

2832

4-679

Book "H"

BOOK 2832

169

# FIELD NOTES

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

*South Boundary  
and survey of the  
Subdivision Lines of T.1S., R.9E.*

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 Act of

Congress dated *August 1*, 1914.

*Resurvey & Survey commenced July 22*, 1914

*Resurvey & Survey completed August 6*, 1914

1A

# Book "H"

BOOK 2832

## INDEX DIAGRAM.

Township 1 South Range 9 East

Gila		&		Salt		River		Base		Line	
6	<del>40</del>	5	31	4	25	3	18	2	12	1	
<del>40</del>		39		31		24		18		11	
7	38	8	30	9	23	10	17	11	10	12	
<del>38</del>		37		29		23		16		10	
18	37	17	29	16	22	15	16	14	9	13	
<del>36</del>		36		28		22		15		9	
19	35	20	28	21	21	22	15	23	8	24	
<del>35</del>		34		27		21		14		7	
30	33	29	26	28	20	27	14	26	7	25	
<del>33</del>		32		26		19		13		6	
31	32	32	25	33	19	34	12	35	6	36	
<del>2</del>		<del>2</del>		<del>3</del>		<del>4</del>		<del>4</del>		<del>5</del>	

6-151

- Notes in Book "B"
- " " " " "A"
- " " " " "G"
- " " " " "F"
- Accepted surveys.

Retracement of South bdy. of Township 1 South Range 9 East. 16  
Chains.

Retracement and resurvey commenced July 22, 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.

At the cor. of Ts. 1 and 2 S., Rs. 8 and 9 E. reestablished by me as described in Book "F;" latitude, 33° 17' 20" N.; longitude, 111° 29' 10" W. at 8h. 36m. a.m., l.m. t., I set off 33° 17 1/2' N. on the lat. arc; 20° 23' N. on the decl. arc, and determine a meridian with the solar. Thence I retrace the south bdy. of T. 1 S., R. 9 E.; as follows:

- N. 89° 50' E. (original course) on random line, bet. secs. 6 and 31.
- 41.50 Find no trace of original 1/4 sec. cor.
- 81.50 Find no trace of original cor. of secs. 5, 6, 31 and 32. Continue line and measurement bet. secs. 5 and 32.
- 121.50 Find no trace of original 1/4 sec. cor.
- 161.50 Find no trace of original cor. of secs. 4, 5, 32 and 33. Continue line and measurement, bet. secs. 4 and 33.
- 201.50 Find no trace of original 1/4 sec. cor.
- 241.50 Find no trace of original cor. of secs. 3, 4, 33 and 34. Continue line and measurement bet. secs. 3 and 34.
- 279.80 Fall 60 lks. south of remains of original 1/4 sec. cor., a sandstone 12x10x4 ins., marked 1/4. As this stone is lying on ground, and no corner accessories are visible from which to determine original location of corner, I continue line and measurement.
- 321.50 Find no trace of original corner of secs. 2, 3, 34 and 35. Continue line and measurement, bet. secs. 2 and 35.
- 361.50 Find no trace of original 1/4 sec. cor.
- 399.50 Fall 45 lks. south of remains of original cor. of secs. 1, 2, 35 and 36, a sandstone 14x7x4 ins., properly marked. As this stone is lying on the ground, and no corner accessories are visible from which to determine the original location of this cor., I continue line and measurement bet. secs. 1 and 36.
- 441.50 Find no trace of original 1/4 sec. cor.
- 480.30 Fall 56 lks. south of the remains of original cor. of Ts. 1 and 2 S., Rs. 9 and 10 E., a palo verde post, 4 ins. square, 14 ins. long, greatly decayed, marks almost obliterated, lying on the remains of mound of stone.

I destroy all evidence of this old cor., and reestablish it in original position as follows:

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 1 and 2 S., Rs. 9 and 10 E., marked on brass cap,

- T 1 S in N.,
- R 10 E in E.,
- T 2 S 1914 in S., and
- R 9 E in W. half;
- S 36 in NW.
- S 31 in NE.;
- S 6 in SE., and
- S 1 in SW. quadrant;

raise a mound of stone, 2 ft. base, 1 1/2 ft. high, south of cor. Pits impracticable.

True course and dist. of south bdy. of T. 1 S., R. 9 E. is therefore, N. 89° 46' E., 480.30 chs.

July 22, 1914.

Finding from the above described retracement that the original corners are all lost or obliterated, and as the township on the south has been subdivided, I resurvey the line complete, reestablishing the cors. at distances proportional to the original distances,

2. Retracement of the South bdy. of Township 1 S., R. 9 E.

Chains.

marking them to refer to sections in both townships, and destroy any traces of original cors. that I find, as described in the notes of my resurvey as follows:

Resurvey of South bdy. of Township 1 South, Range 9 East.

July 24, 1914: At 7h. 06m. a.m., l.m.t., I set off 33° 17½' N. on the lat. arc; 20° 00' N. on the decl. arc; and determine a meridian with the solar at the cor. of Ts. 1 and 2 S., Rs. 8 and 9 E., reestablished by me, as described in Book "F."

Thence I run, N. 89° 46' E., on a true line, bet. secs. 6 and 31.

Over nearly level, sandy valley land, through greasewood brush undergrowth, 4 ft. high.

31.25 Swale, 10 lks. wide, 1 ft. deep, course S. 45° W.

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

¼ S 31 in N., and S 6, 1914 in S. half; 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 cor.

81.30 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T 1 S in N., T 2 S 1914 in S., and R 9 E in W. half; S 31 in NW. S 32 in NE.; S 5 in SE., and S 6 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, coarse sandy and gravelly clay loam, about 12 ins. deep on dry clay subsoil.

Light growth bunch grass.

No timber.

July 24, 1914.

July 25, 1914: At 6h. 36m. a.m., l.m.t., I set off 33° 17½' N. on the lat. arc; 19° 48½' N. on the decl. arc; and determine a meridian with the solar at the reestablished corner of secs. 5, 6, 31 and 32,

Thence I run, N. 89° 46' E., on a true line, bet. secs. 5 and 32.

Over rolling, sandy valley land, through greasewood brush undergrowth 4 to 6 ft. high.

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

¼ S 32 in N., and S 5, 1914 in S. half;

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 cor.

54.80 Dry ravine, 20 lks. wide, 5 ft. deep, course S. 45° W.

79.80 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in

Resurvey of the South Bdy. of Township 1 South, Range 9 East. 3.

Chains.

the ground for reestablished cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T 1 S in N.,  
T 2 S, 1914 in S., and  
R 9 E in W. half;  
S 32 in NW.,  
S 33 in NE.,  
S 4 in SE., and  
S 5 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 corner.

Land, nearly level valley, drains to the SW.

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

Light growth bunch grass.

No timber.

July 25, 1914.

July 28, 1914: At 6h. 36m. a.m., l.m.t., I set off  $33^{\circ} 17\frac{1}{2}'$  N. on the lat. arc;  $19^{\circ} 09'$  N. on the decl. arc; and determine a meridian with the solar at the reestablished cor. of secs. 4, 5, 32 and 33.

Thence I run,

N.  $89^{\circ} 46'$  E., on a true line, bet. secs. 4 and 33.

Over rolling, sandy valley land, through greasewood brush undergrowth, 6 ft. high.

18.00 Enter scattering mesquite and palo verde timber, brs. N. and S.

19.90 A point, 140 lks. south of old earth reservoir.

26.70 Wood road, brs. N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.

33.97 Same road, brs. N.  $70^{\circ}$  E. and S.  $70^{\circ}$  W.

39.90 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 33 in N., and

S 4, 1914 in S. half; from which,

A palo verde 8 ins. in diam., brs. N.  $75\frac{1}{4}^{\circ}$  W., 170 lks. dist., marked  $\frac{1}{4}$  S 33 B T.

A mesquite, 4 ins. in diam., brs. S.  $44^{\circ}$  E., 232 lks. dist., marked  $\frac{1}{4}$  S 4 B T.

58.20 Wood road, brs. N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.

62.80 Dry ravine, 15 lks. wide, 3 ft. deep, course S.  $30^{\circ}$  W.

79.80 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T 1 S in N.,

T 2 S, 1914 in S., and

R 9 E in W. half;

S 33 in NW.,

S 34 in NE.,

S 3 in SE., and

S 4 in SW. quadrant; from which,

A palo verde, 4 ins. in diam., brs. N.  $33\frac{1}{4}^{\circ}$  E., 177 lks. dist., marked T 1 S R 9 E S 34 B T.

A palo verde, 4 ins. in diam., brs. S.  $21\frac{1}{2}^{\circ}$  E., 238 lks. dist., marked T 2 S R 9 E S 3 B T.

A palo verde, 5 ins. in diam., brs. S.  $60\frac{1}{2}^{\circ}$  W., 140 lks. dist., marked T 2 S R 9 E S 4 B T.

A palo verde, 6 ins. in diam., brs. N.  $79^{\circ}$  W., 260 lks. dist., marked T 1 S R 9 E S 33 B T.

Land, rolling valley, drains to the SW.

Soil, medium rich 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.

4. Resurvey of the South bdy. of Township 1 South, Range 9 E.  
Chains.

- N.  $89^{\circ} 46' E.$  on a true line, bet. secs. 3 and 34.  
Over rolling, sandy and gravelly valley land, through scattering mesquite and palo verde timber and greasewood brush undergrowth, 4 ft. high.
- 39.90 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 34 in N., and  
 S 3, 1914 in S. half; from which,  
 A palo verde, 5 ins. in diam., brs. N.  $27\frac{1}{2}^{\circ} E.$ , 61 lks. dist., marked  $\frac{1}{4}$  S 34 B T.  
 A mesquite, 4 ins. in diam., brs. S.  $37^{\circ} E.$ , 172 lks. dist., marked  $\frac{1}{4}$  S 3 B T.
- 46.50 Dry ravine, 20 lks. wide, 4 ft. deep, course SW.  
 \* 79.80 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 2, 3, 34 and 35, marked on brass cap,  
 T 1 S in N.,  
 T 2 S, 1914 in S., and  
 R 9 E in W. half;  
 S 34 in NW.  
 S 35 in NE;  
 S 2 in SE. and  
 S 3 in SW. quadrant; from which,  
 A mesquite, 6 ins. in diam., brs. N.  $31\frac{1}{8}^{\circ} E.$ , 56 lks. dist., marked T 1 S R 9 E S 35 B T.  
 A mesquite, 5 ins. in diam., brs. S.  $52\frac{1}{2}^{\circ} E.$ , 56 lks. dist., marked T 2 S R 9 E S 2 B T.  
 A palo verde, 16 ins. in diam., brs. S.  $51\frac{1}{4}^{\circ} W.$ , 228 lks. dist., marked T 2 S R 9 E S 3 B T.  
 A palo verde, 8 ins. in diam., brs. N.  $44^{\circ} W.$ , 184 lks. dist., marked T 1 S R 9 E S 34 B T.
- Land, rolling valley, drains to the SW.  
 Soil, poor, stony, dry clay loam, 4 to 8 ins. deep on dry, stony clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite and palo verde.
- Note: At this cor., I set off  $19^{\circ} 04' N.$  on the decl. arc; and at apparent noon, observe the sun on the meridian, the resulting latitude being  $33^{\circ} 18' N.$   
 July 28, 1914.
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- July 27, 1914: At 6h. 36m. a.m., l.m.t., I set off  $33^{\circ} 17\frac{1}{2}' N.$  on the lat. arc;  $19^{\circ} 22\frac{1}{2}' N.$  on the decl. arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35.  
 Thence I run,  
 N.  $89^{\circ} 46' E.$ , on a true line, bet. secs. 2 and 35.  
 Over rolling, stony land, through scattering mesquite and palo verde timber, and greasewood and cactus undergrowth, 4 to 6 ft. high.
- 13.10 Dry ravine, 20 lks. wide, 2 ft. deep, course south.  
 39.90 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 35 in N., and  
 S 2, 1914 in S. half; from which,  
 A mesquite, 6 ins. in diam., brs. N.  $13\frac{3}{4}^{\circ} E.$ , 197 lks. dist., marked  $\frac{1}{4}$  S 35 B T.  
 A mesquite, 5 ins. in diam., brs. S.  $10^{\circ} W.$ , 190 lks. dist., marked  $\frac{1}{4}$  S 2 B T.
- 52.60 Dry ravine, 270 lks. wide, 6 ft. deep, course S.  $15^{\circ} W.$   
 79.80 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 1, 2, 35 and 36, marked on brass cap,  
 T 1 S in N.,  
 T 2 S, 1914 in S., and  
 R 9 E in W. half;

Resurvey of South bdy. of Township 1 South, Range 9 East. 5.

Chains.

S 35 in NW.,  
S 36 in NE.,  
S 1 in SE., and  
S 2 in SW. quadrant; from which,

A palo verde, 6 ins. in diam., brs. N. 43 1/2° E.,  
152 lks. dist., marked T 1 S R 9 E S 36 B T.

A palo verde, 8 ins. in diam., brs. S. 67° E., 224  
lks. dist., marked T 2 S R 9 E S 1 B T.

A palo verde, 6 ins. in diam., brs. S. 20 1/2° W.,  
264 lks. dist., marked T 2 S R 9 E S 2 B T.

A palo verde, 6 ins. in diam., brs. N. 77° W., 230  
lks. dist., marked T 1 S R 9 E S 35 B T.

Land, rolling, drains to the SW.  
Soil, poor, dry stony clay loam, 6 to 12 ins. deep on  
dry, stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite, ironwood and palo verde.

N. 89° 46' E., on a true line, bet. secs. 1 and 36.  
Over rolling, stony valley land, through scattering palo  
verde, mesquite, and ironwood timber and greasewood  
brush undergrowth, 4 ft. high.

14.90 Dry ravine, 15 lks. wide, 2 ft. deep, course S. 10° W.  
39.90 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for reestablished 1/4 sec. cor., marked on  
brass cap,

1/4 S 36 in N., and  
S 1, 1914 in S. half; from which,

A palo verde, 6 ins. in diam., brs. N. 73° E.,  
115 lks. dist., marked 1/4 S 36 B T.

A palo verde, 5 ins. in diam., brs. S. 61 1/2° E.,  
250 lks. dist., marked 1/4 S 1 B T.

44.20 Dry rocky ravine, 15 lks. wide, 2 ft. deep, course S. 10° W.;  
ascend gradually over SW. slope.

79.80 Intersect the reestablished cor. of Ts. 1 and 2 S., Rs. 9  
and 10 E., hereinbefore described.

Land, rolling and hilly.  
Soil, gravelly and stony clay loam, 4 to 12 ins. deep on  
dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering palo verde, mesquite and ironwood.

July 27, 1914.

## 6. Subdivision of Township 1 South, Range 9 East.

## Chains.

Survey commenced July 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 know from recent tests of the solar apparatus by comparing its indications, resulting from solar observations, made during a.m. and p.m. hours, with a meridian established by observations on Polaris that the instrument is in satisfactory adjustment.

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

At the cor. of secs. 1, 2, 35 and 36 on the south bdy. of the Tp., which I reestablished this day as hereinbefore described; latitude,  $33^{\circ} 17' 20''$  N.; longitude,  $111^{\circ} 23' 1''$  W.

At 8h. 06m. a.m., l.m.t., I set off  $33^{\circ} 17'$  N. on the lat. arc;  $19^{\circ} 20'$  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 rolling, stony land, through mesquite, catclaw and palo verde timber and greasewood and cactus undergrowth.

38.10 Dry ravine, 25 lks. wide, 15 ft. deep, course S.  $40^{\circ}$  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; from which,

A palo verde, 6 ins. in diam., brs. S.  $56\frac{1}{2}^{\circ}$  E., 44 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

A palo verde, 8 ins. in diam., brs. S.  $18\frac{1}{4}^{\circ}$  W., 49 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

49.40 Old wood road, brs. N.  $40^{\circ}$  E. and S.  $40^{\circ}$  W.

59.30 Road from Mesa to Superior, Arizona, 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. 25, 26, 35 and 36, marked on brass cap,

T 1 S, R 9 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; from which,

A mesquite, 6 ins. in diam., brs. N.  $39\frac{1}{2}^{\circ}$  E. 92 lks. dist., marked T 1 S R 9 E S 25 B T.

