chains.

Light growth bunch grass.  
Timber, scattering mesquite along the ravines.

- 40.00 N.89°58'E., on a random line, bet. secs.4 and 9.  
Set temp.  $\frac{1}{4}$  sec.cor.  
80.06 Intersect N.and S. line, 3 lks.S.of the cor.of secs.3,4,  
9 and 10.  
Thence I run,  
S.89°57'W., on a true line, bet. secs.4 and 9.  
Over rolling, sandy valley land, through scattering mes-  
quite timber and greasewood brush undergrowth, 4 to 6  
ft.high.  
40.03 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 4 in N., and  
S 9, 1914 in S.half;  
no trees large enough for bearing trees within limits;  
dig pits 18x18x12 ins., E.and W.of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
north of corner.  
Note: At this cor., I set off 22° 10'N. on the decl.  
arc; and at apparent noon, observe the sun on the mer-  
idian, and obtain a reading of 33° 21'N. on the lat.  
arc.  
59.00 Dry ravine, 10 lks.wide, 4 ft.deep, course S.45° W.  
80.06 The cor.of secs.4,5,8 and 9.  
Land, rolling valley, drains to the SW.  
Soil, sandy claim loam, with some gravel 8 ins.deep on  
dry, clay subsoil.  
Light growth bunch grass..  
Timber, scattering mesquite.

- N.0°02'W., on a true line, bet. secs.4 and 5.  
Over rolling, gravelly valley land, drains to the SW.,  
through scattering mesquite timber and greasewood  
brush, 4 to 6 ft.high.  
10.95 Dry ravine, 5 lks.wide, 2 ft. deep, course S.50°W.  
33.00 Dry ravine, 15 lks.wide. 4 ft.deep, course S.40°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., marked on brass cap,  
 $\frac{1}{4}$  S 5 in W.,  
S 4 in E., and  
1914 in S.half;  
no trees within the prescribed limits; dig pits  
18x18x12 ins., N.and S.of post, 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W.of  
corner.  
40.65 Dry ravine, 8 lks.wide, 4 ft.deep, course S.30°W.  
74.14 Intersect the Gila and Salt River Base Line, 76 lks.west  
of the standard cor.of secs.32 and 33, T.1 N., R.8 E.,  
reestablished by me, as described in Book "B."  
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.4 and 5, T.1 S., R.8 E., marked on brass  
cap,  
C C S of center,  
T 1 N, R 8 E, S 32, S 33 in N., and  
T 1 S, R 8 E, 1914 in S.half;  
S 4 in SE., and  
S 5 in SW.quadrant;  
no trees within limits; dig pits 24x18x12 ins.cross-  
wise on each line, E.and W.3 ft., and S.of post 7 ft.  
dist., and raise a mound of earth 4 ft.base, 2 ft.  
high, S.of cor.

Subdivision of Township 1 South, Range 8 East. 29.

Chains.

Land, rolling valley, drains to the SW.  
Soil, coarse, dry sandy clay loam, about 8 ins. deep on clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.  
July 11, 1914.

July 8, 1914: At 8h. 05m., a.m., l.m.t., I set off 33°17' N. on the lat. arc; 22°33' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32 on south bdy. of Tp., established by me, as described in Book "A."

Thence I run, N. 0°03' W., bet. secs. 31 and 32. Over nearly level, sandy valley land, through greasewood brush.

13.25 Road to Mesa, Arizona, brs. N. 30° W. and S. 30° E.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 31 in W., S 32 in E., and 1914 in S. half; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, west of corner.

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, marked on brass cap, T 1 S R 8 E in N., and 1914 in S. half; S 30 in NW. S 29 in NE., S 32 in SE., and S 31 in SW. quadrant; 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, rolling valley, drains to the SW.  
Soil, rich, fine dry sandy clay loam, 8 to 14 ins. deep on dry clay subsoil.  
Good growth bunch grass.  
No timber.

40.00 East, on a random line, bet. secs. 29 and 32.  
Set temp. 1/4 sec. cor.  
80.04 Intersect N. and S. line, 5 lks. north of the cor. of secs. 28, 29, 32 and 33.

