

2830

4-679

Book "F"

BOOK 2830

# FIELD NOTES

OF THE ~~SURVEY OF THE~~

*Retracement of the  
West, South & East bdrs. of Ts. 2 & 3 S., R. 8 E.  
and the South boundary of T. 2 S., R. 7 E.*

*Resurvey of the  
West, South & East bdrs. of T. 2 S., R. 8 E.*

*and Survey of the  
Subdivision lines of T. 2 S., R. 8 E.*

Of the *Gila & Salt River Base* Meridian,

In the State of *ARIZONA*

EXECUTED BY

*Sidney E. Blout*

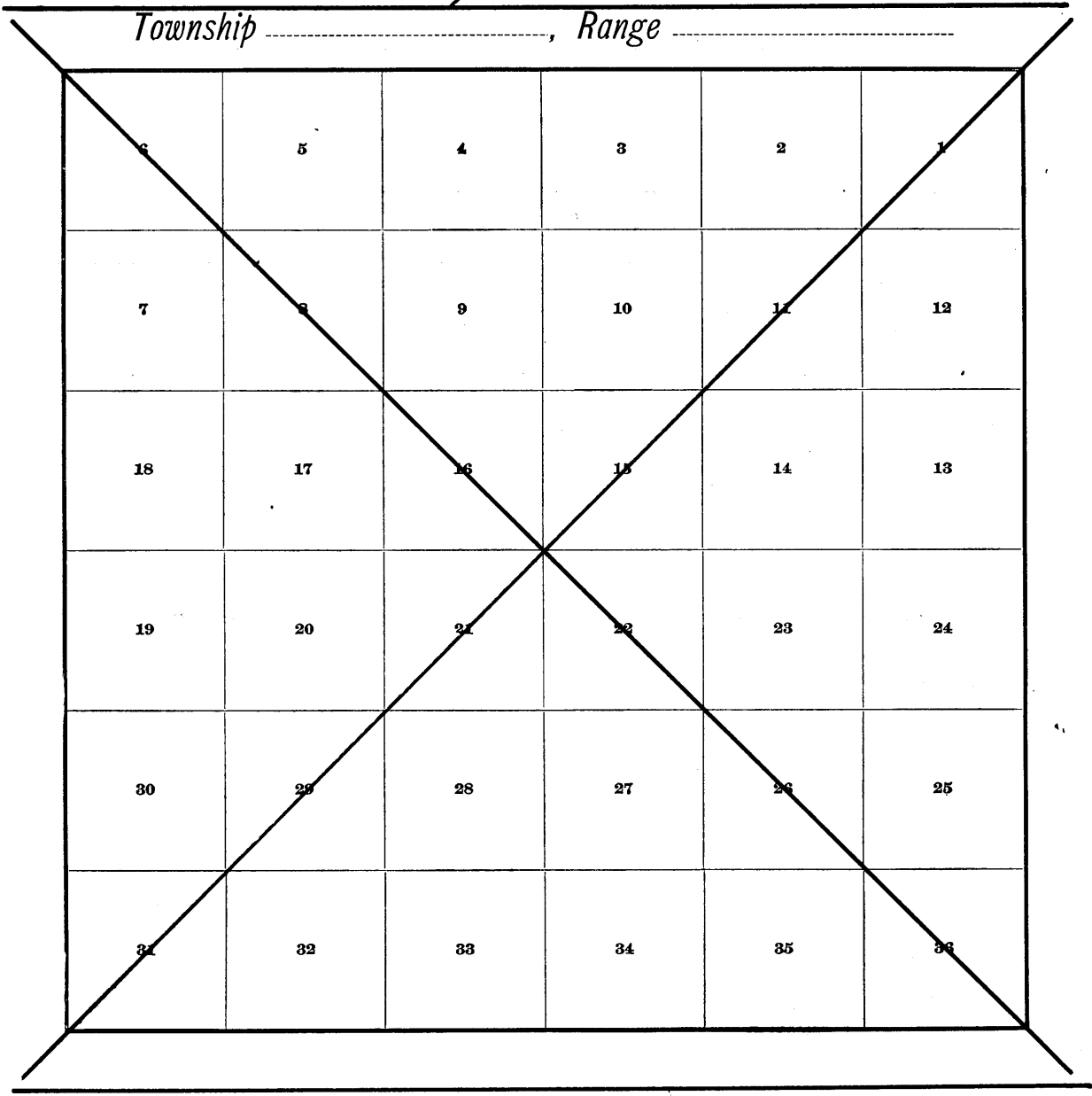
In the capacity of U. S. Surveyor, under instructions dated *October 24, 1913*,  
issued by the United States Surveyor General to govern surveys included in  
Group No. *31*, which were approved by the Commissioner of the General Land  
Office, *November 1*, 1913, pursuant to authority contained in the Act of  
Congress dated *June 23*, 1913

*Retracement, Resurvey  
and Survey commenced* *May 11*, 1914

*Retracement, Resurvey  
and Survey completed* *June 17*, 1914

# INDEX DIAGRAM.

*See Special Index*








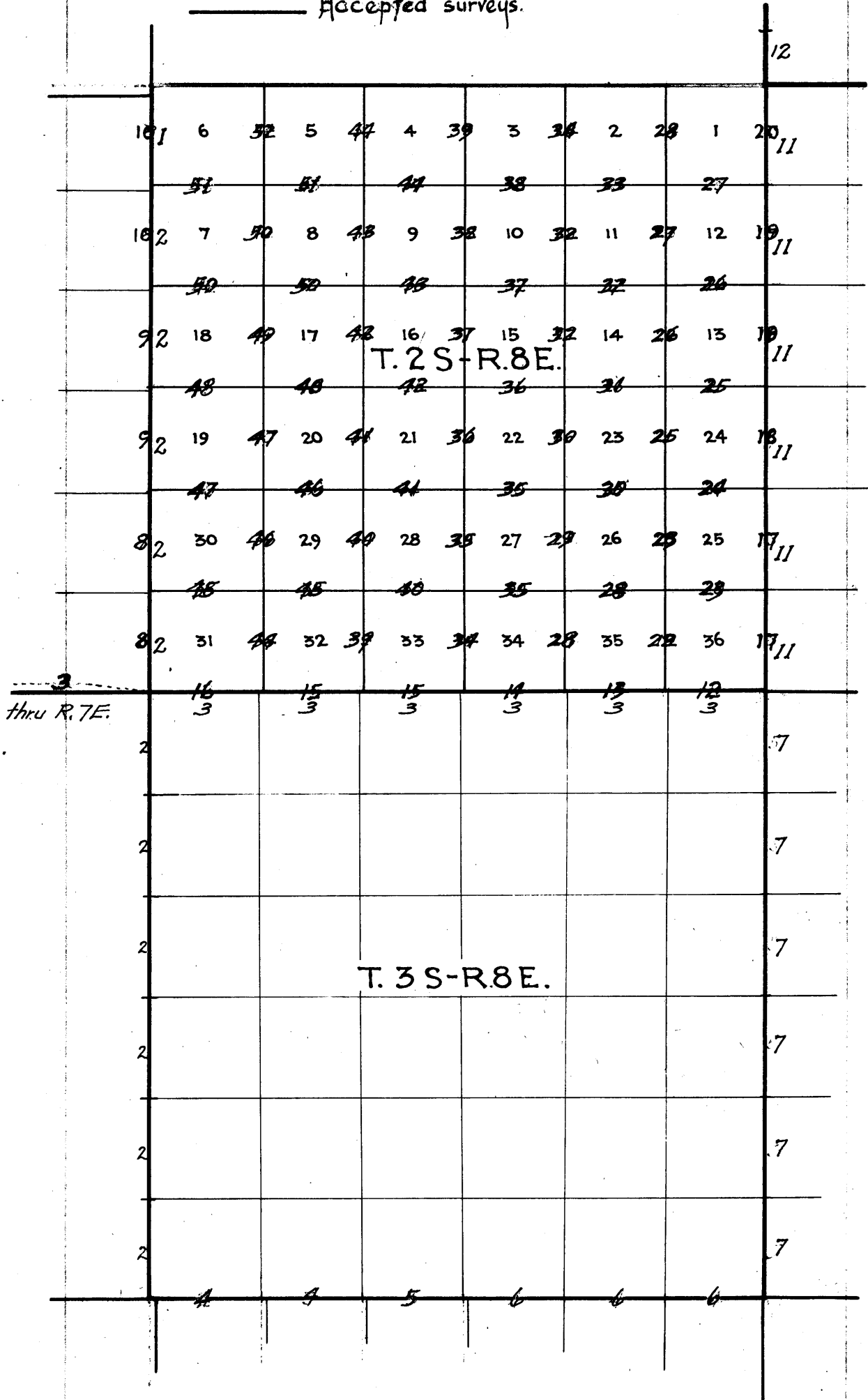
# Book "F"