A palo verde, 6 ins. in diam., brs. S.  $71\frac{1}{2}^{\circ}$  E., 106 lks. dist., marked T 1 S R 9 E S 36 B T.

A palo verde, 8 ins. in diam., brs. S.  $49\frac{1}{2}^{\circ}$  W., 127 lks. dist., marked T 1 S R 9 E S 35 B T.

A palo verde, 4 ins. in diam., brs. N.  $18\frac{1}{4}^{\circ}$  W., 110 lks. dist., marked T 1 S R 9 E S 26 B T.

Land, rolling mesa.

Soil, sandy and gravelly loam, 8 to 14 ins. deep on stony clay subsoil.

Timber, mesquite, catclaw and palo verde.

N.  $89^{\circ} 46'$  E., on a random line, bet. secs. 25 and 36.

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

79.80 Intersect E. bdy. of Tp., 8 lks. south of the cor. of secs. 25, 30, 31 and 36, established by me, as described in Book "A."



Subdivision of Township 1 South, Range 9 East. 7.

Chains.

Thence I run,  
 S.89°43'W., on a true line, bet. secs.25 and 36.  
 Descend gradually west slope, over rolling gravelly and  
 stony land, through mesquite and palo verde timber  
 and greasewood brush undergrowth, 3 to 6 ft.high.  
 19.30 Dry ravine, 20 lks.wide. course south; ascend gradually.  
 39.90 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 $\frac{1}{2}$  1914 in S.half; from which,  
 An ironwood, 12 ins. in diam., brs.N.46 $\frac{1}{2}$ °E.,  
 212 lks.dist., marked  $\frac{1}{4}$  S 25 B T.  
 A palo verde, 10 ins. in diam., brs.S.29°E.,  
 128 lks.dist., marked  $\frac{1}{4}$  S 36 B T.  
 49.30 Old wood road brs.NE and SW.  
 61.80 Dry ravine, 25 lks.wide, course S.20°W.; ascend.  
 79.80 The cor.of secs.25,26, 35 and 36.  
 Land, rolling and hilly, slopes to the SW.  
 Soil, stony and gravelly loam, dry, 8 to 14 ins.deep on  
 clay subsoil.  
 Light growth bunch grass.  
 Timber, mesquite, palo verde and ironwood.

N.0° 01'W., bet. secs. 25 and 26.  
 Over rolling, stony and gravelly land, through mesquite,  
 palo verde and ironwood timber and greasewood and  
 cactus undergrowth.  
 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; from which,  
 A mesquite, 6 ins. in diam., brs.N.30°E., 108  
 lks.dist., marked  $\frac{1}{4}$  S 25 BT.  
 An ironwood, 10 ins. in diam., brs.N.57 $\frac{1}{2}$ °W.,  
 106 lks.dist., marked  $\frac{1}{4}$  S 26 BT.  
 44.25 Dry ravine, 20 lks.wide, 30 ft.deep, course S.20° 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 9 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 palo verde, 8 ins. in diam., brs.N.87 $\frac{1}{2}$ °E., 61  
 lks.dist., marked T 1 S R 9 E S 24 BT.  
 A palo verde, 6 ins. in diam., brs.S.32 $\frac{3}{4}$ °E.,  
 40 lks.dist., marked T 1 S R 9 E S 25 BT.  
 A palo verde, 7 ins. in diam., brs.S.45 $\frac{3}{4}$ °W.,  
 141 lks.dist., marked T 1 S R 9 E S 26 BT.  
 A palo verde, 10 ins. in diam., brs.N.60 $\frac{1}{4}$ °W.,  
 58 lks.dist., marked T 1 S R 9 E S 23 B T.  
 Land, rolling and hilly, slopes to the SW.  
 Soil, sandy and gravelly clay loam, with some stone 8  
 ins. deep on stony clay subsoil.  
 Light growth bunch grass.  
 Timber, mesquite, ironwood and palo verde.  
 Note: At this cor., I set off 19°18'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;

N.89° 43' E., on a random line, bet. secs.24 and 25.  
 40.00 Set temp. $\frac{1}{4}$  sec.cor.  
 79.78 Intersect E.bdy. of Tp., 7 lks.north of the cor.of secs.

8 Subdivision of Township 1 South, Range 9 East.  
Chains.

- 19, 24, 25 and 30, established by me, as described in Book "A."
- Thence I run,  
S. 89° 46' W., on a true line, bet. secs. 24 and 25.  
Over level sandy land, through mesquite and palo verde timber and greasewood brush undergrowth, 4 to 6 ft. high.
- 8.00 Foot of malpais butte; leave level land, brs. NE. and SW.; ascend abrupt SE. slope of butte, over mountainous land; ascend 100 ft. to
- 14.75 Top of butte, brs. NW. and SE. Descend abruptly over SW. slope.
- 24.80 Foot of butte; leave mountainous land, brs. N and S.; enter hilly land.
- 34.68 Dry ravine, 10 lks. wide, course S. 10° W.; ascend.
- 39.89 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 palo verde, 6 ins. in diam., brs. N. 23 $\frac{1}{2}$ ° E.,  
154 lks. dist., marked  $\frac{1}{4}$  S 24 BT.  
A palo verde, 5 ins. in diam., brs. S. 64 $\frac{1}{2}$ ° E.,  
180 lks. dist., marked  $\frac{1}{4}$  S 25 BT.
- 79.78 The cor. of secs. 23, 24, 25 and 26.  
Land, level, hilly and mountainous.  
The soil of the level land, is of a medium rich dry sandy loam, about 10 ins. deep on gravel subsoil.  
The soil of the hilly land, poor, dry, stony clay loam, on dry clay subsoil, while the soil of the mountainous portion of the mile is worthless.  
Light growth bunch grass.  
Timber, scattering ironwood, palo verde and mesquite.
- 
- N. 0° 01' W., bet. secs. 23 and 24.  
Over hilly, stony land, through ironwood, palo verde, and mesquite timber and greasewood brush undergrowth 4 to 7 ft. high.
- 11.70 Dry ravine, 10 lks. wide, 4 ft. deep, course S. 20° W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 23 in W.,  
S 24 in E., and  
1944 in S. half; from which,  
A palo verde, 8 ins. in diam., brs. N. 28 $\frac{1}{4}$ ° W.,  
11 lks. dist., marked  $\frac{1}{4}$  S 23 B T.  
A palo verde, 6 ins. in diam., brs. S. 79 $\frac{1}{2}$ ° E.,  
139 lks. dist., marked  $\frac{1}{4}$  S 24 B T.
- 41.80 Dry ravine, 10 lks. wide, 20 ft. deep, course S. 70° W.
- 57.00 Dry ravine, 15 lks. wide, 4 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. 13, 14, 23 and 24, marked on brass cap,  
T 1 S, R 9 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,  
A palo verde, 8 ins. in diam., brs. N. 42 $\frac{1}{2}$ ° E.,  
73 lks. dist., marked T 1 S R 9 E S 13 BT.  
A palo verde, 8 ins. in diam., brs. S. 74 $\frac{1}{2}$ ° E.,  
38 lks. dist., marked T 1 S R 9 E S 24 BT.  
A palo verde, 6 ins. in diam., brs. S. 15 $\frac{3}{4}$ ° W.,  
16 lks. dist., marked T 1 S R 9 E S 23 BT.  
A mesquite 6 ins. in diam., brs. N. 14 $\frac{1}{2}$ ° W., 11 lks. dist. marked T 1 S R 9 E S 14 B T.
- Land, hilly, drains to the SW.

Subdivision of Township 1 South Range 9 East. 9.

Chains.

Soil, dry, stony clay loam, with some gravel, 8 to 14 ins. deep on dry stony clay subsoil.  
Light growth bunch grass,  
Timber, scattering palo verde, ironwood and mesquite.

40.00 N.89° 46'E., on a random line, bet. secs.13 and 24.  
79.76 Set temp. 1/4 sec.cor.  
Intersect east bdy.of Tp., 5 lks.N.of the cor.of secs. 13,18,19 and 24, established by me, as described in Book "A."

Thence I run,  
S.89°48'W., on a true line, bet. secs.13 and 24.  
Over rolling, stony land, slopes to the SW., through mesquite, palo verde and ironwood timber and greasewood brush undergrowth, 4 to 8 ft.high.

39.88 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 13 in N., and  
S 24, 1914 in S.half; from which,  
A mesquite, 4 ins. in diam., brs.N.66°E., 101 lks.dist., marked 1/4 S 13 B T.  
A mesquite, 8 ins. in diam., brs. S.63 3/4°W., 48 lks.dist., marked 1/4 S 24 B T.

45.26 Dry ravine, 20 lks.wide, 6 ft. deep, course S.40°W.  
52.83 Dry ravine, 15 lks.wide, 3 ft. deep, course S.30° W.  
79.76 The cor.of secs. 13,14, 23 and 24.  
Land, rolling, slopes to the SW.  
Soil, stony and gravelly clay loam about 8 ins. deep on clay subsoil.  
Light growth bunch grass.  
Timber, scattering ironwood, palo verde and mesquite.  
July 27, 1914.

July 29, 1914: At 9h. 36m., a.m., l.m.t., I set off 33° 20'N. on the lat.arc; 18°51 1/2'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°01'W., bet. secs.13 and 14.  
Over stony, hilly land, through mesquite and palo verde timber and greasewood brush undergrowth, 6 ft. high.  
1.00 Center of dry sand wash, 150 lks.wide, 4 ft. deep, course S.20°W.

28.70 Dry ravine, 10 lks.wide, 3 ft. deep, course S.30°W.  
Ascend gradually over SE. slope.

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 14 in W.,  
S 13 in E., and  
1914 in S.half; from which,  
A palo verde, 4 ins. in diam., brs.N.55 1/2°E., 136 lks.dist., marked 1/4 S 13 B T.  
An ironwood, 8 ins. in diam., brs.N.48 1/4°W., 96 lks.dist., marked 1/4 S 14 B T.

67.25 Dry ravine, 6 lks.wide, 4 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.11,12,13 and 14, marked on brass cap,  
T 1 S R 9 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; from which,

## 10. Subdivision of Township 1 South, Range 9 East.

Chains.

- A palo verde, 5 ins. in diam., brs. N.  $25\frac{1}{2}^{\circ}$  E.,  
31 lks. dist., marked T 1 S R 9 E S 12 B T.  
A palo verde, 6 ins. in diam., brs. S.  $34\frac{1}{2}^{\circ}$  E., 84  
lks. dist., marked T 1 S R 9 E S 13 B T.  
A palo verde, 8 ins. in diam., brs. S.  $43\frac{1}{2}^{\circ}$  W., 111  
lks. dist., marked T 1 S R 9 E S 14 B T.  
A palo verde, 6 ins. in diam., brs. N.  $38\frac{1}{2}^{\circ}$  W.,  
84 lks. dist., marked T 1 S R 9 E S 11 B T.

Land, hilly, slopes to the SW.

Soil, poor, dry, sandy and gravelly clay loam, about 6  
to 12 ins. deep on dry stony clay subsoil.

Light growth bunch grass.

Timber, mesquite, ironwood and palo verde.

- N.  $89^{\circ} 48' E.$ , on a random line, bet. secs. 12 and 13.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.84 Intersect east bdy. of Tp., 5 lks. south of the cor. of  
secs. 7, 12, 13 and 18, established by me, as described  
in Book "A."  
Thence I run,  
S.  $89^{\circ} 46' W.$ , on a true line, bet. secs. 12 and 13.  
Over hilly land, through scattering palo verde, ironwood,  
and mesquite timber and greasewood brush undergrowth,  
4 to 6 ft. high.  
3.05 Dry ravine, 15 lks. wide, 3 ft. deep, course S.  $40^{\circ} W.$ . As-  
cend SE. slope.  
24.85 Top of ridge, 40 ft. high, brs. NE. and SW. Descend.  
32.84 Foot of descent in dry ravine, 50 lks. wide, 4 ft. deep,  
course S.  $10^{\circ} E.$   
39.92 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; from which,  
A palo verde, 6 ins. in diam., brs. N.  $41\frac{1}{2}^{\circ} W.$ ,  
69 lks. dist., marked  $\frac{1}{4}$  S 12 B T.  
An ironwood, 5 ins. in diam., brs. S.  $61\frac{1}{2}^{\circ} W.$ , 42  
lks. dist., marked  $\frac{1}{4}$  S 13 B T.  
63.54 Dry ravine, 10 lks. wide, 3 ft. deep, course south. Thence  
over low rolling hills.  
79.84 The cor. of secs. 11, 12, 13 and 14.  
Land, hilly, slopes to the SW.  
Soil, stony clay loam, 4 to 10 ins. deep on stony clay  
subsoil.  
Light growth bunch grass.  
Timber, mesquite, ironwood and palo verde.  
Note: At this cor., I set off  $18^{\circ} 50' N.$  on the decl. arc;  
and at apparent noon, observe the sun on the meri-  
dian, and obtain a reading of  $33^{\circ} 21' N.$  on the lat.  
arc.

July 29, 1914.

July 31, 1914: At 11h. 06m. a.m., 1.m.t., I set off  $33^{\circ}$   
 $21' N.$  on the lat. arc;  $18^{\circ} 22' N.$  on the decl. arc; and  
determine a meridian with the solar at the cor. of  
secs. 11, 12, 13 and 14.

Thence I run,

N.  $0^{\circ} 01' W.$ , bet. secs. 11 and 12.Over low rolling hills, through scattering mesquite and  
palo verde timber and greasewood and cactus under-  
growth, 3 to 6 ft. high.32.00 Dry ravine 5 lks. wide, 3 ft. deep, course N.  $60^{\circ} W.$ 39.50 Dry ravine, 20 lks. wide, 4 ft. deep, course N.  $70^{\circ} W.$ ; as-  
cend gently.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,

Subdivision of Township 1 South Range 9 East 11

Chains.

- $\frac{1}{4}$  S 11 in W.,  
 S 12 in E., and  
 1914 in S. half; from which,  
 An ironwood, 4 ins. in diam., brs. N.  $56\frac{1}{2}^{\circ}$  W., 27  
 lks. dist., marked  $\frac{1}{4}$  S 11 BT.  
 A palo verde, 6 ins. in diam., brs. S.  $57^{\circ}$  E., 53  
 lks. dist., marked  $\frac{1}{4}$  S 12 B T.  
 63.80 Road from Mesa to the Creswell Ranch, brs. NE. and SW.  
 64.90 Dry ravine, 10 lks. wide, course SW.  
 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 9 E in N., and  
 1914 in S. half;  
 S 2 in NW.,  
 S 1 in NE.,  
 S 12 in SE., and  
 S 11 in SW. quadrant; from which,  
 An ironwood, 4 ins. in diam., brs. N.  $87\frac{3}{4}^{\circ}$  E., 43  
 lks. dist., marked T 1 S R 9 E, S 1 BT.  
 An ironwood, 4 ins. in diam., brs. S.  $41^{\circ}$  E., 66  
 lks. dist., marked T 1 S R 9 E S 12 BT.  
 A palo verde, 6 ins. in diam., brs. S.  $59^{\circ}$  W., 122  
 lks. dist., marked T 1 S, R 9 E S 11 BT.  
 An ironwood, 6 ins. in diam., brs. N.  $60\frac{1}{2}^{\circ}$  W., 55  
 lks. dist., marked T 1 S R 9 E S 2 B T.  
 Land, hilly, slopes to the SW.  
 Soil, stony clay loam, about 8 ins. deep on stony clay  
 and decomposed granite subsoil.  
 Light growth bunch grass.  
 Timber, mesquite, ironwood and palo verde.  
 Note: At this cor., I set off  $18^{\circ}21'$  N. on the decl. arc;  
 and at apparent noon, observe the sun on the meridian,  
 and obtain a reading of  $33^{\circ}22'$  N. on the lat. arc.