Thence I run, N. 89°58' W., on a true line, bet. secs. 29 and 32. Over level, sandy valley land, drains to the SW., through greasewood brush undergrowth, 4 to 6 ft. high.

40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 29 in N., and S 32, 1914 in S. half; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, north of cor.

80.04 The cor. of secs. 29, 30, 31 and 32.  
Land, rolling valley, drains to the SW.  
Soil, rich, fine dry sandy loam, 12 ins. deep on dry clay subsoil.  
Good growth bunch grass.  
No timber.

## 30. Subdivision of Township 1 South, Range 8 East.

Chains.

- West, on a true line, bet. secs. 30 and 31.  
Over level, sandy valley land, through greasewood brush undergrowth, 4 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., marked on brass cap,  
 $\frac{1}{4}$  S 30 in N., and  
 S 31, 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of corner.
- 49.05 Road to Mesa, Arizona, brs. N. 45° W. and S. 45° E.  
 52.50 Swale, 20 lks. wide, 1 ft. deep, course S. 70° W.  
 92.70 Intersect west bdy. of Tp., 5.42 chs. N. 0° 29' W. of the cor. of secs. 25, 30, 31 and 36, which is an iron post 3 ins. in diam., 12 ins. 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. 30 and 31, marked on brass cap,  
 C C E. of center,  
 T 1 S. in W.,  
 1914 in S., and  
 R 7 E, S 25, S 36 in W. half;  
 R 8 E, S 30 in NE., and  
 S 31 in SE. quadrant;  
 dig pits 24x18x12 ins. crosswise on each line, N. and S. 3 ft., and E. of post, 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.  
 I change the cor. of secs. 25, 30, 31 and 36, from a corner common to 4 to a corner common to 2 secs., and the  $\frac{1}{4}$  sec. cor. bet. secs. 31 and 36 to a corner common to one section for the township on the west.  
 Land, level, sandy valley, drains to the SW.  
 Soil, rich fine, dry clay loam 8 to 12 ins. deep on dry clay (subsoil).  
 Good growth bunch grass.  
 No timber.  
 Note: Clouds obscure the sun at noon today, rendering an observation for latitude impossible.

- N. 0° 03' W., bet. secs. 29 and 30.  
Over nearly level, sandy valley, drains to the SW., through greasewood brush undergrowth, 4 to 6 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., marked on brass cap,  
 $\frac{1}{4}$  S 30 in W.,  
 S 29 in E., and  
 1914 in S. half;  
 dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.
- 47.40 Swale, 25 lks. wide, 1 ft. deep, course west.  
 57.50 Dry ravine, 10 lks. wide, 3 ft. deep, course S. 45° W.  
 72.50 Telephone line from Mesa to Florence, Arizona, brs. N. 45° W. and S. 45° E.  
 73.95 Road from Mesa, to Florence, Arizona, brs. N. 60° W. and S. 60° E.  
 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, marked on brass cap,  
 T 1 S R 8 E in N., and  
 1914 in S. half;  
 S 19 in NW.,  
 S 20 in NE.,  
 S 29 in SE., and  
 S 30 in SW. quadrant;  
 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,



Subdivision of Township 1 South, Range 8 East. 31.

Chains.

west of cor.  
Land, rolling, drains to the SW.  
Soil, rich, fine dry, sandy clay loam, about 12 ins.  
deep on dry clay subsoil.  
Good growth bunch grass.  
No timber.

July 8, 1914.

July 10, 1914: At 8h. 35m. a.m., l.m.t., I set off 33°19' N. on the lat.arc; 22°19' N. on the decl.arc; and determine a meridian with the solar at the cor.of secs. 19, 20, 29 and 30.

40.00 Thence I run,  
80.08 S.89°58'E., on a random line, bet. secs.20 and 29.  
Set temp. 1/4 sec.cor.  
Intersect N.and S. line, 5 lks.south of the cor.of secs. 20, 21, 28 and 29.