BOOK 2830

Book No. 2830

## INDEX DIAGRAM

-  Notes in this Book (indexed) Black Figures - Surveys & Resurveys.
-  " " Book "A" Red Figures - Retracements.
-  " " " "G"
-  " " " "H"
-  Accepted surveys.



## Retracement of the Boundaries of Ts. 2 and 3 S., Rs. 7 and 8 E. 1.

Chains.

Retracements, resurveys and surveys described in this book commenced May 11, 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 correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian established by observations on Polaris, I proceed as follows:

At my camp, which is located at the Queen Creek post-office near the  $\frac{1}{4}$  sec. cor., bet. secs. 25 and 36, T. 2 S., R. 7 E.; latitude,  $33^{\circ} 13' N.$ ; longitude,  $111^{\circ} 36' 03'' W.$

At 3h. 56m. p.m., l.m.t., I set off  $33^{\circ} 13' N.$  on the lat. arc;  $17^{\circ} 52' N.$  on the decl. arc; and determine a meridian with the solar, and mark a point thereof by a nail driven in a stake set firmly in the ground, about 5.00 chs. north of my instrument.

At 10h. 11m. p.m., by my watch which is correct local mean time, I observe Polaris at lower culmination, and mark the true meridian thus determined by a nail driven in the stake already set about 5.00 chs. N. of the instrument on which the true meridian falls  $0' 45'' E.$  of the meridian determined by the solar.

May 11, 1914.

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May 12, 1914: At 6h. 57m. a.m., l.m.t., I set off  $33^{\circ} 13' N.$  on the lat. arc;  $18^{\circ} 02' N.$  on the decl. arc, and determine a meridian with the solar, and mark a point thereof by a nail driven in the stake already set about 5.00 chs. N. of my instrument. This point falls  $0' 30'' E.$  of the meridian established by the Polaris observation.

The solar apparatus by p.m. and a.m. observations, defines positions for meridian respectively about  $00\frac{1}{2}'$  west and  $00\frac{1}{2}'$  east of the meridian determined by the Polaris observation. Therefore, I conclude that the instrument is in satisfactory adjustment.

The magnetic bearing of the true meridian at 7 a.m. is  $13^{\circ} 45' W.$ ; the angle thus determined gives the mag. decl.  $13^{\circ} 45' E.$

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

I begin at the cor. of Ts. 1 and 2 S., Rs. 7 and 8 E., which is an iron post 3 ins. in diam., 12 ins. above ground firmly set, marked and witnessed as described by the Surveyor General; latitude  $33^{\circ} 17' 20'' N.$ ; longitude,  $111^{\circ} 35' 15'' W.$

May 12, 1914; At 8h. 27m. a.m., l.m.t., I set off  $33^{\circ} 17\frac{1}{2}' N.$  on the lat. arc;  $18^{\circ} 02\frac{1}{2}' N.$  on the decl. arc; and determine a meridian with the solar at the above described cor.

Thence I run, retracing west boundary of T. 2 S., R. 8 E.  $S. 0^{\circ} 29' E.$ , on a random line, on north half, bet. secs. 1 and 6, as per course given in notes of a retracement of this portion of the line made in 1911, by Fred W. Rudolf, U.S. Surveyor, under instructions for Group No. 12.

39.93 Intersect the original  $\frac{1}{4}$  sec. cor., a mesquite post, 3 ins. square 18 ins. above ground, marks on post very dim, witnessed as described by the Surveyor General.

True course and dist. of north half, bet. secs. 1 and 6 is therefore  $N. 0^{\circ} 29' W.$ , 39.93 chs.

From above described  $\frac{1}{4}$  sec. cor., I run, South, on a random line on S.  $\frac{1}{2}$  bet. secs. 1 and 6.

40.00 Find no trace of original cor. of secs. 1, 6, 7 and 12. Continue line and measurement bet. secs. 7 and 12.

## 2. Retracement of Boundaries of Tps. 2 and 3 S., Rs. 7 and 8 E.

Chains.	
80.00	Find no trace of original $\frac{1}{4}$ sec. cor.
120.00	Find no trace of the cor. of secs. 7, 12, 13 and 18. Continue line and measurement, bet. secs. 13 and 18.
160.00	Find no trace of original $\frac{1}{4}$ sec. cor.
200.00	Find no trace of original cor. of secs. 13, 18, 19 and 24. Continue line and measurement bet. secs. 19 and 24.
240.00	Find no trace of original $\frac{1}{4}$ sec. cor.
280.00	Find no trace of original cor. of secs. 19, 24, 25 and 30. Continue line and measurement bet. secs. 25 and 30.
320.00	Find no trace of original $\frac{1}{4}$ sec. cor.
360.00	Find no trace of original cor. of secs. 25, 30, 31 and 36. Continue line and measurement.
400.00	Find no trace of original $\frac{1}{4}$ sec. cor.
435.88	A point 228 lks. west of a boundary post on county line bet. Maricopa and Pinal Counties, a mesquite post, 5 ins. square, 18 ins. above ground, firmly set, marked "MC. Co." on NW., and "PC. Co." on SE. face, with indistinct remains of mound of earth around post. From this post, the course of line back to the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6 is therefore N. 0° 18' W. Continue line and measurement.
440.00	Find no trace of original cor. of Ts. 2 and 3 S., Rs. 7 and 8 E. after a diligent search. Set temp. Tp. cor. at this point.