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N.  $89^{\circ}46'$  E., on a random line, bet. secs. 1 and 12.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.76 Intersect east bdy. of Tp., 10 lks. N. of the cor. of secs.  
 1, 6, 7 and 12, established by me, as described in  
 Book "A."  
 Thence I run,  
 S.  $89^{\circ}50'$  W., on a true line, bet. secs. 1 and 12.  
 Descend NW. slope of hill, over stony land, through  
 mesquite and palo verde timber, and greasewood brush  
 undergrowth, 4 ft. high.  
 1.75 Foot of descent, in creek bottom; enter level sandy land.  
 7.96 Dry bed of sand wash, 60 lks. wide, course S.  $60^{\circ}$  W.  
 101.75 Leave creek bottom, brs. NE. and SW.; ascend SE. slope,  
 over stony hilly land.  
 34.21 Road from Mesa, Arizona, to the Creswell ranch, brs. N.  
 $10^{\circ}$  E. and S.  $10^{\circ}$  W.  
 39.26 Top of stony ridge, brs. NE. and SW. Descend.  
 39.88 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; from which,  
 An ironwood, 4 ins. in diam., brs. N.  $20\frac{1}{2}^{\circ}$  E.,  
 100 lks. dist., marked  $\frac{1}{4}$  S 1 BT.  
 An ironwood, 4 ins. in diam., brs. S.  $16\frac{1}{4}^{\circ}$  E., 71  
 lks. dist., marked  $\frac{1}{4}$  S 12 BT.  
 49.56 Dry ravine, 8 lks. wide, course S.  $20^{\circ}$  W. Ascend.  
 51.96 Top of low hill, brs. NE. and SW. Descend.  
 56.06 Dry ravine, 6 lks. wide, course south. Ascend.  
 73.76 Top of low hill, brs. NE. and SW. Descend.  
 79.76 The cor. of secs. 1, 2, 11 and 12.  
 Land, level and hilly, drains to the SW.  
 Soil, gravelly and stony, 3 to 10 ins. deep on stony  
 clay and gravelly subsoil.

## 12. Subdivision of Township 1 South, Range 9 East.

## Chains.

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

- 
- N.0°01'W., on a true line, bet. secs.1 and 2.  
Ascend gradually over hilly land, slopes to the SW.,  
through scattering mesquite, ironwood and palo verde  
timber, and greasewood and cactus undergrowth.
- 17.00 Foot of mountain ridge; leave hilly land; ascend S.  
slope, over stony mountainous land.
- 22.00 Top of rocky spur, 200 ft. above sec.cor., brs.E.and W.;  
descend abruptly over N.slope.
- 31.00 Dry ravine at foot of spur, 20 lks.wide, course S.70°E.;  
ascend abruptly 200 ft.to
- 39.60 Top of spur, brs.E.and W.; descend.
- 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 2 in W.,  
S 1 in E., and  
1914 in S.half; from which,  
A palo verde, 4 ins. in diam., brs.N.28 $\frac{3}{4}$ °E.,  
45 lks.dist., marked  $\frac{1}{4}$  S 1 BT.  
A palo verde, 6 ins. in diam., brs.S.49 $\frac{1}{2}$ °W.,  
47 lks.dist., marked  $\frac{1}{4}$  S 2 B T.
- 46.50 Dry ravine, 6 lks.wide. course N.60°W.; ascend.
- 49.50 Top of spur, 100 ft. above ravine, brs.NW.and SE.; de-  
scend.
- 63.55 Old road to Mesa, Arizona, brs.N.60°E. and S.60°W.
- 66.15 Dry sand wash, 60 lks.wide in canyon, course S.20°W. As-  
cend.
- 72.48 Intersect the Gila and Salt River Base Line 62 lks.west  
of the standard cor. of secs. 35 and 36, T.1 N., R.9  
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.1 and 2, T. 1 S., R.9 E., marked on  
brass cap,  
C C S of center,  
T 1 N, R.9 E, S 35, S 36 in N., and  
T 1 S, R 9 E, 1914, in S.half;  
S 1 in SE., and  
S 2 in SW.quadrant;  
no trees suitable for bearing trees within limits;  
raise a mound of stone 2 ft.base, 1 $\frac{1}{2}$  ft. high, S.of  
corner. Pits impracticable.  
South, 17 chs. rolling mesa land.  
Soil, poor, stony loam on dry stony clay subsoil.  
North, 55 chs. mountainous, spur with steep rocky slopes  
with poor, dry stony clay loam, 2 to 10 ins. deep on  
dry stony clay subsoil.  
Light growth bunch grass.  
Timber, mesquite, ironwood and palo verde.  
July 31, 1914.
- 

July 28, 1914: At 8h. 06m., a.m., 1.m.t., I set off 33°  
17 $\frac{1}{2}$ 'N. on the lat.arc; 19°06 $\frac{1}{2}$ '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., reestab-  
lished by me, as hereinbefore described.

Thence I run

N.0°01'W., bet. secs.34 and 35.

Over rolling, sandy mesa land, through scattering iron-  
wood, palo verde and mesquite timber and greasewood  
and cactus undergrowth, 4 to 6 ft. high.

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

Subdivision of Township 1 South, Range 9 East 13

Chains.

the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 34 in W.,  
 $\frac{1}{4}$  S 35 in E., and  
1914 in S.half; from which,  
A palo verde, 6 ins. in diam., brs.S.13 $\frac{1}{2}$ °E.,  
141 lks.dist., marked  $\frac{1}{4}$  S 35 B T.  
A palo verde, 6 ins. in diam., brs.S.15 $\frac{1}{2}$ °W.,  
87 lks.dist., marked  $\frac{1}{4}$  S 34 B T.  
42.30 Dry ravine, 15 lks.wide, 2 ft.deep, course S.20°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 9 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; from which,  
A palo verde, 5 ins. in diam., brs.N.8 $\frac{1}{2}$ °E.,  
159 lks.dist., marked T 1 S R 9 E S 26 B T.  
A palo verde, 5 ins. in diam., brs.S.50 $\frac{1}{2}$ °E.,61  
lks.dist., marked T 1 S R 9 E S 35 B T.  
A palo verde, 6 ins. in diam., brs.S.3 $\frac{1}{2}$ °W.,  
102 lks.dist., marked T 1 S R 9 E S 34 B T.  
A mesquite, 4 ins. in diam., brs.N.56°W.,126  
lks.dist., marked T 1 S R 9 E S 27 B T.  
Land, rolling valley, slopes to the southwest.  
Soil, dry, sandy clay loam,10 to 24 ins. deep on stony  
clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite, palo verde and ironwood.

N.89°46'E., on a random line, bet. secs.26 and 35.  
40.00 Set temp. $\frac{1}{4}$  sec.cor.  
79.84 Intersect N.and S $\frac{1}{2}$  line, 2 lks.south of the cor.of secs.  
25,26, 35 and 36.  
Thence I run,  
S.89°45'W., on a true line, bet. secs.26 and 35.  
Over rolling, sandy valley land, slopes to the southwest,  
through scattering palo verde, ironwood and mesquite  
timber and greasewood and cactus undergrowth, 4 to  
6 ft.high.  
39.92 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.67 $\frac{1}{2}$ °E.,38  
lks.dist., marked  $\frac{1}{4}$  S 26 B T.  
A palo verde, 6 ins. in diam., brs.S.58 $\frac{1}{2}$ °E.,  
171 lks.dist., marked  $\frac{1}{4}$  S 35 B T.  
44.44 Dry ravine, 20 lks.wide, 3 ft.deep, course S.20°W.  
67.76 Road from Mesa to Superior, Arizona, brs.N.70°W. and S.  
70°E.  
79.84 The cor.of secs.26,27, 34 and 35.  
Land, rolling valley slopes to the southwest.  
Soil,light dry, sandy and gravelly loam, 8 to 24 ins.  
deep on dry stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering palo verde, ironwood and mesquite.  
Note: At this cor., I set off 19° 04'N. on the decl.  
arc; and at apparent noon, observe the sun on the  
meridian, and obtain a reading of 33°18' N.on the  
lat.arc.



14. Subdivision of Township 1 South Range 9 East.

Chains.

- N.  $0^{\circ}01'$  W., bet. secs. 26 and 27.  
Over rolling, sandy valley land, through scattering ironwood, mesquite and palo verde timber and greasewood brush undergrowth, 4 ft. high.
- 1.50 Dry ravine, 6 lks. wide, 10 ft. deep, course S.  $70^{\circ}$  W.  
3.18 Road from Mesa, to Superior, Arizona, brs. N.  $70^{\circ}$  W. and S.  $70^{\circ}$  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 27 in W.,  
 $\frac{1}{4}$  S 26 in E., and  
1914 in S. half; from which,  
A mesquite, 6 ins. in diam., brs. N.  $38\frac{1}{2}^{\circ}$  E., 155 lks. dist., marked  $\frac{1}{4}$  S 26 BT.  
A palo verde, 5 ins. in diam., brs. S.  $82\frac{1}{2}^{\circ}$  W., 38 lks. dist., marked  $\frac{1}{4}$  S 27 BT.
- 43.40 Dry ravine, 20 lks. wide, 3 ft. deep, course N.  $60^{\circ}$  W.  
72.60 Dry ravine, 15 lks. wide, 4 ft. deep, course S.  $50^{\circ}$  W.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap,  
T 1 S R 9 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; from which,  
A palo verde, 6 ins. in diam., brs. N.  $6\frac{1}{4}^{\circ}$  E., 20 lks. dist., marked T 1 S R 9 E S 23 BT.  
A palo verde, 4 ins. in diam., brs. S.  $37^{\circ}$  E., 92 lks. dist., marked T 1 S R 9 E S 26 BT.  
A palo verde, 4 ins. in diam., brs. S.  $11\frac{1}{2}^{\circ}$  W., 258 lks. dist., marked T 1 S R 9 E S 27 BT.  
A palo verde, 5 ins. in diam., brs. N.  $82\frac{1}{4}^{\circ}$  W., 94 lks. dist., marked T 1 S R 9 E S 22 BT.
- Land, rolling and hilly, slopes to the southwest.  
Soil, dry, sandy and stony clay loam, 6 ins. deep on dry, clay subsoil.  
Light growth bunch grass.  
Timber, scattering ironwood, palo verde, and mesquite.
- 
- N.  $89^{\circ}45'$  E., on a random line, bet. secs. 23 and 26.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.80 Intersect cor. of secs. 23, 24, 25 and 26.  
Thence I run,  
S.  $89^{\circ}45'$  W., on a true line, bet. secs. 23 and 26.  
Over rolling, sandy and gravelly valley land, slopes to the southwest, through scattering palo verde, mesquite and ironwood timber and greasewood brush undergrowth, 4 ft. high.
- 12.45 Dry ravine, 10 lks. wide, 2 ft. deep, course SW.  
39.90 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; from which,  
A palo verde, 6 ins. in diam., brs. N.  $19\frac{1}{2}^{\circ}$  W., 123 lks. dist., marked  $\frac{1}{4}$  S 23 BT.  
A palo verde, 5 ins. in diam., brs. S.  $28\frac{1}{4}^{\circ}$  E., 80 lks. dist., marked  $\frac{1}{4}$  S 26 BT.
- 65.20 Dry ravine, 10 lks. wide, 3 ft. deep, course S.  $40^{\circ}$  W.  
79.80 The cor. of secs. 22, 23, 26 and 27.  
Land, rolling valley, slopes to the SW.  
Soil, stony clay loam, about 8 ins. deep on dry stony, clay subsoil.  
Light growth bunch grass.  
Timber, mesquite, ironwood and palo verde.

July 28, 1914.



Chains.

July 29, 1914: .At 7h.06m. a.m.,l.mt., I set off 33° 19'N. on the lat.arc; 18°54'N. on the decl.arc; and determine a meridian with the solar at the cor.of secs. 22,23,26 and 27.

Thence I run, N.0°01'W., bet. secs. 22 and 23.

Over rolling, stony valley land, through scattering mesquite,palo verde and ironwood timber and greasewood and cactus undergrowth, 4 ft.high.

11.30 Dry sand wash,60 lks.wide, 10 ft.deep, course S.70°W.

36.40 Dry ravine, 20 lks.wide, 3 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 1/4 sec.cor., marked on brass cap,

1/4 S 22 in W., S 23 in E., and

1914 in S.half; from which,

A mesquite, 10 ins. in diam., brs.N.64 1/4°E.,80 lks.dist., marked 1/4 S 23 B T.

A mesquite, 4 ins. in diam., brs.S.61°W.,30 lks.dist., marked 1/4 S 22 B T.

78.00 Dry ravine, 10 lks.wide, 4 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 cor.of secs.14,15,22 and 23, marked on brass cap,

T 1 S R 9 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; from which,

A palo verde, 6 ins. in diam., brs.N.47 1/4°E., 176 lks.dist., marked T 1 S R 9 E S 14 B T.

A palo verde, 6 ins. in diam., brs.S.27 3/4°E., 21 lks.dist., marked T 1 S R 9 E S 23 B T.

A palo verde, 8 ins. in diam., brs.S.21 1/2°W., 118 lks.dist., marked T 1 S R 9 E S 22 B T.

A palo verde, 6 ins. in diam., brs.N.59 1/4°W., 130 lks.dist., marked T 1 S R 9 E S 15 B T.

Land, rolling, slopes to the SW.

Soil,poor, dry stony and gravelly clay loam,10 ins. deep,on dry clay subsoil.

Light growth bunch grass.

Timber, scattering mesquite, ironwood and palo verde.

N.89°45' E., on a random line, bet. secs.14 and 23.

40.00 Set temp.1/4 sec.cor.

79.78 Intersect N.and S. line, 3 lks.south of the cor.of secs. 13,14, 23 and 24.

Thence I run,

S.89°44'W., on a true line, bet. secs.14 and 23.

Over rolling and hilly valley land, through scattering mesquite,ironwood and palo verde timber and greasewood and cactus undergrowth, 3 to 6 ft.high.

.78 Dry sand wash,50 lks.wide, 3 ft.deep, course S.20°W.

32.48 Dry ravine,10 lks.wide, 2 1/2 ft.deep, course S.50°W.

39.89 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 14 in N., and S 23, 1914 in S.half; from which,

An ironwood, 6 ins. in diam., brs.N.43°E., 20 lks.dist., marked 1/4 S 14 B T.

A mesquite, 6 ins. in diam.,brs.S.6°W.,70 lks. dist., marked 1/4 S 23 B T.

47.98 Dry ravine, 15 lks.wide, 3 ft. deep, course S.40°W.

69.78 Dry ravine, 6 lks.wide, 3 ft. deep, course S.30°W.; ascend gradually over SE. slope.

79.78 The cor.of secs.14,15,22 and 23.

16. Subdivision of Township 1 South Range 9 East.  
Chains.

Land, rolling and hilly, slopes to the SW.  
Soil, sandy and stony loam, 8 to 16 ins. deep on clay  
and gravel subsoil,  
Light growth bunch grass.  
Timber, mesquite, ironwood and palo verde.  
July 29, 1914.

July 31, 1914: At 7h. 36m., a.m., l.m.t., I set off  $33^{\circ}$   
 $20'N.$  on the lat.arc;  $18^{\circ}25'N.$  on the decl.arc; and  
determine a meridian with the solar at the cor.of  
secs.14,15, 22 and 23.

Thence I run,  
 $N.0^{\circ}01'W.$ , bet. secs.14 and 15.

Over rolling and hilly valley land, through scattering  
mesquite and palo verde timber and greasewood brush  
undergrowth, 4 ft. high.

4.60 Dry ravine, 8 lks.wide, course  $S.40^{\circ}W.$

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 15 in W.,  
S 14 in E., and

1914 in S.half; from which,

A palo verde, 4 ins. in diam., brs. $N.36^{\circ}E.$ ,  
117 lks.dist., marked  $\frac{1}{4}$  S 14 BT.