40.04 Thence I run,  
West, on a true line, bet. secs.20 and 29.  
Over rolling, sandy valley land, through scattering mesquite timber and greasewood brush, 4 ft.high.  
Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 1/4 sec.cor., marked on brass cap, 1/4 S 20 in N., and 1/4 S 29, 1914 in S.half;  
no trees within the prescribed limits; dig pits 18x18x12 ins., E.and W.of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N.of cor.

44.83 Dry ravine, 15 lks.wide, 3 ft. deep, course S.40°W.  
61.38 Dry ravine, 20 lks.wide, 2 ft. deep, course S.45°W.  
80.08 The cor.of secs.19, 20, 29, and 30.  
Land; rolling, drains to the SW.  
Soil, rich, fine dry sandy clay loam, 8 to 16 ins.deep on clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.

West, on a true line, bet. secs.19 and 30;  
Over rolling, sandy valley land, drains to the SW., through scattering mesquite timber and greasewood brush, 4 to 7 ft. high.

7.40 Road from Mesa to Florence, Arizona, brs.N.60 °W., and S.60 °E.  
10.00 Telephone line from Mesa to Florence, Arizona, brs.N.45°W., and S.45°E.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., marked on brass cap, 1/4 S 19 in N., and 1/4 S 30, 1914 in S.half;  
no trees suitable for bearing trees in limits; dig pits 18x18x12 ins., E.and W.of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

42.60 Dry ravine, 20 lks.wide, 2 ft.deep, course S.45° W.  
93.20 Intersect west bdy.of Tp., 5.60 chs. N.0° 29' W.of the cor.of secs.19, 24, 25 and 30, which is an iron post 3 ins. in diam., 12 ins. 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.19 and 30, marked on brass cap, C C E of center, T 1 S in N.,

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- 1914 in S., and  
 R 7 E, S 24, S 25 in W. half;  
 R 8 E S 19 in NE., and  
 S 30 in SE. quadrant;  
 dig pits 24x18x12 ins. crosswise on each line, N. and S.  
 3 ft., and E. of post 7 ft. dist., and raise a mound  
 of earth 4 ft. base, 2 ft. high, east of cor.  
 I change the old cor. of secs. 19, 24, 25 and 30, from a  
 corner common to 4 to a corner common to 2 secs., and  
 the old  $\frac{1}{4}$  sec. cor., bet. secs. 25 and 30, to a cor-  
 ner common to 1 sec. only for the township on the west.  
 Land, rolling, drains to the SW.  
 Soil, medium rich dry clay loam about 12 ins. deep on  
 dry, clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.
- 
- N. 0° 03' W., bet. secs. 19 and 20.  
 Over rolling, sandy valley land, through scattering mes-  
 quite timber, and greasewood brush undergrowth, 4  
 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., marked on brass cap,  
 $\frac{1}{4}$  S 19 in W.,  
 S 20 in E., and  
 1914 in S. half;  
 no trees suitable for bearing trees within limits;  
 dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 west of cor.  
 56.70 Dry ravine, 15 lks. wide, 3 ft. deep, course S. 45° 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, marked  
 on brass cap,  
 T 1 S R 8 E in N., and  
 1914 in S. half;  
 S 18 in NW.,  
 S 17 in NE.,  
 S 20 in SE., and  
 S 19 in SW. quadrant;  
 no trees within the prescribed limits suitable for  
 bearing trees; 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, drains to the SW.  
 Soil, medium rich fine dry clay loam with some gravel,  
 8 to 12 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.  
 Note: At this corner, I set off 22° 18' N. on the decl.  
 arc and at apparent noon, observe the sun on the  
 meridian, and obtain a reading of 33° 20' N. on the  
 lat. arc.
- 
- East, on a random line, bet. secs. 17 and 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.08 Intersect N. and S. line, 4 lks. north of the cor. of secs.  
 16, 17, 20 and 21.  
 Thence I run,  
 N. 89° 58' W., on a true line, bet. secs. 17 and 20;  
 Over rolling, sandy valley land, drains to the SW.,  
 through scattering mesquite timber and greasewood  
 brush, 4 ft. high.  
 4.78 Dry ravine, 10 lks. wide,  $2\frac{1}{2}$  ft. deep, course S. 60° W.  
 40.04 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

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the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 17 in N., and  
S. 20, 1914 in S. half;

no trees large enough for bearing trees within limits;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
north of cor.