May 12, 1914.

## Retracement of West boundary of T. 3 S., R. 8 E.

May 13, 1914:

At temp. cor. of Ts. 2 and 3 S., Rs. 7 and 8 E., at 6h. 56m. a.m., l.m.t., I set off 33° 12' N. on the lat. arc; 18° 17½' N. on the decl. arc, and determine a meridian with the solar.

Thence I run,

S. 0° 08' W. (original course) on random line, bet. secs. 1 and 6.

40.54	Find no trace original $\frac{1}{4}$ sec. cor.
80.54	Find no trace of cor. of secs. 1, 6, 7 and 12. Continue line and measurement bet. secs. 7 and 12.
120.54	Find no trace of original $\frac{1}{4}$ sec. cor.
160.54	Find no trace of original cor. of secs. 7, 12, 13 and 18. Continue line and measurement bet. secs. 13 and 18.
200.54	Find no trace of original $\frac{1}{4}$ sec. cor.
240.54	Find no trace of original cor. of secs. 13, 18, 19 and 24. Continue line and measurement, bet. secs. 19 and 24.
280.54	Find no trace of original $\frac{1}{4}$ sec. cor.
320.54	Find no trace of original cor. of secs. 19, 24, 25 and 30. Continue line and measurement, bet. secs. 25 and 30.
360.54	Find no trace of original $\frac{1}{4}$ sec. cor.
400.54	Find no trace of original cor. of secs. 25, 30, 31 and 36. Continue line and measurement, bet. secs. 31 and 36.
440.54	Find no trace of original $\frac{1}{4}$ sec. cor.
476.60	Intersect the N. bdy. of T 4 S., R. 7 E., at a point 30.89 chs. west of the original cor. of Ts. 3 and 4 S., Rs. 7 and 8 E., changed by U. S. Indian Service to refer to Ts. 3 S., Rs. 7 and 8 E. only. This cor. I find to be a palo verde post, 4 ins. square, 12 ins. above ground, firmly set in mound of earth and stone, marked T 3 S R 7 E S 36 in NW., and R 8 E S 31 on NE. face; from which, A palo verde, 14 ins. in diam., brs. N. 45½° E., 10 lks. dist., marked T III S R VIII E S XXXI B T. An ironwood, 28 ins. in diam., brs. N. 57½° W., 96 lks. dist., marked T III S R VII E S XXXVI B T. The true bearing from this corner to the $\frac{1}{4}$ sec. cor., bet. secs. 1 and 6, of Ts. 2 S., Rs. 7 and 8 E., is therefore N. 1° 51½' W., 917.08 chs. The true bearing to the Boundary Post on county line between Maricopa and Pinal Counties, hereinbefore described, is N. 3° 16' W.

May 13 and 14, 1914.

## Retracement of South bdy. of Township 2 South, Range 8 East. 3.

Chains.

May 15, 1914;

At the temp.cor. of Ts. 2 and 3 S., Rs.7 and 8 E. at 1h. 27m. p.m., l.m.t., I set off  $33^{\circ}12'N.$  on the lat.arc;  $18^{\circ}50'N.$  on the decl.arc, and determine a meridian with the solar.

Thence I run,

S.  $89^{\circ}45'E.$ , (original course) on a random line, bet. secs.6 and 31.

38.18 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 78.18 Find no trace of original cor. of secs.5,6,31 and 32.  
 Continue line and measurement, bet. secs.5 and 32.  
 118.18 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 158.18 Find no trace of original cor. of secs.4,5,32 and 33.  
 Continue line and measurement, bet. secs.4 and 33.  
 198.18 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 238.18 Find no trace of original cor. of secs.3,4, 33 and 34.  
 Continue line and measurement bet. secs.3 and 34.  
 278.18 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 318.18 Find no trace of original cor. of secs.2,3,34 and 35.  
 Continue line and measurement, bet. secs.2 and 35.  
 358.18 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 398.18 Find no trace of original cor. of secs.1,2,35 and 36.  
 Continue line and measurement between secs.1 and 36.  
 438.18 Find no trace of original  $\frac{1}{4}$  sec. or.  
 500.64 Fall 7.75 chs. south of the original cor. of Ts.2 and 3 S., Rs.8 and 9 E., a mesquite post, 4 ins. square, 36 ins. long, badly decayed, marked with 6 notches on each edge, other marks nearly obliterated. Trace of pits and mound of earth around post.  
 The true course back to temp.cor. of Ts.2 and 3 S., Rs.7 and 8 E. is therefore S.  $89^{\circ}22'W.$   
 The true course back to the County Boundary Post, hereinbefore described is S.  $89^{\circ}50'W.$  May 15, 16, & 20, 1914.

## Retracement of South bdy. of Township 2 S., R.7 East.

May 18, 1914:

At the temp.cor. of Ts.2 and 3 S., Rs.7 and 8 E. at 10h. 15m. a.m., l.m.t., I set off  $33^{\circ}12'N.$  on the lat.arc;  $19^{\circ}29'N.$  on the decl.arc, and determine a meridian with the solar.

Thence I run,

West (original course) on a random line, bet. secs.1 and 36.

40.00 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 80.00 Find no trace of original cor. of secs.1,2,35 and 36.  
 Continue line and measurement bet. secs.2 and 35.  
 120.00 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 160.00 Find no trace of original cor. of secs.2,3,34 and 35.  
 Continue line and measurement bet. secs. 3 and 34.  
 200.00 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 240.00 Find no trace of original cor. of secs.3,4,33 and 34.  
 Continue line and measurement bet. secs.4 and 33.  
 280.00 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 320.00 Find no trace of original cor. of secs. 4,5,32 and 33.  
 Continue line and measurement bet. secs.5 and 32.  
 360.00 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 400.00 Find no trace of original cor. of secs. 5,6,31 and 32.  
 Continue line and measurement bet. secs.6 and 31.  
 440.00 Find no trace of original  $\frac{1}{4}$  sec.cor.  
 476.27 Fall 6 lks. north of the NE. cor. of T.3 S., R.6 E., established by the U.S. Indian Service in connection with surveys of the Gila River Indian Reservation, which is an iron post 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,

## 4. Retracement of South bdy. of Township 2 South Range 2 E.

Chains.

P L in N.,  
G R I R in E. and  
1911 in S. half;  
T 3 S R 6 E S 1 in SW. quadrant;

The true course and dist. of line back to temp. cor. of Ts.  
2 and 3 S., Rs. 7 and 8 E. is therefore east, 476.27  
chs.

The true course and dist. back to the original cor. of Ts.  
2 and 3 S., Rs. 8 and 9 E. hereinbefore described,  
through Rs. 7 and 8 E. is N. 89° 40' E., 976.91 chs.

The true course and dist. back to County Boundary Post,  
hereinbefore described is N. 89° 30' E., 478.55 chs.  
May 18, 1914.