A palo verde, 6 ins. in diam., brs. $S.32^{\circ}W.$  70  
lks.dist., marked  $\frac{1}{4}$  S 15 B T.

72.20 Dry ravine, 6 lks.wide, 4 ft. deep, course  $S.50^{\circ}W.$

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 9 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; from which,

A palo verde, 6 ins. in diam., brs. $N.11\frac{3}{4}^{\circ}E.$   
248 lks.dist., marked T 1 S R 9 E S 11 BT.

A palo verde, 5 ins. in diam., brs. $S.56^{\circ}E.$ , 294  
lks.dist., marked T 1 S R 9 E S 14 B T.

A palo verde, 6 ins. in diam., brs. $S.9\frac{3}{4}^{\circ}W.$ ,  
266 lks.dist., marked T 1 S R 9 E S 15 B T.

A palo verde, 7 ins. in diam., brs. $N.40\frac{1}{4}^{\circ}W.$ ,  
269 lks.dist., marked T 1 S R 9 E S 10 BT.

Land, rolling, and hilly valley land, drains to the SW.  
Soil, stony, dry clay loam, 2 to 8 ins. deep on stony  
dry, clay subsoil.

Very little grass.

Timber, scattering mesquite, ironwood and palo verde.

$N.89^{\circ}44'E.$ , on a random line, bet. secs.11 and 14.

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

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

Thence I run,

$S.89^{\circ}43'W.$ , on a true line, bet. secs.11 and 14.

Over low rolling, stony hills, through scattering mes-  
quite, ironwood and palo verde timber and greasewood  
and cactus undergrowth, 4 to 6 ft.high.

21.66 Dry ravine, 10 lks.wide, course south; ascend gradually.

30.00 Top of low hill, brs.N.and S.; descend over west slope.

39.88 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; from which,

Chains.

A palo verde, 4 ins. in diam., brs. N.  $10\frac{1}{2}^{\circ}$  E., 74 lks. dist., marked  $\frac{1}{4}$  S 11 BT.  
 A palo verde, 6 ins. in diam., brs. S.  $11\frac{1}{4}^{\circ}$  W., 225 lks. dist., marked  $\frac{1}{4}$  S 14 BT.  
 42.06 Dry ravine, 10 lks. wide, course S.  $20^{\circ}$  W.; ascend gradually.  
 68.00 Top of low hill, brs. NE. and SW.; descend.  
 68.46 Old wood road, brs. N.  $50^{\circ}$  W. and S.  $50^{\circ}$  E.  
 72.06 Dry ravine, 8 lks. wide, course S.  $30^{\circ}$  W. Ascend gradually.  
 79.76 The cor. of secs. 10, 11, 14 and 15.  
 Land, low rolling hills, drains to the SW.  
 Soil, poor, dry, stony clay loam, 4 to 6 ins. deep on dry clay and stone subsoil.  
 Poor growth bunch grass,  
 Timber, scattering palo verde, mesquite and ironwood.  
 July 31, 1914.

August 3, 1914: At 7h. 06m., a.m., l.m.t., I set off  $33^{\circ}$  21' N. on the lat. arc;  $17^{\circ}40'$  N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 10, 11, 14 and 15.  
 Thence I run,  
 N.  $0^{\circ}01'$  W., bet. secs. 10 and 11.  
 Over low rolling hills, through scattering palo verde and mesquite timber and greasewood and cactus undergrowth 3 to 5 ft. high.  
 1.00 Top of low ridge, brs. NE. and SW.; descend.  
 7.80 Dry ravine, 25 lks. wide, course S.  $60^{\circ}$  W.; thence over rolling land.  
 12.20 Wood road, brs. N.  $40^{\circ}$  W. and S.  $40^{\circ}$  E.  
 39.70 Dry ravine, 15 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 10 in W.,  
 S 11 in E., and  
 1914 in S. half; from which,  
 A mesquite, 6 ins. in diam., brs. S.  $48^{\circ}$  E., 91 lks. dist., marked  $\frac{1}{4}$  S 11 BT.  
 A mesquite, 6 ins. in diam., brs. S.  $48^{\circ}$  W., 107 lks. dist., marked  $\frac{1}{4}$  S 10 B T.  
 49.60 Road from Mesa to the Creswell Ranch, brs. N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.  
 53.00 Dry sand wash, 15 lks. wide, course west; ascend.  
 76.00 Dry ravine, 10 lks. wide, course S.  $50^{\circ}$  E.; ascend.  
 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 9 E in N., and  
 1914 in S. half; from which,  
 S 3 in NW.,  
 S 2 in NE.,  
 S 11 in SE., and  
 S 10 in SW. quadrant; from which,  
 An ironwood, 5 ins. in diam., brs. N.  $65\frac{1}{4}^{\circ}$  E., 36 lks. dist., marked T 1 S R 9 E S 2 B T.  
 An ironwood, 4 ins. in diam., brs. S.  $52^{\circ}$  E., 62 lks. dist., marked T 1 S R 9 E S 11 BT.  
 An ironwood, 6 ins. in diam., brs. S.  $58\frac{1}{4}^{\circ}$  W., 86 lks. dist., marked T 1 S R 9 E S 10 B T.  
 An ironwood, 4 ins. in diam., brs. N.  $79\frac{3}{4}^{\circ}$  W., 63 lks. dist., marked T 1 S R 9 E S 3 BT.  
 Land, rolling and hilly, drains to the SW.  
 Soil, poor, dry stony and clay loam, 4 to 12 ins. deep on clay and stone subsoil.  
 Light growth bunch grass.  
 Timber, ironwood, mesquite and palo verde.

## 18. Subdivision of Township 1 South, Range 9 East.

## Chains.

- N.89°43' E., on a random line, bet. secs. 2 and 11.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.80 Intersect the cor. of secs. 1, 2, 11 and 12,  
 Thence I run,  
 S.89°43' W., on a true line, bet. secs. 2 and 11.  
 Descend SW. slope, over stony hilly land, through scattering mesquite, ironwood, and palo verde timber, and dense greasewood brush undergrowth 4 ft. high.  
 4.60 Dry ravine, 10 lks. wide, course S.60° W. Ascend.  
 12.00 Point of ridge, brs. NE. and SW. Descend.  
 19.20 Dry ravine, 15 lks. wide, course S.10° E. Ascend.  
 38.00 Top of ridge, brs. NE. and SW. Descend.  
 39.90 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 N., and  
 S 11, 1914 in S. half; from which,  
 An ironwood, 4 ins. in diam., brs. N.35 $\frac{1}{2}$ ° W., 15 lks. dist., marked  $\frac{1}{4}$  S 2 B T.  
 An ironwood, 4 ins. in diam., brs. S.75° W., 66 lks. dist., marked  $\frac{1}{4}$  S 11 B T.  
 48.20 Dry ravine, 25 lks. wide, course S.50° W. Ascend.  
 58.50 Top of low ridge, brs. N. and S. Descend.  
 63.00 Dry ravine, 15 lks. wide, course S.10° W. Ascend.  
 79.80 The cor. of secs. 2, 3, 10 and 11.  
 Land, hilly, drains to the SE. and SW.  
 Soil, worthless stony loam, 2 to 8 ins. deep on stony clay subsoil.  
 Light growth bunch grass.  
 Timber, palo verde, mesquite and ironwood.
- 
- N.0°01' W., on a true line, bet. secs. 2 and 3.  
 Ascend abrupt rocky SE. slope of spur, over mountainous land, through scattering mesquite and palo verde timber and greasewood brush undergrowth.  
 Ascend 100 ft. to  
 6.00 Top of spur, brs. NE. and SW.; descend.  
 25.80 Dry ravine, 15 lks. wide, course S.50° W.; ascend 150 ft. to  
 36.00 Top of rocky spur, brs. E. and W. Descend abruptly 200 ft.  
 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 3 in W.,  
 S 2 in E., and  
 1914 in S. half; from which,  
 A palo verde, 4 ins. in diam., brs. S.25 $\frac{1}{2}$ ° E., 142 lks. dist., marked  $\frac{1}{4}$  S 2 B T.  
 A palo verde, 6 ins. in diam., brs. N.35 $\frac{1}{2}$ ° W., 145 lks. dist., marked  $\frac{1}{4}$  S 3 B T.
- Note. At this cor. I set off 17°36' N. on decl. arc; & at apparent noon observe the sun on the meridian, and obtain a reading of 33°22' N. on the lat. arc.
- 44.10 Dry sand wash, 75 lks. wide at foot of descent in canyon, course S.70° W. Ascend.  
 46.50 Old road from Mesa, Arizona, to abandoned mines in the Superstition Mountains, brs. E. and W.  
 72.88 Intersect the Gila and Salt River Base Line, 35 lks. west of the standard cor. of secs. 34 and 35, T.1 N., R.9 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.9 E., marked on brass cap,  
 C C S of center,  
 T 1 N, R 9 E, S 34, S 35 in N. half; and  
 T 1 S, R 9 E, 1914 in S. half;  
 S 2 in SE., and S 3 in SW. quadrant;  
 no trees suitable for bearing trees within limits;  
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of corner.

Subdivision of Township 1 South, Range 9 East 19  
Chains.

Pits impracticable.  
Land, mountainous, spurs steep, covered with loose stone.  
Soil, worthless.  
Very little bunch grass.  
Timber, scattering palo verde, mesquite and ironwood.  
August 3, 1914.

19.40  
28.20  
40.00  
  
  
  
  
40.95  
68.90  
80.00

July 30, 1914: At 8h.06m. a.m., l.m.t., I set off  $33^{\circ}17\frac{1}{2}'N$  on the lat.arc;  $18^{\circ}38\frac{1}{2}'N$  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., reestablished by me, as hereinbefore described.  
Thence I run,  
N.  $0^{\circ}02'W$ ., bet. secs. 33 and 34.  
Over rolling, sandy valley land, through scattering mesquite and palo verde timber, and greasewood brush undergrowth, 3 to 5 ft. high.  
Wood road, brs. N.  $60^{\circ}E$ . and S.  $60^{\circ}W$ .  
Dry ravine, 10 lks. wide,  $2\frac{1}{2}$  ft. deep, course S.  $75^{\circ}W$ .  
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; from which,  
A mesquite, 4 ins. in diam., brs. S.  $71\frac{1}{4}^{\circ}E$ ., 49 lks. dist., marked  $\frac{1}{4}$  S 34 B T.  
A palo verde, 6 ins. in diam., brs. N.  $18\frac{1}{4}^{\circ}W$ ., 83 lks. dist., marked  $\frac{1}{4}$  S 33 B T.  
Dry ravine, 10 lks. wide, 4 ft. deep, course S.  $40^{\circ}W$ .  
Dry ravine, 15 lks. wide, 3 ft. deep, course S.  $50^{\circ}W$ .  
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 9 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; from which,  
A palo verde, 6 ins. in diam., brs. N.  $65\frac{1}{2}^{\circ}E$ ., 69 lks. dist., marked T 1 S R 9 E S 27 B T.  
A palo verde, 8 ins. in diam., brs. S.  $44\frac{1}{2}^{\circ}E$ ., 363 lks. dist., marked T 1 S R 9 E S 34 B T.  
A palo verde, 8 ins. in diam., brs. S.  $61\frac{1}{2}^{\circ}W$ ., 83 lks. dist., marked T 1 S R 9 E, S 33 B T.  
A palo verde, 8 ins. in diam., brs. N.  $10\frac{1}{2}^{\circ}W$ ., 57 lks. dist., marked T 1 S R 9 E S 28 B T.  
Land, nearly level, slopes to the SW.  
Soil, dry, sandy loam, with some gravel,  $\frac{1}{2}$  to 1 in. deep on clay and gravelly subsoil.  
Timber, scattering mesquite, ironwood and palo verde.  
Light growth bunch grass.

40.00  
79.82  
  
  
  
  
4.32  
27.03

N.  $89^{\circ}46'E$ ., on a random line, bet. secs. 27 and 34.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 5 lks. south of the cor. of secs. 26, 27, 34 and 35.  
Thence I run,  
S.  $89^{\circ}44'W$ ., on a true line, bet. secs. 27 and 34.  
Over rolling, sandy and gravelly valley land, through scattering ironwood, mesquite and palo verde timber and greasewood brush undergrowth.  
Dry ravine, 6 lks. wide, 3 ft. deep, course S.  $50^{\circ}W$ .  
Dry ravine, 10 lks. wide, 4 ft. deep, course S.  $50^{\circ}W$ .

## 20. Subdivision of Township 1 South, Range 9 East.

## Chains.

- 33.02 Old wood road, brs. N.30°E. and S.30°W.  
 39.91 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  
 $\frac{1}{4}$  S 34, 1914 in S. half; from which,  
 A palo verde, 6 ins. in diam., brs. N.35°E., 44 lks. dist., marked  $\frac{1}{4}$  S 27 BT.  
 A palo verde, 7 ins. in diam., brs. S.11°E., 157 lks. dist., marked  $\frac{1}{4}$  S 34 B T.
- 42.62 Dry ravine, 10 lks. wide, 3 ft. deep, course S.20°W.  
 71.02 Dry ravine, 10 lks. wide, 3 ft. deep, course S.30°W.  
 79.82 The cor. of secs. 27, 28, 33 and 34.  
 Land, rolling valley, slopes to the SW.  
 Soil, dry, sandy and gravelly loam, 8 to 14 ins. deep on gravelly subsoil.  
 Light growth bunch grass.  
 Timber, mesquite, ironwood and palo verde.
- 
- N.0°02'W., bet. secs. 27 and 28.  
 Over nearly level, sandy and gravelly valley land, through scattering palo verde, mesquite and ironwood timber and greasewood brush undergrowth.
- 23.40 Road from Mesa to Superior, Arizona, brs. N.70°W. and S.70°E.  
 29.20 Dry sand wash, 15 lks. wide, 3 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 28 in W.,  
 $\frac{1}{4}$  S 27 in E., and  
 1914 in S. half; from which,  
 An ironwood, 14 ins. in diam., brs. N.44 $\frac{1}{2}$ °E., 116 lks. dist., marked  $\frac{1}{4}$  S 27 BT.  
 An ironwood, 12 ins. in diam., brs. N.2°30'W., 152 lks. dist., marked  $\frac{1}{4}$  S 28 B T.
- Note: At this corner at apparent noon, I set off 18° 36' N. on the decl. arc, and observe the sun on the meridian, the resulting latitude being 33°19' N.
- 41.50 Dry sand wash, 15 lks. wide, 4 ft. deep, course S.70°W.  
 59.65 Dry sand wash, 25 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 cor. of secs. 21, 22, 27 and 28, marked on brass cap,  
 T 1 S, R 9 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; from which,  
 A palo verde, 4 ins. in diam., brs. N.52°E., 56 lks. dist., marked T 1 S R 9 E S 22 BT.  
 A palo verde, 10 ins. in diam., brs. S.30 $\frac{1}{2}$ °E., 256 lks. dist., marked T 1 S R 9 E S 27 BT.  
 A palo verde, 8 ins. in diam., brs. S.68 $\frac{1}{4}$ °W., 124 lks. dist., marked T 1 S R 9 E S 28 BT.  
 A palo verde, 8 ins. in diam., brs. N.14 $\frac{1}{2}$ °W., 200 lks. dist., marked T 1 S R 9 E S 21 BT.
- Land, level, sandy valley.  
 Soil, sandy and gravelly loam, 8 to 20 ins. deep on gravelly clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering palo verde, mesquite and ironwood.
-

Chains.