80.08

The cor. of secs. 17, 18, 19 and 20.  
Land, rolling valley, drains to the SW.  
Soil, dry, sandy clay loam, 6 to 12 ins. deep on dry clay  
subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.

West, on a true line, bet. secs. 18 and 19.  
Over nearly level sandy valley land, through mesquite  
and greasewood 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., marked on brass cap,  
 $\frac{1}{4}$  S 18 in N., and  
S 19, 1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
north of cor.

90.90

Telephone line from Mesa to Florence, Arizona, brs. N.  
 $57\frac{1}{2}^{\circ}$  W. and  $S. 34\frac{1}{4}^{\circ}$  E.

93.65

Intersect the west bdy. of Tp., 5.84 chs. N.  $0^{\circ}29'$  W. of the  
cor. of secs. 13, 18, 19 and 24, which is an iron post,  
3 ins. in diam., 12 ins. 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. 18 and 19, marked on brass cap,

C C E of center,  
T 1 S in N.,  
1914 in S., and  
R 7 E, S 13, S 24 in W. half;  
R 8 E, S 18 in NE., and  
S 19 in SE. quadrant;

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

No trees suitable for bearing trees available.  
I change the old cor. of secs. 13, 18, 19 and 24 from a  
corner common to 4 secs. to a corner common to 2 secs.  
and the old  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 24 to a cor.  
common to 1 sec. only for the Tp. on the west.

Land, rolling valley, drains to the SW.  
Soil, medium rich, dry clay loam, with considerable gravel  
6 to 12 ins. deep on dry clay subsoil.

Light growth bunch grass.  
Timber, scattering mesquite trees,  
July 10, 1914.

July 13, 1914: At 7h. 05m. a.m., l.m.t., I set off  $33^{\circ}20'$   
N. on the lat. arc;  $21^{\circ}56'$  N. on the decl. arc; and de-  
termine a meridian with the solar at the cor. of secs.  
17, 18, 19 and 20.

Thence I run,  
N.  $0^{\circ}03'$  W., bet. secs. 17 and 18.  
Over rolling, sandy valley land, drains to the SW.,  
through scattering mesquite timber, and greasewood  
brush undergrowth, 4 ft. high.

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22295 Road from Mesa to Superior, Arizona, brs.N.80°W. and S.80°E.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 1/4 sec.cor., marked on brass cap, 1/4 S 18 in W., S 17 in E., and 1914 in S.half;

no trees within limits; dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, west of cor.

47.45 Road from Mesa to the Carney Mine brs.N.80°E. and S.80° W.

62.00 Old wood road, brs.N. 45°E. and S.45°W.

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, marked on brass cap,

T 1 S, R 8 E in N., and 1914 in S.half; S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW.quadrant;

no trees suitable for bearing trees within the prescribed limits; 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, rolling, drains to the SW.

Soil, medium rich, dry, sandy clay loam with some gravel 6 to 12 ins. deep on dry clay and gravel subsoil.

Light growth bunch grass.

Timber, scattering mesquite.

S.89°58'E., on a random line, bet. secs.8 and 17.

40.00 Set temp.1/4 sec.cor.

80.06 Intersect N.and S. line, 5 lks.south of the cor.of secs. 8, 9, 16 and 17.

Thence I run,

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

Over nearly level sandy valley land, drains to the SW., through scattering mesquite timber and greasewood brush undergrowth, 4 ft. high.

40:03 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., marked on brass cap,

1/4 S 8 in N., S 17, 1914 in S.half;

no trees suitable for bearing trees within limits; dig pits 18x18x12 ins., E.and W.of post, 3 ft.dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, north of cor.

60.00 Road, brs.NE. and SW.

80.06 The cor.of secs.7,8,17 and 18.

Land, rolling valley, drains to the SW.

Soil, medium rich dry sandy and gravelly clay loam 6 to 12 ins. deep on gravelly clay subsoil.

Light growth bunch grass.

Timber, scattering mesquite.