## Retracement of South bdy. of Township 3 South, Range 8 E.

May 19, 1914. At the original cor. of Ts. 3 and 4 S., Rs.  
7 and 8 E., changed by U.S. Indian Service to a cor.  
of Ts. 3 S., Rs. 7 and 8 E., hereinbefore described,  
I set off 33° 07' N. on the lat. arc; 19° 41' N. on the  
decl. arc, and at 6h. 57m. a.m., l.m.t., determine a  
meridian with the solar.

Thence I run,

2.64 East, on a random line on south bdy. of sec. 31.  
Intersect cor. of Ts. 4 S., Rs. 7 and 8 E., an iron post,  
3 ins. indiam., 14 ins. above ground, firmly set,  
marked on brass cap,

P L in N.,  
G R I R, 1911 in S. half;  
S 6 R 8 E in SE., and

S 1, T 4 S R 7 E in SW. quadrant; with  
mound of stone 2 ft. base, 1½ ft. high, south of cor.  
Continue line and measurement.

38.34 Fall 9 lks. south of the original ¼ sec. cor. to sec. 31,  
which is a palo verde post 3 ins. sq., 12 ins. above  
ground, loosely set, marked ¼ S on N. face; from which  
A palo verde, 3 ins. in diam., brs. S. 32° E., 74  
lks. dist., marked ¼ S B T.  
A palo verde, 4 ins. in diam., brs. S. 69° W., 53  
lks. dist., marked ¼ S B T.

4.26 True course and dist. of west half of S. bdy. of sec. 31  
is therefore N. 89° 52' E., 38.34 chs. From above described  
¼ sec. cor. I run E. on random line on E. of S. bdy. of sec. 31.  
Intersect ¼ sec. cor. to sec. 6, T. 4 S., R. 8 E., which is  
an iron post 1 in. indiam., 12 ins. above ground,  
firmly set, marked on brass cap,

¼ S 6 G R I R, 1911 in S. half;  
with a mound of stone 2 ft. base, 1½ ft. high, S. of cor.  
Continue line and measurement

40.07 Fall 9 lks. S. of the old cor. of secs. 31 and 32, which  
is a palo verde post 4 ins. sq., 12 ins. above ground,  
loosely set, marked

T 3 S R 31 on NW., and  
R 8 E S 32 on NE. faces.

The old bearing trees have died and fallen down.

True course and dist. of east half of S. bdy. of sec. 31,  
is therefore N. 89° 52' E., 40.07 chs.

4.17 East, on a random line on south bdy. of sec. 32.  
Fall 1 link south of cor. of secs. 5 and 6, T. 4 S. R. 8 E.,  
which is a 1 in. iron post, 14 ins. above ground,  
loosely set, marked on brass cap,

P L in N., and  
G R I R, 1911 in S. half;

Retracement of the South bdy. of Tp. 3 South Range 8 East. 5.  
Chains.

- R 8 E S 5 in SE., and  
T 4 S, S 6 in SW. quadrant; with a  
mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, south of cor.  
Continue line and measurement,
- 40.07 Fall 9 lks. south of the  $\frac{1}{4}$  sec. cor. for sec. 32, which is  
a palo verde post 5 ins. in diam., 10 ins. above ground  
firmly set, marked  $\frac{1}{4}$  S 32 on N. face; from which,  
A palo verde 3 ins. in diam., brs. north, 35 lks.  
dist.; marked  $\frac{1}{4}$  S 32 B T.  
True course and dist. of west half of south bdy. of sec.  
32 is therefore N.  $89^{\circ} 52'$  E., 40.07 chs.  
From above described  $\frac{1}{4}$  sec. cor., I run,  
East on a random line on east half of south bdy. of sec.  
32.
- 4.04 Intersect  $\frac{1}{4}$  sec. cor. to sec. 5, T. 4 S., R. 8 E., which is a  
1-in. iron post, 12 ins. above ground, firmly set,  
marked on brass cap,  
 $\frac{1}{4}$  S 5 G R I R, 1911 in S. half;  
with a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, south  
of cor.  
Continue line and measurement.
- 39.86 Fall 1 link south of the original cor. of secs. 32 and 33,  
which is a palo verde post, 3 ins. sq., greatly de-  
cayed, lying on a mound of stone, marks on post too  
dim to read.  
A palo verde, 4 ins. in diam., brs. N.  $4^{\circ} W.$ , 7  
lks. dist., marked T 3 S R 8 E S 32 B T.  
A palo verde, 3 ins. in diam., brs. N.  $81^{\circ} W.$ , 56  
lks. dist., marks almost decayed away.  
A palo verde 4 ins. in diam., brs. S.  $81^{\circ} E.$ , 35  
lks. dist., marked T 4 S, R 8 E.  
Other marks too dim to read.  
The other trees described as a bearing tree can not  
be found.  
True course and dist. of east half of south bdy. of sec.  
32 is therefore N.  $89^{\circ} 59'$  E., 39.86 chs.
- 
- East, on a random line on south bdy. of sec. 33.
- 4.02 Intersect cor. of secs. 4 and 5, T. 4 S., R. 8 E., which  
is an iron post 1 in. in diam., 14 ins. above  
ground, firmly set, marked on brass cap,  
G R I R, 1911 in S. half;  
R 8 E, S 4 in SE. and  
T 4 S S 5 in SW. quadrant;  
with a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, south  
of cor.  
Continue line and measurement.
- 40.03 Fall 8 lks. south of the original  $\frac{1}{4}$  sec. cor. to sec. 33,  
which is a mesquite post 3 ins. sq., 12 ins. above  
ground, firmly set, marked  
 $\frac{1}{4}$  S 33 in N. face; from which,  
A mesquite 4 ins. in diam., brs. N.  $13\frac{3}{4}^{\circ} E.$ , 239  
lks. dist., marked  $\frac{1}{4}$  S 33 B T.  
A mesquite 4 ins. in diam., brs. N.  $4\frac{1}{2}^{\circ} E.$ , 213  
lks. dist., marked  $\frac{1}{4}$  S B T.  
True course and dist. of west half of S. bdy. of sec. 33  
is therefore N.  $89^{\circ} 53'$  E., 40.03 chs.  
From above described  $\frac{1}{4}$  sec. cor., I run,  
East on a random line on E. half of S. bdy. of sec. 33.
- 4.02 Fall 1 link S. of  $\frac{1}{4}$  sec. cor. to sec. 4, of T. 4 S., R. 8 E.,  
which is an iron post 1 in. in diam., 12 ins. above  
ground, firmly set, marked on brass cap,  
 $\frac{1}{4}$  S 4 G R I R, 1911 in S. half;  
Continue line and measurement.
- 40.08 Fall 1 link north of the original cor. of secs. 33 and 34,  
which is a mesquite post 2 ins. sq., 12 ins. above  
ground, marked R 8 E S 34 in NE., and  
T 3 S S 33 in NW. faces;



## 6. Retracement of the S. bdy. of Township 3 South, Range 8 E.

Chains

No corner accessories.

True course and dist. of east half of S. bdy. of sec. 33 is therefore, S. 89° 59' E., 40.08 chs.