N.89°44' E., on a random line, bet. secs.22 and 27.  
 40.00 Set temp. 1/4 sec.cor.  
 79.84 Intersect N.and S. line, 10 lks.south of the cor.of  
 secs. 22,23,26 and 27.  
 Thence I run,  
 S.89°40'W., on a true line, bet. secs.22 and 27.  
 Over nearly level sandy and gravelly valley land,through  
 scattering palo verde, mesquite and ironwood timber  
 and greasewood brush undergrowth.  
 17.84 Dry ravine, 15 lks.wide, course S.50°W.  
 39.92 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 22 in N., and  
 S 27, 1914 in S.half; from which,  
 A mesquite, 4 ins. in diam., brs.N.64°E.,42  
 lks.dist., marked 1/4 S 22 B T.  
 A mesquite 4 ins. in diam., brs.S.32 1/2°E., 62  
 lks.dist., marked 1/4 S 27 B T.  
 49.34 Dry ravine, 25 lks.wide, course S.40° W.  
 79.84 The cor.of secs.21,22,27 and 28.  
 Land, nearly level, sandy valley land, slopes to the  
 SW.  
 Soil, light, dry, sandy and gravelly loam, 6 to 24 ins.  
 deep on dry gravelly clay subsoil.  
 Light growth bunch grass:  
 Timber, scattering mesquite, ironwood and palo verde.  
 July 30, 1914.

August 1, 1914: At 11h. 06m. a.m.; l.m.t., I set off 33°  
 19'N. on the lat.arc; 18°07'N. on the decl.arc;and  
 determine a meridian with the solar at the cor.of  
 secs. 21,22,27 and 28.

Thence I run,  
 N.0°02'W., bet. secs. 21 and 22.  
 Over rolling, sandy valley land; through scattering mes-  
 quite, ironwood and palo verde timber and greasewood  
 brush undergrowth, 4 ft. high.  
 11:40 Dry ravine, 20 lks.wide, 4 ft. deep, course S.40°W.  
 36.85 Old wood road, brs.N.45°E. and S.45°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; from which,  
 A palo verde, 8 ins. in diam., brs.S.49°E.,30  
 lks.dist., marked 1/4 S 22 B T.  
 A palo verde, 6 ins. in diam., brs.S.34°W.,20  
 lks.dist., marked 1/4 S 21 BT.  
 75.10 Dry ravine, 15 lks.wide, 4 ft.deep, course S.70° W. As-  
 cend gradually over low rolling hills.  
 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 9 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; from which,  
 A palo verde, 6 ins. in diam., brs.N.67 1/2°E.,  
 134 lks.dist., marked T 1 S R 9 E S 15 BT.  
 A palo verde, 6 ins. in diam., brs.S.23 1/4°E.,  
 77 lks.dist., marked T 1 S R 9 E S 22 B T.  
 A palo verde, 6 ins. in diam., brs.S.66 1/2°W.,  
 100 lks.dist., marked T 1 S R 9 E S 21 BT.  
 A palo verde, 5 ins. in diam., brs.N.64 1/4°W.,  
 98 lks.dist., marked T 1 S R 9 E S 16 B T.



## 22. Subdivision of Township 1 South, Range 9 East.

Chains.

South, 75 chs. level, sandy valley.  
Soil, light, dry sandy loam, with some gravel, 8 to 14 ins. deep on clay subsoil.  
North, 5 chs. rolling hills; soil, stony loam, about 6 ins. deep on stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite, ironwood and palo verde.

- 40.00 N.  $89^{\circ}40'E.$ , on a random line, bet. secs. 15 and 22.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.84 Intersect N. and S. line, 3 lks. north of the cor. of secs. 14, 15, 22 and 23.  
Thence I run,  
S.  $89^{\circ}41'W.$ , on a true line, bet. secs. 15 and 22.  
Over low rolling hills, through scattering palo verde, mesquite and ironwood timber and greasewood brush.  
2.84 Dry ravine, 8 lks. wide, course S.  $50^{\circ}W.$ . Ascend gently.  
15.00 Top of low hill, brs. NE. and SW.  
29.24 Dry ravine, 10 lks. wide, 4 ft. deep, course S.  $70^{\circ}W.$ ; ascend gradually.  
39.92 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 N., and  
S 22, 1914 in S. half; from which,  
A palo verde, 6 ins. in diam., brs. N.  $58^{\circ}E.$ , 28 lks. dist., marked  $\frac{1}{4}$  S 15 B T.  
A palo verde, 6 ins. in diam., brs. S.  $43\frac{1}{2}^{\circ}W.$ , 76 lks. dist., marked  $\frac{1}{4}$  S 22 B T.  
47.64 Old wood road, brs. N.  $30^{\circ}E.$  and S.  $30^{\circ}W.$  along ridge, brs. NE. and SW.  
72.24 Dry ravine, 15 lks. wide, 4 ft. deep, course S.  $45^{\circ}W.$ . Ascend gradually.  
79.84 The cor. of secs. 15, 16, 21 and 22.  
Land, low rolling hills, slopes to the SW.  
Soil, light, dry, stony clay loam, with some gravel, 8 to 12 ins. deep on dry, stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering palo verde, mesquite and ironwood.  
Note: At this cor. I set off  $18^{\circ}06'N.$  on the decl. arc; and at apparent noon, observe the sun on the meridian, and obtain a reading of  $33^{\circ}20'N.$  on the lat. arc.

- N.  $0^{\circ}02'W.$ , bet. secs. 15 and 16.  
Over low rolling hills, through scattering mesquite, ironwood and palo verde timber, and greasewood and cactus undergrowth, 4 to 6 ft. high.  
16.30 Dry ravine, 10 lks. wide, 15 ft. deep, course S.  $50^{\circ}W.$ . Ascend over mesa land.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 16 in W.,  
S 15 in E., and  
1914 in S. half; from which,  
An ironwood 6 ins. in diam., brs. S.  $44^{\circ}E.$ , 130 lks. dist., marked  $\frac{1}{4}$  S 15 B T.  
An ironwood, 4 ins. in diam., brs. S.  $70^{\circ}W.$ , 34 lks. dist., marked  $\frac{1}{4}$  S 16 B T.  
51.20 Old wood road, brs. N.  $30^{\circ}E.$  and S.  $30^{\circ}W.$  on top of ridge, brs. NE. and SW.  
67.60 Dry ravine, 25 lks. wide, 20 ft. deep, course S.  $20^{\circ}W.$ . Ascend.  
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.



Chains.

T 1 S, R 9 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; from which,

A palo verde, 6 ins. in diam., brs. N. 60° E., 72  
lks. dist., marked T 1 S R 9 E S 10 BT.

A palo verde, 8 ins. in diam., brs. S. 55 1/2° E., 300  
lks. dist., marked T 1 S R 9 E S 15 B T.

A palo verde, 6 ins. in diam., brs. S. 43° W., 177  
lks. dist., marked T 1 S R 9 E S 16 BT.

A palo verde, 6 ins. in diam., brs. N. 32 1/2° W.,  
17 lks. dist., marked T 1 S R 9 E S 19 B T.

Land, low rolling hills, slopes to the SW.

Soil, dry, stony clay loam, about 10 ins. deep on stony  
clay subsoil.

Light growth bunch grass.

Timber, scattering mesquite, palo verde and ironwood.

N. 89° 41' E., on a random line, bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.

79.86 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 10, 11,  
14 and 15.

Thence I run,

S. 89° 43' W., on a true line, bet. secs. 10 and 15.

Over rolling, stony mesa land, through scattering palo  
verde, mesquite and ironwood timber and greasewood  
and cactus undergrowth, 4 to 6 ft. high.

15.26 Old wood road, brs. N. 30° E. and S. 30° W.

28.26 Dry ravine, 25 lks. wide, 20 ft. deep, course S. 30° W.; as-  
cend gradually.

39.93 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 10 in N., and

S 15, 1914 in S. half; from which,

A palo verde, 6 ins. in diam., brs. N. 54 1/2° E., 137  
lks. dist., marked 1/4 S 10 BT.

A palo verde, 8 ins. in diam., brs. S. 12 1/2° E.,  
52 lks. dist., marked 1/4 S 15 BT.

71.36 Dry ravine, 10 lks. wide, 15 ft. deep, course S. 30° W.; as-  
cend gradually.

79.86 The cor. of secs. 9, 10, 15 and 16.

Land, rolling mesa.

Soil, stony, dry clay loam, 4 to 8 ins. deep on stony  
clay subsoil.

Light growth bunch grass.

Timber, scattering mesquite, ironwood and palo verde.

August 1, 1914.

August 3, 1914: At 1h. 36m. p.m., l.m.t., I set off 33° 21'  
N. on the lat. arc; 17° 35' N. on the decl. arc; and deter-  
mine a meridian with the solar at the cor. of secs. 9, 10,  
15 and 16.

Thence I run,

N. 0° 02' W. bet. secs. 9 and 10.

Over rolling and hilly stony mesa land, through scattering  
ironwood, mesquite and palo verde timber and grease-  
wood brush undergrowth, 4 ft. high.

26.10 Dry ravine, 15 lks. wide, 10 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 9 in W.,

## 24. Subdivision of Township 1 South Range 9 East.

Chains.

- S 10 in E., and  
1914 in S. half; from which,  
A mesquite, 8 ins. in diam., brs. N.  $31\frac{1}{2}^{\circ}$  E., 66  
lks. dist., marked  $\frac{1}{4}$  S 10 B T.  
A palo verde, 10 ins. in diam., brs. N.  $49^{\circ}$  W.,  
98 lks. dist., marked  $\frac{1}{4}$  S 9 B T.
- 40.90 Dry ravine, 50 lks. wide, 25 ft. deep, course S.  $50^{\circ}$  W.  
48.00 Road from Mesa, Arizona to Creswell's ranch, brs. E. and  
W.  
72.50 Old road, brs. N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in  
the ground, for cor. of secs. 3, 4, 9 and 10, marked on  
brass cap,  
T 1 S R 9 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; from which,  
A palo verde, 5 ins. in diam., brs. N.  $26^{\circ}$  E., 108  
lks. dist., marked T 1 S R 9 E S 3 B T.  
An ironwood, 4 ins. in diam., brs. S.  $42\frac{1}{4}^{\circ}$  E., 73  
lks. dist., marked T 1 S R 9 E S 10 B T.  
An ironwood, 4 ins. in diam., brs. S.  $73\frac{3}{4}^{\circ}$  W., 39  
lks. dist., marked T 1 S R 9 E S 9 B T.  
A palo verde, 4 ins. in diam., brs. N.  $70\frac{1}{2}^{\circ}$  W.,  
110 lks. dist., marked T 1 S R 9 E S 4 B T.
- Land, rolling and hilly stony mesa land.  
Soil, poor, dry stony clay loam, 4 to 10 ins. deep on  
stony, clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite, ironwood and palo verde.
- 
- 40.00 N.  $89^{\circ}43'$  E., on a random line, bet. secs. 3 and 10.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.76 Intersect N. and S. line, 2 lks. south of the cor. of secs.  
2, 3, 10 and 11.  
Thence I run,  
S.  $89^{\circ}42'$  W., on a true line, bet. secs. 3 and 10.  
Ascend steep SE. slope of rocky spur, over mountainous land  
through scattering mesquite and palo verde timber and  
greasewood brush undergrowth, 3 ft. high.  
8.26 Top of spur, 75 ft. above the cor., brs. NE. and SW.; de-  
scend abruptly over SW. slope.  
39.88 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; from which,  
An ironwood, 8 ins. in diam., brs. N.  $42\frac{1}{2}^{\circ}$  W., 96  
lks. dist., marked  $\frac{1}{4}$  S 3 B T.  
An ironwood, 14 ins. in diam., brs. S.  $65\frac{1}{2}^{\circ}$  W., 80  
lks. dist., marked  $\frac{1}{4}$  S 10 B T.
- 41.66 Dry ravine, 15 lks. wide, course south.  
Leave mountainous land, brs. NE. and SW.; enter rolling  
land.  
49.16 Dry ravine, 20 lks. wide, 15 ft. deep, course south.  
62.06 Dry ravine, 20 lks. wide, 15 ft. deep, course S.  $10^{\circ}$  E.  
79.76 The cor. of secs. 3, 4, 9 and 10.  
East 40 chs. mountainous.  
Soil, worthless, stony clay loam on clay and stone sub-  
soil.  
West, 39.76 chs., rolling mesa land, slopes to the south  
and southeast.  
Soil, stony clay loam on stone and clay subsoil.  
Timber, mesquite, ironwood and palo verde.  
August 3, 1914.
-

Chains.

August 4, 1914: At 4h.06m. p.m., l.m.t., I set off 33° 21½' N. on the lat. arc; 17°18' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 9 and 10.

Thence I run, N. 0°02' W., on a true line, bet. secs. 3 and 4.

Ascend steep rocky SE. slope of spur, over mountainous land, through scattering palo verde and mesquite timber and greasewood brush undergrowth, 4 ft. high. Ascend 200 ft. to

10.00 Top of rocky spur, bts. NE. and SW. Descend 100 ft. to

14.00 Dry ravine, course S. 50° W. Ascend abruptly.

19.85 Top of mountain bts. E. and W. From this point a house, the Castro Ranch, bts. N. 41°30' W., 30.00 chs.

A well bts. N. 44°25' W., 32.50 chs.

A barn bts. N. 67° W., 38.00 chs.

An old house bts. N. 69½° W., about 60.00 chs. dist.

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 4 in W.,

S 3 in E., and

1914 in S. half; from which,

A palo verde, 4 ins. in diam., bts. N. 51° E., 72 lks. dist., marked ¼ S 3 B T.

A palo verde, 4 ins. in diam., bts. S. 5½° W., 57 lks. dist., marked ¼ S 4 B T.

48.00 Dry sand wash 60 lks. wide, at foot of mountain, course S. 80° W. Ascend SE. slope.

49.60 Dry sand wash, 50 lks. wide, 20 ft. deep, course S. 40° W. Ascend over barren rock.

55.36 Old road from Mesa, Arizona to old mines in the Superstition Mountains, bts. N. 60° E. and S. 60° W.

73.30 Intersect the Gila and Salt River Base Line, 16 lks. west of the standard cor. of secs. 33 and 34, T. 1 N., R. 9 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. 9 E., marked on brass cap,

C C S of center,

T 1 N. R. 9 E., S 33 S 34 in N., and

T 1 S, R 9 E, 1914 in S. half;

S 3 in SE., and

S 4 in SW. quadrant;

no trees large enough for bearing trees within limits; raise a mound of stone 2 ft. base, 1½ ft. high, south of corner. Pits impracticable.

Land, mountainous, drains to the southwest.

Soil, worthless, stony clay loam and decomposed granite, 2 to 6 ins. deep on clay and solid stone subsoil.

Light growth bunch grass.

Timber, scattering palo verde and mesquite.

August 4, 1914.

July 25, 1914: At 7h.36m., a.m., l.m.t., I set off 33° 17½' N. on the lat. arc; 19°47' 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., reestablished by me, as hereinbefore described.

Thence I run, N. 0°02' W., bet. secs. 32 and 33.

Over level, sandy valley land, through scattering mesquite timber and greasewood brush undergrowth, 3 to 4 ft. high.

20.00 Swale 10 lks. wide, 1 ft. deep, course S. 45° W.

26.90 Old wood road bts. N. 30° W. and S. 30° E.

33.60 Swale, 10 lks. wide, 1 ft. deep, course S. 50° W.

## 26. Subdivision of Township 1 South, Range 9 East.

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 32 in W.,  
 S 33 in E., and  
 1914 in S. half; from which,  
 An ironwood, 10 ins. in diam., brs. N.  $36\frac{1}{4}^{\circ}$  E.,  
 16 lks. dist., marked  $\frac{1}{4}$  S 33 B T.  
 A mesquite, 14 ins. in diam., brs. S.  $53\frac{3}{4}^{\circ}$  W.,  
 430 lks. dist., marked  $\frac{1}{4}$  S 32 B T.
- 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,  
 T 1 S R 9 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; from which,  
 An ironwood, 8 ins. in diam., brs. S.  $56^{\circ}$  E., 204 lks. dist., marked T 1 S R 9 E S 33 B T.  
 An ironwood, 20 ins. in diam., brs. S.  $24^{\circ}$  W., 198 lks. dist., marked T 1 S R 9 E S 32 B T.
- No other trees within the prescribed 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.  
 Soil, light, dry, sandy clay loam, 12 to 30 ins. deep on clay subsoil.  
 Good growth bunch grass,  
 Timber, scattering mesquite, ironwood and palo verde.  
 July 25, 1914, to be continued.