Note: At this cor. I set off 21° 53' N.on the decl.arc; and at apparent noon, observe the sun on the meridian, and obtain a reading of 33° 21'N. on the lat.arc;

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West, on a true line, bet. secs. 7 and 18.  
 Over rolling, sandy and gravelly valley land, drains to the SW., through scattering mesquite and greasewood brush undergrowth, 4 to 6 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., marked on brass cap,  
 S 7 in N., and  
 S 18, 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.

57.70 Dry ravine, 10 lks. wide, 3 ft. deep, course S. 60° W.  
 89.80 Dry ravine, 10 lks. wide, 3 ft. deep, course N. 50° W.  
 94.24 Intersect the west bdy. of Tp., 5.90 chs. N. 0° 29' W., of the cor. of secs. 7, 12, 13 and 18, which is an iron post 3 ins. in diam., 12 ins. 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. 7 and 18, marked on brass cap,  
 C C E of center,  
 T 1 S in N.,  
 1914 in S., and  
 R 7 E, S 12, S 13 in W. half;  
 R 8 E S 7 in NE., and  
 S 18 in SE. quadrant;  
 dig pits 24x18x12 ins. crosswise on each line, N. and S. 3 ft., and east of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, east of cor.

I change the old cor. of secs. 7, 12, 13 and 18 from a corner common to 4 to a corner common to 2 secs., and the old  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 18 to a corner common to 1 sec. for the Tp. on the west.

Land, rolling valley, drains to the SW.  
 Soil, medium rich dry, sandy clay loam, 6 to 12 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.

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N. 0° 03' W., bet. secs. 7 and 8.  
 Over rolling, sandy and gravelly valley land, drains to the SW., through scattering mesquite and palo verde timber and greasewood brush, 4 ft. high.

28.80 Dry ravine, 25 lks. wide, 4 ft. deep, course S. 60° W.  
 36.90 Dry sand wash, 75 lks. wide, course S. 70° W.  
 40.00 The point for the  $\frac{1}{4}$  sec. cor. falls in dry sand wash, 15 lks. wide, 3 ft. deep, course S. 70° W.; therefore, I continue my line and measurement, and at

40.50 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to the  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 W C  $\frac{1}{4}$  S of center;  
 1914 in S. half;  
 S 8 in SE., and  
 S 7 in SW. quadrant;  
 no trees suitable for bearing trees within limits;  
 dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, marked on brass cap,  
 T 1 S R 8 E in N., and  
 1914 in S. half;  
 S 6 in NW.,  
 S 5 in NE.,  
 S 8 in SE., and  
 S 7 in SW. quadrant;

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No trees within limits; 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, rolling valley, drains to the SW.  
 Soil, light dry, sandy clay loam with considerable gravel, 6 to 12 ins. deep on dry stony clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite and palo verde along the ravines.

July 13, 1914.

July 14, 1914: At 7h. 35m. a.m., l.m.t., I set off 33° 21½' N. on the lat. arc; 21° 46½' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 7 and 8.

Thence I run,  
 East, on a random line, bet. secs. 5 and 8.  
 40.00 Set temp. ¼ sec. cor.  
 80.12 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence I run,  
 S. 89° 59' W., on a true line, bet. secs. 5 and 8.  
 Over rolling, gravelly valley land, through scattering mesquite and palo verde timber, and greasewood brush undergrowth, 4 to 6 ft. high.

38.84 Dry ravine, 10 lks. wide, 3 ft. deep, course S. 45° W.  
 40.06 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,  
 ¼ S 5 in N., and  
 S 8, 1914 in S. half;

no trees within the prescribed limits; dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of corner.

47.24 Dry ravine, 10 lks. wide, 2 ft. deep, course S. 40° W.  
 80.12 The cor. of secs. 5, 6, 7 and 8.  
 Land, rolling valley, drains to the SW.  
 Soil, stony clay loam, 8 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite and palo verde.