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3.96

East, on a random line on south bdy. of sec. 34.

Intersect cor. of secs. 3 and 4, T. 4 S., R. 8 E., which is an iron post 1 in. in diam., 12 ins. above ground, firmly set, marked on brass cap,

G R I R, 1911 in S. half;

S 3, R 8 E in SE., and

T 4 S, S 4 in SW. quadrant;

with two pits and mound of earth south of cor.

Continue line and measurement.

39.96

Fall 9 lks. south of an iron post, 3 ins. in diam., 12 ins. above ground firmly set, marked on brass cap,

P L in N.,

1911 in S. half;

T 4 S R 8 E S 3, G R I R in SW. quadrant;

Remains of pits and mound.

Note: At this point I set off 19° 43' N. on the decl. arc; and at apparent noon observe the sun on the meridian, and obtain a reading of 33° 07' N. on the lat. arc.

Continue line and measurement.

40.00

No trace of the orig.  $\frac{1}{4}$  sec. cor. bet, secs. 3 and 34 can be found.

80.08

Fall 17 lks. N. of the original cor. of secs. 2, 3, 34 and 35, which is a mesquite post, 4 ins. sq., 14 ins. above ground, firmly set, marked,

T III S, R VIII E on NE., and

T IV S, R VIII E on SE. faces; other mark-

ings on post too dim to read,

Remains of mound of earth.

True course and dist. of south bdy. of sec. 34 is therefore S. 89° 53' E., 80.08 chs.

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40.00

East, on a random line on S. bdy. of sec. 35.

No trace of the original  $\frac{1}{4}$  sec. cor. can be found after a diligent search.

80.04

Fall 14 lks. S. of the remains of the original cor. of secs. 1, 2, 35 and 36, which is a mesquite post 3 ins. square, 18 ins. long, lying on remains of mound of earth. Trace of two pits.

True course and dist. of south bdy. of sec. 35 is therefore N. 89° 54' E., 80.04 chs.

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40.00

East, on a random line, on south bdy. of sec. 36.

Fall 18 lks. N. of the original  $\frac{1}{4}$  sec. cor., which is a mesquite stake 2 ins. sq., 18 ins. long, lying on top of small mound of earth; trace of two pits.

True course and dist. of west half of S. bdy. of sec. 36 is therefore S. 89° 45' E., 40.00 chs.

From above described  $\frac{1}{4}$  sec. cor., I run,

40.00

East, on a random line, on east half of S. bdy. of sec. 36. I make a diligent search for the original cor. of Ts. 3 and 4 S., Rs. 8 and 9 E., which I fail to find.

Set temp. cor. of Ts. 3 and 4 S., Rs. 8 and 9 E., at this point.

May 19, 1914.

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Retracement of the East bdy. of Township 3 South, Range 8 E. 7.

Chains  
 39.94  
 79.88  
 119.93  
 159.98  
 200.16  
 240.34  
 280.41  
 320.48  
 360.43  
 400.38  
 440.33  
 481.70

May 20, 1914: At 8h.57m. a.m., l.m.t., I set off 33°07' N. on the lat. arc; 19° 54½' N. on the decl. arc, and determine a meridian with the solar at the temp. cor. of Ts. 3 and 4 S., Rs. 8 and 9 E., which I set last evening.

Thence I run,  
 N. 0°4' W., on a random line, bet. secs. 31 and 36.  
 Find no trace of ¼ sec. cor.  
 Find no trace of cor. of secs. 25, 30, 31 and 36.  
 From this point, I run, continuing measurement,  
 N. 0°3' W., on a random line, bet. secs. 25 and 30.  
 Find no trace of ¼ sec. cor.  
 Find no trace of cor. of secs. 19, 24, 25 and 30.  
 From this point, I run, continuing measurement,  
 N. 0°13' W. on random line, bet. secs. 19 and 24.  
 Find no trace of ¼ sec. cor.  
 Find no trace of cor. of secs. 13, 18, 19 and 24.  
 From this point, I run, continuing measurement,  
 North, on a random line, bet. secs. 13 and 18.  
 Find no trace of ¼ sec. cor.  
 Find no trace of cor. of secs. 7, 12, 13 and 18.  
 From this point, I run, continuing measurement,  
 N. 0°4' W., on a random line, bet. secs. 7 and 12.  
 Find no trace of ¼ sec. cor.  
 Find no trace of cor. of secs. 1, 6, 7 and 12.  
 Continue line and measurement, bet. secs. 1 and 6.  
 Find no trace of ¼ sec. cor.  
 Fall 6.40 chs. E. of the original cor. of Rs. 2 and 3 S., Rs. 8 and 9 E., hereinbefore described.  
 True course and dist. of line back to temp. cor. of Ts. 3 and 4 S., Rs. 8 and 9 E. is therefore, S. 0° 50' E., 481.75 chs.

May 20, 1914.

From the results of the foregoing retracements, I obtain the theoretical point for reestablishment of the cor. of Ts. 2 and 3 S., Rs. 7 and 8 E., at 1.15 chs. south and 10.02 chs. east of the County Boundary Post hereinbefore described, but as the existing original corners in each direction are so far distant as to make this manner of reestablishment unreliable, and finding that lines have been brushed out in each direction, N., S., E. and W. from the County Boundary Post as an initial point by private surveyors, and being informed that this post was established only a short time subsequent to the date of establishment of the cor. of Ts. 2 and 3 S., Rs. 7 and 8 E., presumably at a time when the Tp. corner could be found, and as said County Boundary Post does not appear to have since been disturbed; therefore, I accept the present location of the County Boundary Post as the most practicable point for the reestablishment of the Tp. cor., and alongside the post I reestablished the Tp. cor. as follows:

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 2 and 3 S., Rs. 7 and 8 E., marked on brass cap,

- T 2 S in N.,
- R 8 E in E.,
- T 3 S 1914 in S., and
- R 7 E in W. half;
- S 36 in NW.,
- S 31 in NE.,
- S 6 in SE. and
- S 1 in SW. quadrant;

dig pits 24x24x12 ins. on each line, N., E. and W. 4 ft., and S. of post 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, south of cor.

## 8. Resurvey of West boundary of Township 2 South Range 8 E.

Chains.