August 1, 1914: At 7h. 36m., a.m., l.m.t., I set off  $33^{\circ}$  18' N. on the lat. arc;  $18^{\circ} 09\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 28, 29, 32 and 33.

- Thence I run,  
 N.  $89^{\circ} 46'$  E., on a random line, bet. secs. 28 and 33.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.80 Intersect N. and S. line, 2 lks. south of the cor. of secs. 27, 28, 33 and 34.  
 Thence I run,  
 S.  $89^{\circ} 45'$  W. on a true line, bet. secs. 28 and 33.  
 Over level, sandy valley land, drains to the SW., through scattering palo verde, mesquite and ironwood timber and greasewood brush undergrowth, 4 to 6 fthigh.
- 39.90 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; from which,  
 A mesquite, 8 ins. in diam., brs. N.  $17^{\circ}$  W., 97 lks. dist., marked  $\frac{1}{4}$  S 28 B T.  
 A palo verde, 8 ins. in diam., brs. S.  $78^{\circ}$  E., 23 lks. dist., marked  $\frac{1}{4}$  S 33 B T.
- 41.60 Dry ravine, 15 lks. wide, 3 ft. deep, course S.  $30^{\circ}$  W.  
 79.80 The cor. of secs. 28, 29, 32 and 33.  
 Land, level valley, drains to the SW.  
 Soil, medium rich dry sandy and gravelly loam, 12 to 20 ins. deep on clay and gravelly subsoil.  
 Fair growth bunch grass.  
 Timber, palo verde, mesquite and ironwood.  
 August 1, 1914.

July 25, 1914, continued.

N.  $0^{\circ} 02'$  W., bet. secs. 28 and 29.  
 Over level, sandy valley land, drains to the SW., through scattering palo verde, ironwood and mesquite timber

Subdivision of Township 1 South, Range 9 East. 27.

Chains

- and greasewood brush undergrowth.
- 11.00 Swale 20 lks.wide, 1½ ft. deep, course S.60°W.
- 23.60 Dry ravine, 10 lks.wide, 2 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 ¼ sec.cor., marked on brass cap,
  - ¼ S 29 in W.,
  - S 28 in E., and
  - 1914 in S.half; from which,
  - A mesquite, 8 ins. in diam., brs.S.27½°E.,312 lks.dist., marked ¼ S 28 B T.
  - A mesquite, 4 ins. in diam., brs.N.82°W.,195 lks.dist., marked ¼ S 29 BT.
- 44.30 Road from Mesa to Superior, Arizona, brs.N.77°W. and S.77°E.
- 58.00 Swale, 15 lks.wide, 1 ft. deep, course west.
- 68.10 Old wood road, brs. E.and W.
- 78.40 Dry ravine, 15 lks.wide, 4 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. 20,21,28 and 29, marked on brass cap,
  - T 1 S R 9 E in N.,and
  - 1914 in S.half;
  - S 20 in NW.,
  - S 21 in NE.,
  - S 28 in SE., and
  - S 29 in SW.quadrant; from which,
  - A palo verde, 6 ins. in diam., brs.N.41½°E., 46 lks.dist., marked T 1 S R 9 E S 21 BT.
  - A mesquite, 6 ins. in diam., brs.S.33¼°E.,155 lks.dist., marked T 1 S R 9 E S 28 BT.
  - A mesquite, 6 ins. in diam., brs.S.13¼°W.,128 lks.dist., marked T 1 S R 9 E S 29 BT.
  - A mesquite, 4 ins. in diam., brs.N.32°W.,218 lks.dist., marked T 1 S R 9 E S 20 BT.

Land,level valley, drains to the SW.  
 Soil, rich, fine dry sandy loam,12 to 24 ins. deep on clay and gravel subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite, ironwood, and palo verde.  
 July 25, 1914.  
 To be continued.

- August 1, 1914: At 9h.06m., a.m.,l.m.t., I set off 33° 19'N. on the lat.arc; 18°08'N. on the decl.arc; and determine a meridian, with the solar at the cor.of secs.20,21,28 and 29.
- Thence I run, N.89°45'E., on a random line, bet. secs.21 and 28.
- 40.00 Set temp.¼ sec.cor.
- 79.82 Intersect N.and S;line, 5 lks.N.of the cor.of secs.21, 22, 27 and 28.
- Thence I run, S.89°47'W., on a true line, bet. secs.21 and 28.
- Over rolling, sandy valley land, through scattering palo verde, mesquite and ironwood timber and greasewood brush undergrowth, 4 to 6 ft.high.
- 15.00 Dry ravine, 15 lks.wide, 3 ft. deep, course S.50°W.
- 30.15 Old wood road, brs.N.30°E. and S.30°W.
- 39.91 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 21 in N., and
  - S 28, 1914 in S.half; from which,
  - A palo verde, 8 ins. in diam., brs.N.33°45'E., 223 lks.dist., marked ¼ S 21 BT.
  - A palo verde, 5 ins. in diam., brs.S.30°E. 16 lks.dist., marked ¼ S 28 BT.
- 52.70 Dry ravine, 15 lks.wide, 3 ft.deep, course S.50°W.
- 79.82 The cor.of secs.20,21,28 and 29.

28. Subdivision of Township 1 South, Range 9 East

Chains.

Land, rolling, slopes to the SW.  
Soil, medium rich, dry sandy and gravelly clay loam, 10 to 24 ins. deep on clay subsoil.  
Very light growth bunch grass.  
Timber, scattering palo verde, mesquite and ironwood.  
August 1, 1914.

July 25, 1914, continued.  
N.0°02'W., bet. secs.20 and 21.

Over rolling, sandy and gravelly valley land, through scattering palo verde, mesquite and ironwood timber, and greasewood and cactus undergrowth, 4 to 6 ft. high.

22.10 Dry ravine, 15 lks. wide, 2 ft. deep, course S.30°W.

37.60 Dry ravine, 6 lks. wide, 3 ft. deep, course S.45°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 20 in W.,  
S 21 in E., and

1914 in S. half; from which,

A palo verde, 6 ins. in diam., brs. N.88 $\frac{1}{2}$ °E., 86 lks. dist., marked  $\frac{1}{4}$  S 21 BT.

A palo verde, 6 ins. in diam., brs. N.23 $\frac{1}{4}$ °W., 30 lks. dist., marked  $\frac{1}{4}$  S 20 BT.

Note: At this cor., I set off 19°44'N. on the decl. arc; and at apparent noon, observe the sun on the meridian; and obtain a reading of 33° 19 $\frac{1}{2}$ ' N. on the lat. arc.

70.30 Old wood road brs. N.70°E. and S.70°W.

77.70 Dry ravine, 5 lks. wide, 4 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 cor. of secs. 16, 17, 20 and 21, marked on brass cap,

T 1 S R 9 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; from which,

A mesquite, 4 ins. in diam., brs. N.29 $\frac{1}{8}$ °E., 21 lks. dist., marked T 1 S R 9 E S 16 BT.

A palo verde, 8 ins. in diam., brs. S.1°E., 104 lks. dist., marked T 1 S R 9 E S 21 BT.

A palo verde, 10 ins. in diam., brs. S.79 $\frac{1}{2}$ °W., 326 lks. dist., marked T 1 S R 9 E S 20 BT.

A palo verde, 18 ins. in diam., brs. N.36 $\frac{1}{2}$ °W., 126 lks. dist., marked T 1 S R 9 E S 17 BT.

Land, rolling valley, slopes to the SW.; soil, light, dry stony clay loam, with considerable gravel 6 to 14 ins. deep on stony clay subsoil. Very little grass.

Timber, scattering palo verde, mesquite and ironwood.

July 25, 1914.

August 4, 1914: At 7h.06m. a.m., l.m.t., I set off 33° 20'N. on the lat. arc; 17°24'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.89°47'E. on a random line, bet. secs. 16 and 21.

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

79.88 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence I run,

S.89°46'W., on a true line, bet. secs. 16 and 21.

Over rolling, stony land, slopes to the SW., through scattering palo verde, mesquite and ironwood timber and greasewood brush undergrowth, 4 ft. high.

15.10 Dry ravine, 15 lks. wide, 6 ft. deep, course S.20°W.

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

Subdivision of Township 1 South Range 9 East. 29.

Chains.  
61.00  
66.55  
79.88

the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 16 in N., and  
S 21, 1914 in S-half; from which,  
A palo verde, 4 ins. in diam., brs.N.10 $\frac{1}{4}$ °W.,  
78 lks.dist., marked  $\frac{1}{4}$  S 16 B T.  
A palo verde, 5 ins. in diam., brs.S.12 $\frac{1}{4}$ °W.,  
92 lks.dist., marked  $\frac{1}{4}$  S 21 BT.  
Dry ravine, 10 lks.wide, 3 ft.deep, course S.10°W.  
Old wood road, brs. N.60°E. and S.60°W.  
The cor.of secs.16,17,20 and 21.  
Land, rolling valley land, slopes to the SW.  
Soil, poor, dry stony clay loam, about 10 ins. deep on  
stony, clay subsoil.  
Very little grass.  
Timber, scattering mesquite, ironwood and palo verde.

1.10  
40.00

N.0°02'W., bet. secs.16 and 17.  
Over rolling, stony valley land, slopes to the SW., through  
scattering palo verde, mesquite and ironwood timber  
and greasewood and cactus undergrowth, 4 to 6 ft.high.  
Dry ravine, 10 lks.wide, 4 ft.deep, course S.30°W.  
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,

41.20  
66.90  
80.00

$\frac{1}{4}$  S 17 in W.,  
S 16 in E., and  
1914 in S-half; from which,  
A mesquite, 4 ins. in diam., brs.N.88 $\frac{1}{2}$ °W.,155  
lks.dist., marked  $\frac{1}{4}$  S 17 B T.  
A palo verde, 6 ins. in diam., brs.N.20 $\frac{1}{4}$ °E.,  
126 lks.dist., marked  $\frac{1}{4}$  S 16 B T.  
Dry ravine, 20 lks.wide, 4 ft. deep, course S.40°W.  
Old road from Mesa to Carney's mine brs.N.50°E. and S.  
50°W.  
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 9 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; from which,  
A palo verde, 10 ins. in diam., brs.N.51 $\frac{3}{4}$ °E.  
125 lks.dist., marked T 1 S R 9 E S 9 B T.  
A palo verde, 6 ins. in diam., brs.S.89 $\frac{1}{2}$ °E.,  
134 lks.dist., marked T 1 S R 9 E S 16 BT.  
A palo verde, 10 ins. in diam., brs.S.85°W.,  
27 lks.dist., marked T 1 S R 9 E S 17 BT.  
A palo verde, 5 ins. in diam., brs.N.5 $\frac{1}{2}$ °W.,  
133 lks.dist., marked T 1 S R 9 E S 8 BT.  
Land, rolling, stony valley, slopes to the SW.  
Soil, poor, dry, stony clay loam, 3 to 8 ins.deep on  
clay and stone subsoil.  
Very light growth bunch grass.  
Timber, mesquite, ironwood and palo verde.

40.00  
79.86

N.89°46'E., on a random line, bet. secs.9 and 16.  
Set temp. $\frac{1}{4}$  sec.cor.  
Intersect N.and S. line, 2 lks.S.of the cor.of secs.9,  
10,15 and 16.  
Thence I run,  
S.89°45'W., on a true line, bet. secs.9 and 16.  
Over rolling, sandy and stony valley land, slopes to the  
SW., through scattering palo verde, mesquite and  
ironwood timber and greasewood brush and cactus



30. Subdivision of Township 1 South, Range 9 East.

Chains.

- undergrowth, 4 ft. high.
- 39.93 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 N., and  
 S 16, 1914 in S. half; from which,  
 A palo verde, 4 ins. in diam., brs. N.  $72\frac{1}{2}^{\circ}$  W.,  
 75 lks. dist., marked  $\frac{1}{4}$  S 9 B T.  
 A palo verde, 10 ins. in diam., brs. S.  $16\frac{1}{4}^{\circ}$  E.,  
 110 lks. dist., marked  $\frac{1}{4}$  S 16 B T.
- 44.76 Old wood road, brs. N.  $50^{\circ}$  W. and S.  $50^{\circ}$  E.
- 49.86 Dry ravine, 15 lks. wide, course S.  $20^{\circ}$  W.
- 51.46 Same road, brs. N.  $40^{\circ}$  E. and S.  $40^{\circ}$  W.
- 55.86 Same road brs. N.  $40^{\circ}$  W. and S.  $40^{\circ}$  E.
- 75.66 Road from Mesa, Arizona, to the Carney Mine, brs. N. and S.
- 79.86 The cor. of secs. 8, 9, 16 and 17.  
 Land, rolling, stony valley land, slopes to the SW.  
 Soil, poor, dry, stony clay loam, with considerable  
 gravel, 4 to 12 ins. deep on clay and stone subsoil.  
 No grass.  
 Timber, scattering palo verde, mesquite and ironwood.  
 Note: At this cor., I set off  $17^{\circ} 20'$  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.
- 
- N.  $0^{\circ} 02'$  W., bet. secs. 8 and 9.  
 Over rolling, stony valley land, drains to the SW.,  
 through mesquite, ironwood and palo verde timber and  
 greasewood brush and cactus undergrowth, 4 ft. high.
- 13.90 Dry sand wash, 20 lks. wide, 5 ft. deep, course S.  $40^{\circ}$  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 8 in W.,  
 S 9 in E., and  
 1914 in S. half; from which,  
 A palo verde, 8 ins. in diam., brs. S.  $1\frac{1}{2}^{\circ}$  E., 218  
 lks. dist., marked  $\frac{1}{4}$  S 9 B T.  
 An ironwood, 6 ins. in diam., brs. N.  $22\frac{1}{2}^{\circ}$  W., 197  
 lks. dist., marked  $\frac{1}{4}$  S 8 B T.
- 47.60 Road from Mesa to the Creswell Ranch, brs. N.  $80^{\circ}$  W. and  
 S.  $80^{\circ}$  E.
- 48.50 Road from Mesa to the Carney Mine, brs. N.  $50^{\circ}$  E. and S.  $50^{\circ}$   
 W.
- 61.60 Enter dry sand wash, course S.  $40^{\circ}$  W.
- 64.00 Leave sand wash; ascend SE. slope of spur over stony  
 mountainous land, covered with loose malpais and  
 granite boulders.
- 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 9 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 within the prescribed limits; raise a mound  
 of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, west of cor. Pits  
 impracticable.  
 South, 64 chs. rolling, stony valley land.  
 Soil, poor, dry stony clay loam, 4 to 10 ins. deep on  
 clay and loose stone subsoil.  
 Very little grass.  
 North, 16 chs. mountainous, soil, worthless.  
 Light growth bunch grass.  
 Timber, scattering palo verde, mesquite and ironwood.
-



Subdivision of Township 1 South Range 9 East. 31.

Chains.