West, on a true line, bet. secs. 6 and 7.  
 Over rolling valley land, slopes to the SW., through scattering mesquite timber and greasewood brush 4 ft. high.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,  
 ¼ S 6 in N., and  
 S 7, 1914 in S. half;

no trees suitable for bearing trees within limits; dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

53.00 A point 3.00 chs. south of Hawk Rock.  
 94.72 Intersect the west bdy. of Tp. 6.04 chs. N. 0° 29' W. of the cor. of secs. 1, 6, 7 and 12, which is an iron post 3 ins. in diam., 24 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 cor. of secs. 6 and 7, marked on brass cap,  
 C C E. of center,  
 T 1 S in N.,  
 1914 in S., and  
 R 7 E, S 1, S 12 in W. half;

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R 8 E, S 6 in NE., and  
S 7 in SE. quadrant;

no trees within the prescribed limits; dig pits 24x18x12 ins. crosswise on each line N. and S. 3 ft., and E. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

I change the old cor. of secs. 1, 6, 7 and 12 from a corner common to 4 to a corner common to 2 secs., the old 1/4 sec. between secs. 7 and 12, and the old 1/4 sec. cor. between secs. 1 and 6, to a corner common to 1 sec. for the township on the west.

Land, rolling valley, drains to the SW.  
Soil, poor, dry, gravelly and stony clay loam, 3 to 8 ins. deep on clay and stone subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite and palo verde.

N. 0° 03' W., on a true line, bet. secs. 5 and 6.  
Over rolling, gravelly and stony valley land, through scattering mesquite and palo verde timber, and grease-wood brush undergrowth, 4 to 6 ft. high.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 6 in W.,  
S 5 in E., and  
1914 in S. half;

no trees within limits; dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, west of corner.

45.00 Dry ravine, 8 lks. wide, 3 ft. deep, course S. 50° W.

74.12 Intersect the Gila and Salt River Base Line, .62 lks. west of the standard cor. of secs. 31 and 32, T. 1 N., R. 8 E., reestablished by me, as described in Book "B."

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

C C S of center,  
T 1 N R 8 E, S 31, S 32 in N., and  
T 1 S, R 8 E, 1914 in S. half;  
S 5 in SE., and  
S 6 in SW. quadrant;

no trees within limits; dig pits 24x18x12 ins. crosswise on each line, E. and W. 3 ft. and S. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, south of cor.

Land, rolling, drains to the SW.  
Soil, stony and gravelly clay loam, about 8 ins. deep on stony clay subsoil.

Light growth bunch grass.  
Timber, scattering mesquite and palo verde.

Note: At this cor., I set off 21° 44 1/2' N. on the decl. arc; and at apparent noon, observe the sun on the meridian, and obtain a reading of 33° 22 1/2' N. on the lat. arc.  
July 14, 1914.

GENERAL DESCRIPTION.

This township contains three varieties of land, level, rolling and mountainous; is highest in the northeast part, and slopes gently towards the west and southwest part, which is practically level. The soil over the greater portion of the township is a rich dry sandy loam on clay subsoil, and will produce crops of all kinds abundantly with irrigation; the soil

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of the mountainous portion of the township in sec. 1 is so stony as to be unfit for agricultural purposes, Nearly the entire township is covered with a light growth of bunch grass, which affords pasture for quite a number of cattle and sheep during the winter season.

The township is covered with a dense growth of greasewood brush undergrowth and scattering palo verde, mesquite and ironwood timber, the most of which is of a scrubby character, unfit for commercial purposes. There is no living water in the township, and only a few earth tanks constructed to store water for stock use.

There is one settler in sec. 35.

*Sidney E. Blunt*,  
U.S. Surveyor.



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39  
BOOK 2881

FOR FINAL OATH OF UNITED STATES SURVEYOR.  
See Book "F"

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 Arizona October 21, 1915

The foregoing field notes of the ~~survey of~~ retracement and resurvey of the East boundary and survey of the subdivision lines of Township 1 South, Range 8 East of the Gila and Salt River Base and Meridian in the State of Arizona.

executed by Sidney E. Bloct - U.S. Surveyor under his special instructions dated October 24, 1913 for Group 31, 191 \_\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements, resurveys and surveys they describe, are hereby approved.

Frank Ingalls  
U. S. Surveyor General.  
OF ARIZONA.

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