- Thence I resurvey the west boundary of T.2 S., R.8 E., reestablishing sec. and  $\frac{1}{4}$  sec. cors. referring to T.2 S., R.7 E. only at distances proportional to the distances shown on the original plat to the original  $\frac{1}{4}$  sec. cor., bet. secs. 1 and 6, on the west as follows:
- May 28, 1914: At 8h. 27m. a.m., l.m.t., I set off  $33^{\circ}12'$  N. on the lat. arc;  $21^{\circ}24'$  N. on the decl. arc, and determine a meridian with the solar at the above described township cor.
- Thence I run,  
N.  $0^{\circ}18'W.$ , on a true line on east bdy. of sec. 36, T.2 S., R.7 E.
- Over nearly level sandy valley land, drains to the SW., through greasewood brush undergrowth 4 ft. high.
- 39.625 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 36, marked on brass cap,  
 $\frac{1}{4}$  S 36 in W., 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.
- 73.54 Road to Queen Creek Postoffice and store, brs. N.  $39^{\circ}W.$ , and S.  $39^{\circ}E.$
- 73.88 Telegraph line brs. N.  $39\frac{1}{2}^{\circ}W.$  and S.  $39\frac{1}{2}^{\circ}E.$
- 74.69 Center of the Arizona Eastern Ry. track brs. N.  $39\frac{1}{2}^{\circ}W.$  and S.  $39\frac{1}{2}^{\circ}E.$
- 77.59 Road from the Bowen Ranch to the Queen Creek Postoffice and store, brs. NW. and SE.
- 79.25 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 25 and 36, marked on brass cap,  
T 2 S in N.,  
R 8 E S 30, S 31 in E., and  
1914 in S. half;  
S 25 in NW., and  
R 7 E, S 36 in SW. quadrant;  
dig pits 24x24x12 ins. NW. and SW. of post 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.
- Land, nearly level valley, drains to the SW.  
Soil, rich fine dry sandy loam, about 12 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
No timber.
- 
- N.  $0^{\circ}18'W.$ , on a true line on east bdy. of sec. 25, T.2 S., R.7 E.
- Over nearly level sandy valley land, drains to the SW., through greasewood brush undergrowth 4 ft. high.
- 27.80 Road to the Queen Creek store, brs. NE. and SW.
- 39.625 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. to secs. 25, marked on brass cap,  
 $\frac{1}{4}$  S 25 in W., 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.
- 61.80 Channel of Queen Creek (dry) 45 lks. wide, course N.  $80^{\circ}W.$
- 70.80 Channel of Queen Creek (dry) 30 lks. wide, 4 ft. deep, course west.
- 78.80 Channel of Queen Creek (dry) 25 lks. wide, 4 ft. deep, course west; thence over loose sand.
- 79.25 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 24 and 25, marked on brass cap,

Resurvey of the West boundary of Township 2 South Range 8 E. 9.

Chains.

T 2 S in N.,  
R 8 E S 19, S 30 in E.,  
1914 in S. half;  
S 24 in NW., and  
R 7 E, S 25 in SW. quadrant;

dig pits 24x24x12 ins. NW. and SW. of post, 6 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high, west  
of cor.

Land, rolling valley, drains to the west.  
Soil, medium rich, fine dry sandy loam about 18 ins. deep,  
ondry clay and sand subsoil.  
No timber.

N.0°18'W., on a true line, on east bdy. of sec.24, T.2 S.,  
R.7 E.

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

28.75 Ranch road bfs. NW. and SE.

33.20 Wire fence brs.E.and W.

39.625 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
the ground, for reestablished  $\frac{1}{4}$  sec.cor. to sec.24,  
marked on brass cap,

$\frac{1}{4}$  S 24 in W., and  
1914 in S. half;

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

56.94 Wire fence, brs.E.and W.

58.94 Old road, brs.E.and W.

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

T 2 S in N.,  
R 8 E, S 18, S 19 in E.,and  
1914 in S. half;  
S 13 in NW., and  
R 7 E, S 24 in SW. quadrant;

dig pits 24x24x12 ins. NW. and SW.of post, 6 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft.high, west  
of cor.

Land, rolling valley, drains to the SW.  
Soil, medium rich dry, sandy clay loam about 14 ins.deep  
on dry clay subsoil.

No timber.  
Light growth bunch grass.

N.0°18'W., on a true line, on east bdy of sec.13, T.2 S.,  
R.7 E.

Over rolling, sandy valley land, drains to the SW.,  
through greasewood brush undergrowth, 3 to 5 ft.high.

5.55 Road to ranch house brs.NE. and SW.

39.625 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
the ground for reestablished  $\frac{1}{4}$  sec.cor. to sec.13,  
marked on brass cap,

$\frac{1}{4}$  S 13 in W., 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.

42.05 Road to deserted ranch house, brs.NE. and SW.

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

57.70 Wire fence brs.E.5.00 chs. and W.35.00 chs.

## 10. Reurvey of the West boundary of Township 2 South, Range 8 E.

Chains.

- 60.15 M. E. Suver's house brs. east 2.00 chs. dist. Well brs. east 1.00 chain dist.
- 77.60 Wire fence brs. E. 5.00 chs., and W. 35.00 chs.; leave cultivated land, brs. E. and W.
- 78.21 Road to Higley, Arizona, brs. E. and W.
- 79.25 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 12 and 13, marked on brass cap,  
 T 2 S in N.,  
 R 8 E, S 7, S 18 in E., and  
 1914 in S. half;  
 S 12 in NW., and  
 R 7 E S 13 in SW. quadrant;  
 dig pits 24x24x12 ins. NW. and SW. of post 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.  
 Land, rolling valley, drains to the west.  
 Soil, rich fine dry sandy loam, about 18 ins. deep on dry clay subsoil.  
 No timber.  
Note: At this corner I set off  $21^{\circ}25\frac{1}{2}'$  N. on the decl. arc; and at apparent noon, observe the sun on the meridian, the resulting latitude being  $33^{\circ}15\frac{1}{2}'$  N.
- 
- N.  $0^{\circ}18'$  W., on a true line, on east bdy. of sec. 12, T. 2 S. R. 7 E.  
 Over rolling valley land, drains to the west, through greasewood brush undergrowth, 3 to 5 ft. high.
- 34.00 Enter mesquite timber, brs. E. and W.
- 39.625 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., to sec. 12, marked on brass cap,  
 $\frac{1}{4}$  S 12 in W., 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.  
 No trees suitable for bearing trees within limits.
- 50.00 Leave timber, brs. E. and W.
- 52.00 Swale, course west.
- 79.25 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 1 and 12, marked on brass cap,  
 T 2 S in N.,  
 R 8 E S 6, S 7 in E., and  
 1914 in S. half;  
 S 1 in NW., and  
 R 7 E, S 12 in SW. quadrant;  
 dig pits 24x24x12 ins. NW. and SW. of post, 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.  
 Land, rolling valley, drains to the west.  
 Soil, light dry sandy clay loam, about 12 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, mesquite.
- 
- N.  $0^{\circ}18'$  W., on a true line on south half of E. bdy. of sec. 1, T. 2 S., R. 7 E.  
 Over rolling sandy valley land, drains to the SW., through greasewood brush undergrowth, 4 ft. high.
- 10.00 Old road, brs. NW. and SE.
- 39.63 Intersect the  $\frac{1}{4}$  sec. cor. hereinbefore described. This

Resurvey of the West boundary of Township 2 S., R. 8 East. 11.  
Chains.

corner being in a state of dilapidation, I reestablish it as follows: I remove the old post, and in the same place set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the  $\frac{1}{4}$  sec. cor., sec. 1, marked on brass cap,

$\frac{1}{4}$  S 1 in W., 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. The new pits sufficiently obliterate the old ones.

Land, rolling, almost level, drains to the west and southwest; soil, medium rich dry sandy clay loam, about 12 ins. deep on dry clay subsoil.