- N.89°45'E. on a random line, bet. secs.4 and 9.  
 40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 79.86 Intersect N.and S. line, 3 lks.north of the cor.of secs.  
 3,4,9 and 10.  
 Thence I run,  
 S.89°46'W., on a true line, bet. secs.4 and 9.  
 Descend SW. slope of spur, over mountainous land, through  
 scattering mesquite, ironwood and palo verde timber,  
 and greasewood and cactus undergrowth, 3 to 5 ft.high.  
 Descend 150 ft.to  
 8.54 Foot of abrupt descent; leave mountainous land, brs.N.  
 and S. Enter hilly land, brs.N.and S.  
 23.44 Old wood road, brs.N.50°W. and S.50°E.  
 26.04 Dry ravine, 10 lks.wide, 15 ft. deep, course S.20°W.  
 38.84 Road from Mesa, Arizona, to the Carney Mine, brs.N.10°  
 W.and S.10°E.  
 39.93 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; from which,  
 A palo verde, 4 ins. in diam., brs.N.37 $\frac{1}{2}$ °E.,  
 72 lks.dist., marked  $\frac{1}{4}$  S 4 B T.  
 A palo verde, 6 ins. in diam., brs.S.32 $\frac{1}{2}$ °E.,  
 214 lks.dist., marked  $\frac{1}{4}$  S 9 BT.  
 52.86 Road from Mesa, Arizona, to the Carney Mine; brs.N.20°E.  
 and S.20°W.  
 59.56 Enter dry sand wash, course S.40°W.  
 60.66 Leave sand wash, over hilly land.  
 69.06 Center of sand wash, 60 lks.wide, 6 ft.deep, course S.  
 40°W.  
 76.85 Leave hilly land, brs.NE. and SW.; enter mountainous  
 land; ascend steep east slope.  
 79.86 The cor.of secs.4,5,8 and 9.  
 Land, hilly and mountainous.  
 Soil, poor; dry stony clay loam 2 to 14 ins.deep on  
 stone and clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite, ironwood and palo verde.  
 August 4, 1914.

- 
- August 6, 1914: At 10h.06m., a.m., l.m.t., I set off  
 33°21 $\frac{1}{2}$ 'N. on the lat.arc; 16°49'N. on the decl.arc,  
 and determine a meridian with the solar at the cor.  
 of secs. 4,5,8 and 9.  
 Thence I run,  
 N.0°02'W., on a true line, bet. secs.4 and 5.  
 Ascend abrupt rocky SE. slope of spur, over mountainous  
 land, through scattering palo verde timber and grease-  
 wood brush and cactus undergrowth, 4 ft.high. Ascend  
 150 ft.to  
 18.00 Top of ascent on steep east slope of mountain spur. De-  
 scend over NE. slope.  
 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; from which,  
 A palo verde, 6 ins. in diam., brs.S.67 $\frac{1}{2}$ °E., 47  
 lks.dist., marked  $\frac{1}{4}$  S 4 B T.  
 A palo verde, 4 ins. in diam., brs.N.39°W., 33  
 lks.dist., marked  $\frac{1}{4}$  S 5 B T.  
 49.50 Dry ravine, 15 lks.wide. 6 ft. deep, course S.70°EWAs-  
 cend.  
 73.63 Intersect the Gila and Salt River Base Line at the stand-  
 ard cor. of secs.32 and 33, T.1 N., R.9 E., reestab-  
 lished by me, as described in Book "B." I remark this  
 cor. to read as follows:

32. Subdivision of Township 1 South, Range 9 East.  
Chains.

T 1 N R 9 E in N., and  
T 1 S, R 9 E, 1914 in S. half;  
S 32 in NW.,  
S 33 in NE.,  
S 4 in SE., and  
S 5 in SW. quadrant;

and leave the mound of stone as originally placed.  
Land, mountainous, slopes steep, washed on slopes rocky.  
Soil, stony clay loam, 2 to 8 ins. deep on stone and clay  
subsoil.

Light growth bunch grass.

Timber, scattering mesquite and palo verde.

Note: At this cor., I set off  $16^{\circ}48'N.$  on the decl.  
arc; and at apparent noon, observe the sun on the  
meridian; and obtain a reading of  $33^{\circ}22\frac{1}{2}'N.$  on the  
lat. arc.

August 6, 1914.

July 24, 1914: At 8h.06m., a.m., l.m.t., I set off  $33^{\circ}$   
 $17\frac{1}{2}'N.$  on the lat. arc;  $19^{\circ}59'N.$  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., reestab-  
lished by me, as hereinbefore described.

Thence I run,

$N.0^{\circ}03'W.$ , bet. secs. 31 and 32.

Over level, sandy valley land, through scattering grease-  
wood brush undergrowth, 3 ft. high.

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

$\frac{1}{4}$  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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
west of cor.

42.80 Swale, 15 lks. wide, 1 ft. deep, course  $S.45^{\circ}W.$ ; enter  
scattering mesquite timber, brs. E. and W.

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

T 1 S R 9 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; from which,

A mesquite, 15 ins. in diam., brs.  $N.63^{\circ}E.$ , 110  
lks. dist., marked T 1 S R 9 E S 29 B T.

A mesquite, 6 ins. in diam., brs.  $S.18^{\circ}E.$ , 152  
lks. dist., marked T 1 S R 9 E S 32 B T.

A mesquite, 6 ins. in diam., brs.  $S.57^{\circ}W.$ , 162  
lks. dist., marked T 1 S R 9 E S 31 B T.

A mesquite, 6 ins. in diam., brs.  $E.22^{\circ}W.$ , 225  
lks. dist., marked T 1 S R 9 E S 30 B T.

Land, level valley, drains to the SW.

Soil, rich dry, sandy loam, 12 to 30 ins. deep on clay and  
gravelly subsoil.

Good growth bunch grass.

Timber, scattering mesquite.

July 24, 1914.

To be continued.

July 25, 1914: At 8h.36m. a.m., l.m.t., I set off  $33^{\circ}18'$   
N. on the lat. arc;  $19^{\circ}46'N.$  on the decl. arc; and de-  
termine a meridian with the solar at the cor. of secs.  
29, 30, 31 and 32.

Subdivision of Township 1 South, Range 9 East. 33.

Chains.

Thence I run,  
N.89°46'E., on a random line, bet. secs.29 and 32.  
40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
79.86 Intersect N.and S. line, 8 lks. south of the cor.of secs.  
28,29,32 and 33.  
Thence I run,  
S.89°43' W., on a true line, bet. secs.29 and 32.  
Over level, sandy valley land, through scattering mes-  
quite and ironwood timber, and greasewood brush under-  
growth, 3 ft. high.  
29.50 Wood road, brs.N.45°W. and S.45°E.  
39.93 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 N., and  
S 32,1914 in S.half; from which,  
An ironwood, 12 ins. in diam., brs.N.5°E.,274  
lks.dist., marked  $\frac{1}{4}$  S 29 BT.  
An ironwood,10 ins. in diam., brs.S.64°W. 186  
lks.dist., marked  $\frac{1}{4}$  S 32 B T.  
46.90 Dry ravine,10 lks.wide. 3 ft. deep, course S.60° W.  
79.86 The cor.of secs.29,30,31 and 32.  
Land,level valley.  
Soil, medium rich, dry, sandy loam, 12 to 24 ins.deep  
on dry sandy and clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite and ironwood.  
July 25, 1914.

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July 24, 1914, continued.  
S.89°46' W., on a random line, bet. secs. 30 and 31.  
40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
81.12 Intersect west bdy. of Tp., 2 lks.south of the cor.of  
secs. 25,30, 31 and 36, reestablished by me, as de-  
scribed in Book "G."  
Thence I run,  
N.89°47'E., on a true line, bet. secs.30 and 31.  
Over level, sandy valley land, through scattering palo  
verde, mesquite and ironwood timber and greasewood  
brush 6 ft.high.  
41.12 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;  
no trees within limits; dig pits 18x13x12 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.  
81.12 The cor.of secs.29,30,31 and 32.  
Land,level, sandy valley drains to the southwest.  
Soil, rich, fine dry sandy loam, 12 to 20 ins. deep on  
dry,clay subsoil.  
Good growth bunch grass.  
Timber, scattering mesquite, palo verde and ironwood.

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N.0°03'W., bet. secs.29 and 30.  
Over level sandy valley land, slopes to the SW.,through  
scattering mesquite and ironwood timber and greasewood  
brush undergrowth, 2 ft.high.  
13.20 Wood road, brs.N.60°W. and S.60°E.  
17.00 Dry ravine, 10 lks.wide, 2 $\frac{1}{2}$  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 30 in W.,  
S 29 in E., and  
1914 in S.half;

34 Subdivision of Township 1 South, Range 9 East

Chains

- 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.
- 63.80 Road from Mesa to Superior, Arizona, brs. N.  $77^\circ$  W. and S.  $77^\circ$  E.
- 67.10 Dry ravine, 20 lks. wide, 4 ft. deep, course S.  $70^\circ$  W.
- 74.50 Old wood road, brs. N.  $60^\circ$  W. and S.  $60^\circ$  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 9 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; from which,  
 A mesquite, 5 ins. in diam., brs. N.  $29\frac{1}{2}^\circ$  E., 136 lks. dist., marked T 1 S R 9 E S 20 BT.  
 A palo verde, 6 ins. in diam., brs. S.  $26\frac{1}{4}^\circ$  E., 258 lks. dist., marked T 1 S R 9 E S 29 B T.  
 A mesquite, 11 ins. in diam., brs. S.  $41\frac{1}{2}^\circ$  W., 213 lks. dist., marked T 1 S R 9 E S 30 BT.  
 A palo verde, 16 ins. in diam., brs. N.  $29\frac{1}{4}^\circ$  W., 181 lks. dist., marked T 1 S R 9 E S 19 BT.
- Note: At this cor. at apparent noon, I set off  $19^\circ 57'$  N. on the decl. arc, and observe the sun on the meridian; the resulting lat. is  $33^\circ 19' N$ .  
 Land, level valley, drains to the SW.  
 Soil, medium rich fine dry sandy and gravelly loam, 12 to 24 ins. deep on gravelly clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering palo verde and mesquite.  
 July 24, 1914.  
 To be continued.
- 
- July 25, 1914: At 10h. 06m. a.m., l.m.t., I set off  $33^\circ 19'$  N. on the lat. arc;  $19^\circ 45' N$ . on the decl. arc; and determine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30.  
 Thence I run,  
 N.  $89^\circ 43' E$ ., on a random line, bet. secs. 20 and 29.
- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.
- 79.80 Intersect the cor. of secs. 20, 21, 28 and 29.  
 Thence I run,  
 S.  $89^\circ 43' W$ ., on a true line, bet. secs. 20 and 29.  
 Over level, sandy valley land, through scattering palo verde and ironwood timber and greasewood brush undergrowth, 4 ft. high.
- 18.40 Dry ravine, 15 lks. wide, 4 ft. deep, course S.  $30^\circ$  W.
- 39.90 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., marked on brass cap,  
 $\frac{1}{2}$  S 20 in N., and  
 S 29, 1914 in S. half; from which,  
 A mesquite, 12 ins. in diam., brs. N.  $33^\circ E$ ., 420 lks. dist., marked  $\frac{1}{2}$  S 20 BT.  
 A mesquite, 8 ins. in diam., brs. S.  $9\frac{1}{2}^\circ W$ ., 130 lks. dist., marked  $\frac{1}{2}$  S 29 BT.
- 60.00 Dry ravine, 8 lks. wide,  $2\frac{1}{2}$  ft. deep, course S.  $10^\circ$  W.
- 79.80 The cor. of secs. 19, 20, 29 and 30.  
 Land, level valley, drains to the SW.  
 Soil, dry, sandy clay loam, about 14 ins. deep on dry, sandy and gravelly clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite, palo verde and ironwood.  
 July 25, 1914.

35. Subdivision of Township 1 South, Range 9 East. 35.

Chains.

- July 24, 1914, continued.  
S.  $89^{\circ} 47' W.$ , on a random line, bet. secs. 19 and 30.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 40.00  
80.94 Intersect west bdy. of Tp., 5 lks. north of the cor. of  
secs. 19, 24, 25 and 30, reestablished by me, as de-  
scribed in Book "G."  
Thence I run,  
N.  $89^{\circ} 45' E.$ , on a true line, bet. secs. 19 and 30.  
Over rolling, sandy and gravelly valley land, through  
scattering palo verde, mesquite and ironwood timber  
and greasewood brush undergrowth, 4 to 6 ft. high.
- 18.84 Road from Mesa to Superior, Arizona, brs. N.  $75^{\circ} W.$  and S.  
 $75^{\circ} E.$
- 39.44 Dry ravine, 15 lks. wide, 2 ft. deep, course S.  $50^{\circ} W.$   
40.94 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 N., and  
S 30, 1914 in S. half; from which,  
A mesquite, 10 ins. in diam., brs. N.  $40^{\circ} E.$ , 262  
lks. dist., marked  $\frac{1}{4}$  S 19 BT.  
A mesquite, 8 ins. in diam., brs. S.  $38^{\circ} W.$ , 156  
lks. dist., marked  $\frac{1}{4}$  S 30 BT.
- 68.54 Road from Mesa, Arizona, to the Carney Mine, brs. N.  $15^{\circ}$   
E. and S.  $15^{\circ} W.$
- 69.04 Old road, brs. NE. and SW.  
80.94 The cor. of secs. 19, 20, 29 and 30.  
Land, rolling valley, drains to the SW.  
Soil, dry, sandy clay loam, with some gravel, 6 to 18  
ins. deep on stony clay subsoil.  
Light growth bunch grass.  
Timber, palo verde, ironwood and mesquite.
- 
- N.  $0^{\circ} 03' W.$ , bet. secs. 19 and 20.  
Over rolling, sandy and gravelly valley land, through  
scattering palo verde, ironwood and mesquite tim-  
ber and greasewood brush undergrowth, 4 to 6 ft. high.
- 4.90 Wood road, brs. N.  $60^{\circ} E.$  and S.  $60^{\circ} W.$   
31.30 Dry ravine, 10 lks. wide, 3 ft. deep, course S.  $45^{\circ} W.$   
32.75 Road from Mesa, Arizona, to the Carney Mine, brs. N.  $30^{\circ} E.$   
and S.  $30^{\circ} W.$
- 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 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 corner.
- 56.70 Dry ravine, 15 lks. wide, 2 ft. deep, course 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. 17, 18, 19 and 20, marked on  
brass cap,  
T 1 S R 9 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; from which,  
A palo verde, 8 ins. in diam., brs. N.  $63\frac{1}{2}^{\circ} E.$ ,  
146 lks. dist., marked T 1 S R 9 E S 17 BT.  
A palo verde, 5 ins. in diam., brs. S.  $83^{\circ} E.$ ,  
138 lks. dist., marked T 1 S R 9 E S 20 BT.  
A palo verde, 6 ins. in diam., brs. S.  $75\frac{1}{2}^{\circ} W.$ ,  
146 lks. dist., marked T 1 S R 9 E S 19 BT.  
A palo verde, 4 ins. in diam., brs. N.  $44\frac{1}{2}^{\circ} W.$ ,  
184 lks. dist., marked T 1 S R 9 E S 18 BT.

## 36 Subdivision of Township 1 South Range 9 East.

## Chains

Land, rolling valley land, slopes to the SW.  
Soil, light, dry, stony clay loam, about 10 ins. deep on stony clay subsoil.  
Very little grass.  
Timber, scattering palo verde, mesquite and ironwood.  
July 24, 1914.

August 5, 1914: At 8h.06m. a.m., l.m.t., I set off  $33^{\circ}20'$  N. on the lat. arc;  $17^{\circ}07'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.

Thence I run,  
N.  $89^{\circ}43'E.$ , on a random line, bet. secs. 17 and 20.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.84 Intersect N. and S. line, 3 lks. north of the cor. of secs. 16, 17, 20 and 21.

Thence I run,  
S.  $89^{\circ}44'W.$  on a true line, bet. secs. 17 and 20.

Over rolling, sandy and stony valley land, through scattering mesquite, palo verde and ironwood timber and greasewood brush undergrowth 4 to 6 ft. high.

.90 Dry ravine, 10 lks. wide, 3 ft. deep, course S.  $40^{\circ}W.$

26.40 Dry ravine, 8 lks. wide, 3 ft. deep, course S.  $30^{\circ}W.$

39.92 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 17 in N., and

S 20, 1914 in S. half; from which,

A palo verde, 8 ins. in diam., brs. N.  $46^{\circ}W.$ , 49 lks. dist., marked  $\frac{1}{4}$  S 17 B T.

A palo verde, 12 ins. in diam., brs. S.  $47^{\circ}E.$ , 130 lks. dist., marked  $\frac{1}{4}$  S 20 B T.

57.85 Road from Mesa, Arizona to the Carney Mine, brs. N.  $60^{\circ}E.$ , and S.  $60^{\circ}W.$

58.80 Dry sand wash, 20 lks. wide, 4 ft. deep, course S.  $50^{\circ}W.$

79.84 The cor. of secs. 17, 18, 19 and 20.

Land, rolling, sandy and stony valley land, slopes to the SW.

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

Very little grass.

Timber, scattering palo verde, mesquite and ironwood.

S.  $89^{\circ}45'W.$ , on a random line, bet. secs. 18 and 19.

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

80.82 Intersect west bdy. of Tp., 3 lks. north of the cor. of secs. 13, 18, 19 and 24, reestablished by me, as described in Book "G."

Thence I run,

N.  $89^{\circ}44'E.$ , on a true line, bet. secs. 18 and 19.

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

25.02 Dry ravine, 20 lks. wide, 4 ft. deep, course S.  $70^{\circ}W.$

40.82 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; from which,

A palo verde, 6 ins. in diam., brs. N.  $52^{\circ}E.$ , 187 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

A palo verde, 4 ins. in diam., brs. S.  $41^{\circ}W.$ , 105 lks. dist., marked  $\frac{1}{4}$  S 19 B T.

71.25 Dry ravine, 20 lks. wide, 3 ft. deep, course S.  $50^{\circ}W.$

80.82 The cor. of secs. 17, 18, 19 and 20.

Subdivision of Township 1 South, Range 9 East. 37.

Chains.

Land, rolling, stony valley land.  
Soil, poor, dry, stony and sandy clay loam, 8 to 14 ins.  
deep on dry, stony clay subsoil.  
Very little grass.  
Timber, scattering palo verde, mesquite and ironwood.

N.0°03' W., bet. secs. 17 and 18.  
Over rolling, sandy and stony valley land, through scattering mesquite, ironwood and palo verde timber and greasewood brush undergrowth, 4 to 6 ft. high.

7.20 Dry sand wash, 20 lks. wide, 3 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  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 18 in W.,  
S 17 in E., and  
1914 in S. half; from which,  
An ironwood, 4 ins. in diam., brs. S. 54 $\frac{1}{2}$ ° E., 30 lks. dist., marked  $\frac{1}{4}$  S 17 B T.  
A palo verde, 6 ins. in diam., brs. S. 21 $\frac{1}{2}$ ° W., 190 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

45.40 Dry ravine, 30 lks. wide, 4 ft. deep, course S. 50° W.  
50.70 Wood road, brs. N. 70° E. and S. 70° W.  
54.30 Dry ravine, 15 lks. wide, 4 ft. deep, course S. 50° W.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 8, 17 and 18, marked on brass cap,  
T 1 S R 9 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; from which,  
An ironwood, 4 ins. in diam., brs. N. 66 $\frac{1}{2}$ ° E., 184 lks. dist., marked T 1 S R 9 E S 8 B T.  
A palo verde, 6 ins. in diam., brs. S. 79 $\frac{1}{2}$ ° E., 111 lks. dist., marked T 1 S R 9 E S 17 B T.  
A palo verde, 6 ins. in diam., brs. S. 3 $\frac{3}{4}$ ° W., 190 lks. dist., marked T 1 S R 9 E S 18 B T.  
A palo verde, 6 ins. in diam., brs. N. 26 $\frac{1}{2}$ ° W., 194 lks. dist., marked T 1 S R 9 E S 7 B T.

Land, rolling, sandy and gravelly valley slopes to the SW.  
Soil, poor, dry, sandy and gravelly clay loam, 6 to 14 ins. deep on stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering palo verde, mesquite and ironwood.

N. 89° 44' E., on a random line, bet. secs. 8 and 17.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.84 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 8, 9, 16 and 17.  
Thence I run,  
S. 89° 45' W., on a true line, bet. secs. 8 and 17.  
Over rolling valley land, slopes to the SW., through mesquite, ironwood and palo verde timber, and greasewood brush undergrowth, 4 ft. high.

16.24 Dry sand wash, 20 lks. wide, 4 ft. deep, course S. 60° W.  
37.24 Road from Mesa, Arizona, to the Carney Mine, brs. N. 20° E. and S. 20° W.  
39.92 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 8 in N., and  
S 17, 1914 in S. half; from which,  
A palo verde, 4 ins. in diam., brs. N. 62° E., 187 lks. dist., marked  $\frac{1}{4}$  S 8 B T.  
A palo verde, 6 ins. in diam., brs. S. 22 $\frac{1}{2}$ ° E., 96 lks. dist., marked  $\frac{1}{4}$  S 17 B T.

## 38. Subdivision of Township 1 South, Range 9 East.

Chains.

53.14 Wood road, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.  
 54.00 Dry ravine, 15 lks. wide, 3 ft. deep, course S.  $40^{\circ}$  W.  
 79.84 The cor. of secs. 7, 8, 17 and 18.  
 Land, rolling, stony valley land, slopes to the SW.  
 Soil, dry, stony clay loam, 6 to 18 ins. deep on stony, dry  
 clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering palo verde, mesquite and ironwood.  
 Note: At this cor. I set off  $17^{\circ} 04'$  N. on the decl. arc;  
 and at apparent noon, observe the sun on the meridian  
 and obtain a reading of  $33^{\circ} 21'$  N. on the lat. arc.

40.00 S.  $89^{\circ} 44'$  W., on a random line, bet. secs. 7 and 18.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.72 Intersect west bdy. of Tp., 8 lks. south of the cor. of  
 secs. 7, 12, 13 and 18, reestablished by me, as described  
 in Book "G."

Thence I run,  
 N.  $89^{\circ} 47'$  E., on a true line, bet. secs. 7 and 18.  
 Over rolling, stony valley land, slopes to the SW.,  
 through scattering palo verde, mesquite and ironwood  
 timber and greasewood brush undergrowth, 4 to 6 ft.  
 high.

12.82 Dry ravine, 15 lks. wide, 4 ft. deep, course S.  $20^{\circ}$  W.  
 31.12 Dry ravine, 30 lks. wide, 5 ft. deep, course S.  $10^{\circ}$  W.  
 40.72 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 7 in N., and  
 S 18, 1914 in S. half; from which,  
 A palo verde, 6 ins. in diam., brs. N.  $60^{\circ}$  E., 173  
 lks. dist., marked  $\frac{1}{4}$  S 7 BT.  
 A palo verde, 8 ins. in diam., brs. S.  $68\frac{1}{2}^{\circ}$  E.,  
 122 lks. dist., marked  $\frac{1}{4}$  S 18 BT.

51.62 Wood road, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.  
 80.72 The cor. of secs. 7, 8, 17 and 18.  
 Land, rolling, stony valley, slopes to the SW.  
 Soil, dry, stony and sandy clay loam, 6 to 14 ins. deep  
 on stony, clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite, ironwood and palo verde.  
 August 5, 1914.

August 6, 1914: At 7h. 06m., a.m., l.m.t., I set off  $33^{\circ}$   
 $21'$  N. on the lat. arc;  $16^{\circ} 52'$  N. on the decl. arc; and  
 determine a meridian with the solar at the cor. of secs.  
 7, 8, 17 and 18.

Thence I run,  
 N.  $0^{\circ} 03'$  W., bet. secs. 7 and 8.  
 Over rolling, stony valley land, slopes to the SW.,  
 through scattering palo verde, mesquite and ironwood  
 timber and dense greasewood brush undergrowth, 4 to  
 6 ft. high.

25.70 Old wood road, brs. N.  $70^{\circ}$  E., and S.  $70^{\circ}$  W.  
 35.30 Dry ravine, 15 lks. wide, 3 ft. deep, course 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 7 in W.,  
 S 8 in E., and  
 1914, in S. half; from which,  
 A mesquite, 6 ins. in diam., brs. S.  $85\frac{3}{4}^{\circ}$  E., 26  
 lks. dist., marked  $\frac{1}{4}$  S 8 BT.  
 A palo verde, 10 ins. in diam., brs. S.  $69\frac{1}{4}^{\circ}$  W.,  
 122 lks. dist., marked  $\frac{1}{4}$  S 7 BT.

41.20 Road from Mesa, Arizona to the Creswell Ranch, brs. N.  
 $80^{\circ}$  E. and S.  $80^{\circ}$  W.



## Subdivision of Township 1 South, Range 9 East, 39

Chains.

- 51.30 Road from Mesa to the Carney Mine, brs. N.70°W. and S.70° E.
- 54.40 Dry ravine, 20 lks. wide, 4 ft. deep, course N.70° W. Ascend gradually over SE. slope.
- 79.30 Dry ravine, 15 lks. wide, 3 ft. deep, course S.50°W.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, marked on brass cap,  
 T 1 S R 9 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; from which,  
 A palo verde, 6 ins. in diam., brs. N.31½°E.,  
 125 lks. dist., marked T 1 S R 9 E S 5 BT.  
 An ironwood, 6 ins. in diam., brs. S.63°E., 67  
 lks. dist., marked T 1 S R 9 E S 8 BT.  
 A mesquite, 10 ins. in diam., brs. S.33½°W., 80  
 lks. dist., marked T 1 S R 9 E S 7 BT.  
 A palo verde, 6 ins. in diam., brs. N.29½°W.;  
 89 lks. dist., marked T 1 S R 9 E S 6 BT.
- Land, rolling, stony and sandy valley land, slopes to the SW.
- Soil, dry, stony clay loam, 14 ins. deep on stony clay subsoil.
- Light growth bunch grass.
- Timber, scattering palo verde, mesquite and ironwood.
- 
- 40.00 N.89° 45'E., on a random line, bet. secs. 5 and 8.  
 Set temp. sec. cor.
- 79.84 Intersect N. and S. line, 8 lks. N. of the cor. of secs. 4, 5, 8 and 9.  
 Thence I run,  
 S.89°48'W., on a true line, bet. secs. 5 and 8.  
 Ascend steep east slope of spur, over mountainous land, through scattering palo verde and mesquite timber and greasewood and cactus undergrowth, 3 to 4 ft. high,  
 Ascend 70 ft. to
- 3.44 Top of spur, brs. N.20°W. and S.20°E. Descend abruptly 50 ft. to
- 17.15 Dry rocky ravine, 10 lks. wide, course S.30°W. Ascend.
- 20.85 Foot of mountain brs. NW. and SE.; leave mountainous land; enter rolling stony valley land, brs. NW. and SE.
- 39.92 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for sec. cor., marked on brass cap,  
 S 5 in N., and  
 S 8, 1914 in S. half; from which,  
 A mesquite, 4 ins. in diam., brs. N.77½°E., 107  
 lks. dist., marked S 5 B T.  
 A palo verde, 14 ins. in diam., brs. S.54½°E.,  
 232 lks. dist., marked S 8 BT.
- 46.34 Old wood road brs. N.40°W. and S.40°E.
- 53.24 Dry ravine, 20 lks. wide, 4 ft. deep, course S.45° W.
- 58.14 Dry ravine, 10 lks. wide, 3 ft. deep, course S.40°W.
- 79.34 Dry ravine, 10 lks. wide, 4 ft. deep, course S.50° W.
- 79.84 The cor. of secs. 5, 6, 7 and 8.  
 East 17 chs. mountainous spurs, steep, covered with large boulders.  
 Soil, light stony loam, 3 to 6 ins. deep on clay and stone subsoil.  
 West 63 chs. rolling stony valley, slopes to the south and southeast.  
 Soil, poor, stony clay loam, about 8 ins. deep on stony, dry clay subsoil. Light growth bunch grass.  
 Timber, scattering palo verde, mesquite and ironwood.
-

40. Subdivision of Township 1 South, Range 9 East.

Chains.

- S.89°47'W., on a random line, bet. secs.6 and 7.  
 40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.60 Intersect west bdy. of Tp.5 lks.south of the cor.of secs. 1,6,7 and 12, reestablished by me, as described in Book "G."  
 Thence I run,  
 N.89°49'E., on a true line, bet. secs. 6 and 7.  
 Over rolling, stony valley land, through palo verde, mesquite and ironwood timber and dense greasewood brush undergrowth, 4 to 6 ft. high.  
 32.70 Road to Phoenix, Arizona, brs.N.20°W. and S.20°E.  
 38.40 Dry ravine, 10 lks.wide, 4 ft. deep, course N.70°W.  
 40.60 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 6 in W., and  
 S 7 1914 in S.half; from which,  
 A mesquite, 5 ins. in diam., brs.N.1°W.,32 lks.dist., marked  $\frac{1}{4}$  S 6 B T.  
 A catclaw, 4 ins. in diam., brs.S.5 $\frac{1}{2}$ °W.,43 lks. dist., marked  $\frac{1}{4}$  S 7 B T.  
 53.10 Dry ravine,10 lks.wide, 4 ft.deep, course S.40° W.  
 80.60 The cor.of secs.5,6,7 and 8.  
 Land, rolling valley, slopes to the SW.  
 Soil, rich sandy loam, with considerable stone.  
 East 15 chs., 4 to 16 ins.deep on dry stone and clay subsoil.  
 Very light growth bunch grass.  
 Timber, scattering palo verde, mesquite and ironwood.
- 
- N.0°03'W., on a true line, bet. secs.5 and 6.  
 Ascend SE. slope, over hilly, stony land, through scattering mesquite, palo verde and ironwood timber, and greasewood brush undergrowth, 3 ft. high.  
 17.00 Top of ridge, brs.NW. and SE. Descend.  
 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 6 in W.,  
 S 5 in E., and  
 1914 in S.half; from which,  
 A palo verde, 4 ins. in diam., brs.N.12°E., 143 lks.dist., marked  $\frac{1}{4}$  S 5 B T.  
 A palo verde, 8 ins. in diam., brs.S.21 $\frac{1}{4}$ °W., 128 lks.dist., marked  $\frac{1}{4}$  S 6 B T.  
 45.60 Dry ravine, 6 lks.wide, course N.70°W. At foot of descent.  
 73.98 Intersect the Gila and Salt River Base line, 11 lks.east of the standard cor. of secs.31 and 32, T.1 N.,R.9 E., reestablished by me, as described in Book "B." At point of intersection, I set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for closing cor.of secs.5 and 6, T.1 S., R.9 E., marked on brass cap,  
 C C S of center,  
 T 1 N, R 9 E, S 31, S 32 in W.,and  
 T 1 S, R 9 E, 1914 in S.half;  
 S 5 in SE., and  
 S 6 in SW.quadrant;  
 no trees within limits; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, south of cor.  
 Pits impracticable.  
 Land, hilly.  
 Soil, poor, dry stony clay loam, 3 to 6 ins. deep on stony, clay subsoil.  
 Light growth, bunch grass.  
 Timber, scattering palo verde, mesquite and ironwood.  
 August 6,1914.
-

Chains.

GENERAL DESCRIPTION.

This township contains every variety of land from level to mountainous, and the soil ranges from sandy clay loam to loose stone. The soil of the level land in the southern part of the township is a medium rich dry sandy loam. The soil of the remainder of the township except the mountainous portion, can nearly all be classed as third rate, is covered with a heavy growth of greasewood brush and cactus, and of little value for agricultural purposes. The soil of the mountainous portion is practically worthless. Irrigation will be necessary over the entire township for the profitable cultivation of the soil.

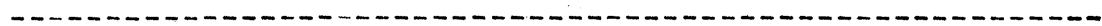
Palo verde, mesquite, and ironwood timber grows over nearly all parts of the township.

Copper ore was found in section 3.

A well near the center of sec.4 furnishes the only water found in the township.

There are two settlers in the township, one in sec.4, and the other in sec.30.

*Audrey E. Blout*  
U. S. Surveyor.



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 South boundary* and survey of the - *Subdivision lines of Township 1 South - Range 9 East of the Gila and Salt River Base and Meridian, in the State of Arizona.*

executed by *Sidney E. Blout, 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 S. Sigall*  
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.~~