Light growth bunch grass.  
No timber.

May 28, 1914.

Retracement of East bdy. of Township 2 South, Range 8 East.

Retracement commenced May 29, 1914, at the original cor. of Ts. 2 and 3 S., Rs. 8 and 9 E., hereinbefore described.

Thence I run, as per notes of resurvey of this line N.  $0^{\circ}03'$  E., on a random line, bet. secs. 31 and 36.

40.05  
80.10  
120.15  
160.20  
200.30

Find no trace of  $\frac{1}{4}$  sec. cor.  
Find no trace of cor. of secs. 25, 30, 31 and 36.  
Continue line and measurement bet. secs. 25 and 30.

Find no trace of  $\frac{1}{4}$  sec. cor.  
Find no trace of cor. of secs. 19, 24, 25 and 30.  
Continue line and measurement bet. secs. 19 and 24.

Fall 165 lks. E. of  $\frac{1}{4}$  sec. cor., an ironwood post  $3\frac{1}{2}$  ins. square, 2 ft. long, marks almost obliterated, lying on remains of mound of earth, midway between two pits.

This corner was described in the resurvey notes as being a lava stone, with a mound of stone alongside.  
True course and dist. of line east of secs. 36, 25 and S. half of 24 is therefore N  $0^{\circ}25'$  W., 200.30 chs.

From above described  $\frac{1}{4}$  sec. cor., I run, N.  $0^{\circ}03'$  E., on a random line, on north half, bet. secs. 19 and 24.

40.05  
80.10  
120.15  
160.20  
199.88

Find no trace of cor. of secs. 13, 18, 19 and 24.  
Continue line and measurement, bet. secs. 13 and 18.  
Find no trace of  $\frac{1}{4}$  sec. cor.  
Find no trace of cor. of secs. 7, 12, 13 and 18.  
Continue line and measurement, bet. secs. 7 and 12.

Find no trace of  $\frac{1}{4}$  sec. cor.  
Fall 5.29 chs. east of the cor. of secs. 1, 6, 7 and 12, a mesquite post 3 ins. square, 12 ins. above ground, marks almost obliterated; no trace of pits or mound.  
True course and dist. of line, E. of N. half of sec. 24, and east of secs. 13 and 12 is therefore, N.  $1^{\circ}28'$  W., 199.95 chs.

From the above described cor. of secs. 1, 6, 7 and 12, I run, N.  $0^{\circ}03'$  E., on a random line, bet. secs. 1 and 6.

## 12. Retracement of East bdy. of Township 2 South, Range 8 East.

## Chains.

40.05 Find no trace of  $\frac{1}{4}$  sec. cor.  
 80.10 Find no trace of cor. of Ts. 1 and 2 S., Rs. 8 and 9 E.  
 Continue line and measurement,  
 119.36 Fall 336 lks. E. of  $\frac{1}{4}$  sec. cor., bet. secs. 31 and 36, Ts. 1 S., Rs. 8 and 9 E., a mesquite stake  $1\frac{1}{2}$  fms sq., 24 ins. long, marks almost obliterated; stake is broken off and lying on ground, but portion still remains in original position in ground.  
 True course and dist. of line from corner of secs. 1, 6, 7 and 12, T. 2 S., R. 8 E. to this corner is therefore N.  $1^{\circ} 35' W.$ , 119.40 chs.  
 This boundary being defective in alinement and position, and the Tp. on the east having been subdivided, I resurvey the line, preserving the alinement, and as the distances are within limits, I reestablish the missing cors. at distances proportional to the original distances, and mark them to refer to secs. in Ts. E. and W. of the line, and reestablish the existing old cors. in their original positions, preserving their original designation, and reestablish the lost cor. of Ts. 1 and 2 S., Rs. 8 and 9 E. at 480.00 chs. north of the cor. of Ts. 2 and 3 S., Rs. 8 and 9 E., minus the northing of the south bdy. of Tp. 2 S., R. 8 E. south of sec. 36, as described hereafter in my notes describing the Resurvey of the East bdy. of T. 2 S., R. 8 E.

May 29, 1914.

## Resurvey of the South bdy. of Township 2 South, Range 8 E.

Resurvey commenced June 1, 1914, at the original cor. of Ts. 2 and 3 S., Rs. 8 and 9 E., hereinbefore described; latitude,  $33^{\circ} 12' 06'' N.$ ; longitude,  $111^{\circ} 29' 10'' W.$

After retracing the west, south and east boundaries of T. 2 S., R. 8 E., as hereinbefore described, I find the establishment of a Sectional Guide Meridian necessary in order to properly initiate the survey of the subdivision lines in this township; therefore, I resurvey the south bdy. of this township, reestablishing  $\frac{1}{4}$  sec. and sec. cors. referring to T. 2 S., R. 8 E. only at distances proportional to distances shown on the original plat, on a true line bet. the reestablished southeast and southwest corners of T. 2 S., R. 8 E., and at 40.00 chs. plus the easting of the east boundary I reestablish  $\frac{1}{4}$  sec. cor. to sec. 36, T. 2 S., R. 8 E., and at 80.00 chs. plus the easting of the east boundary reestablish the corner of secs. 35 and 36, T. 2 S., R. 8 E., which is the initial point of the Sectional Guide Meridian; thence at regular intervals of 40.00 chs. along the remainder of this line I reestablish  $\frac{1}{4}$  sec. and sec. cors. referring to T. 2 S., R. 8 E., as follows:

The old cor. of Ts. 2 and 3 S., Rs. 8 and 9 E., being a post greatly decayed with marks almost obliterated, I destroy all evidence of the old cor., and reestablish it in the same place as follows:

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 2 and 3 S., Rs. 8 and 9 E., marked on brass cap,

T 2 S in N.,

R 9 E in E.,

T 3 S, 1914 in S., and

R 8 E in W. half;

S 36, in NW.,

Resurvey of the South bdy. of Township 2 South, Range 8 E. 13.

Chains.

S 31 in NE.  
S 6 in SE., and  
S 1 in SW. quadrant;

dig pits 24x24x12 ins., N., E. and W. of post 4 ft., and  
S. of post 8 ft. dist., and raise a mound of earth 5  
ft. base, 2 1/2 ft. high, south of cor.

A mesquite 8 ins. in diam., brs. N. 12 1/2° W., 208  
lks. dist., marked T 2 S R 8 E S 36 BT.

No other trees available.

June 1, 1914: At 7h. 28m., a.m., l.m.t., I set off 33°  
12' N., on the lat. arc; 22° 00 1/2' N. on the decl. arc,  
and determine a meridian with the solar at the above  
described township cor.

Thence I run,  
S. 89° 50' W., on a true line on south bdy. of sec. 36.  
Over nearly level sandy and gravelly land, drains to the  
SW., through greasewood brush undergrowth 4 to 6 ft.  
high.

41.69 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for reestablished 1/4 sec. cor., to sec. 1,  
T. 3 S., R. 8 E., marked on brass cap,  
1/4 S 1 1914 in S. half;

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

48.78 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for reestablished 1/4 sec. cor. to sec. 36,  
marked on brass cap,

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

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

83.38 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground for reestablished cor. of secs. 1 and 2, T.  
3 S., R. 8 E., marked on brass cap,

T 2 S, S 35, S 36 in N.,  
T 3 S, 1914 in S., and  
R 8 E in W. half;  
S 1 in SE., and  
S 2 in SW. quadrant;

dig pits 24x24x12 ins, SE. and SW. of post 6 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high, S.  
of cor.

88.78 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground for reestablished cor. of secs. 35 and 36,  
T. 2 S., R. 8 E. and initial point of Sectional Guide  
Meridian, marked on brass cap,

T 2 S in N.,  
T 3 S, S 1, S 2, 1914 in S., and  
R 8 E in W. half;  
S 35 in NW. and  
S 36 in NE. quadrant;

dig pits 24x24x12 ins. NW. and NE. of post 6 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high, north  
of corner.

Land, nearly level valley, drains to the west and south-  
west.

Soil, loose, coarse gravelly clay loam about 10 ins.  
deep on dry clay subsoil.

Light growth bunch grass.  
No timber.

S. 89° 50' W., on a true line, on south bdy. of sec. 35.  
Over nearly level sandy and gravelly valley land, through  
greasewood brush undergrowth, 6 ft. high.

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



## 14. Re-survey of the South bdy. of Township 2 South Range 8 E.

Chains.

- the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 2, T. 3 S., R. 8 E. marked on brass cap,  
 $\frac{1}{4}$  S 2, 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, south of cor.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 35, marked on brass cap,  
 $\frac{1}{4}$  S 35 in N., and  
 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.
- 77.98 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 2 and 3, T. 3 S., R. 8 E. marked on brass cap,  
 T 2 S, S 34, S 35 in N.,  
 T 3 S, 1914 in S., and  
 R 8 E in W. half;  
 S 2 in SE., and  
 S 3 in SW. quadrant;  
 dig pits 24x24x12 ins. SE. and SW. of post 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, south of cor.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 34 and 35, T. 2 S., R. 8 E., marked on brass cap,  
 T 2 S in N.,  
 T 3 S, S 2, S 3, 1914 in S., and  
 R 8 E in W. half;  
 S 34 in NW., and  
 S 35 in NE. quadrant;  
 dig pits 24x24x12 ins. NW. and NE. of post 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, north of cor.
- Land, rolling, drains to the west.  
 Soil, light gravelly clay loam, about 10 ins. deep on dry, clay subsoil.  
 Light growth bunch grass.  
 No timber.
- 
- S. 89°50'W., on a true line, on south bdy. of sec. 34.  
 Over nearly level sandy valley land, through greasewood brush undergrowth, 6 ft. high.
- 39.67 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. to sec. 3, T. 3 S., R. 8 E., marked on brass cap,  
 $\frac{1}{4}$  S 3, 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, south of cor.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., sec. 34, marked on brass cap,  
 $\frac{1}{4}$  S 34 in N., and  
 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.
- Note: At this cor., I set off 22°02'N. on the decl. arc; and at apparent noon, observe the sun on the meridian, the resulting latitude being 33°12'N.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 33 and 34, T. 2 S., R. 8 E., marked on brass cap,  
 T 2 S in N.,  
 T 3 S, S 3, S 4, 1914 in S., and

Chains.

R 8 E in W. half;  
 S 33 in NW., and  
 S 34 in NE. quadrant;  
 dig pits 24x24x12 ins. NW. and NE. of post 6 ft. dist.,  
 and raise a mound of earth 4 ft. base, 2 ft. high, north  
 of cor.  
 Land, rolling valley, drains to the west.  
 Soil, medium fine, dry, sandy loam, 12 ins. deep on dry  
 clay subsoil.  
 Light growth bunch grass.  
 No timber.

- S. 89°50' W., on a true line, on south bdy. of sec. 33.  
 Over rolling, sandy valley land, through greasewood  
 brush undergrowth, 6 ft. high.
- 1.36 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground for reestablished cor. of secs. 3 and 4, T.  
 2 S., R. 8 E., marked on brass cap, T 2 S, S 33, S 34 in N.,  
 T 3 S, 1914 in S., and R 8 E in W. half;  
 S 3 in SE., and S 4 in SW. quadrant; dig pits 24x24x12  
 ins. SE. & SW. of post 6 ft. dist. & raise mound of earth 4  
 ft. base, 2 ft. high, S. of cor.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in ground  
 for reestab.  $\frac{1}{4}$  sec. cor. sec. 33, mkd. on brass cap,  
 T 2 S, S 33 in N., and 1914 in S. half;  
 dig pits 18x18x12 ins. E. & 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  
 corner of cor.
- 43.05 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for reestablished  $\frac{1}{4}$  sec. cor., sec. 4, T. 3 S.,  
 R. 8 E., marked on brass cap,  
 T 3 S, S 4, 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
 and raise a mound of earth 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high,  
 S. of cor.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground for reestablished cor. of secs. 32 and 33,  
 T 2 S., R. 8 E., marked on brass cap,  
 T 2 S in N.,  
 T 3 S, S 4, S 5, 1914 in S., and  
 R 8 E in W. half;  
 S 32 in NW. and  
 S 33 in NE. quadrant;  
 dig pits 24x24x12 ins. NW. and NE. of post 6 ft. dist.,  
 and raise a mound of earth 4 ft. base, 2 ft. high, N.  
 of cor.  
 Land, rolling valley, drains to the west.  
 Soil, rich fine dry sandy clay loam about 12 ins. deep on  
 dry impervious clay subsoil.  
 Light growth bunch grass.  
 No timber.

June 1, 1914.

- June 2, 1914: At 7h. 58m. a.m., 1.m.t., I set off 33°12'  
 N. on the lat. arc; 22°09' N. on the decl. arc, and de-  
 termine a meridian with the solar at the cor. of secs.  
 32 and 33.  
 Thence I run,  
 S. 89°59' W., on a true line on south bdy. of sec. 32.  
 Over rolling, sandy valley land, through greasewood, brush  
 undergrowth, 4 to 5 ft. high.
- 4.74 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground, for reestablished cor. of secs. 4 and 5,  
 T. 3 S., R. 8 E., marked on brass cap,  
 T 2 S, S 32, S 33 in N.,  
 T 3 S, 1914 in S., and  
 R 8 E in W. half;

## 16. Resurvey of South boundary of Township 2 South, Range 8 E.

Chains.

- S 4 in SE., and  
S 5 in SW. quadrant;  
dig pits 24x24x12 ins. SE. and SW. of post, 6 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high, S. of  
corner.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 32,  
T. 2 S., R. 8 E. marked on brass cap,  
 $\frac{1}{4}$  S 32 in N., and  
1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.
- 46.43 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 5, T.  
3 S., R. 8 E., marked on brass cap,  
 $\frac{1}{4}$  S 5 1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
south of cor.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground, for reestablished cor. of secs. 31 and 32,  
T. 2 S., R. 8 E. marked on brass cap,  
T 2 S in N.,  
T 3 S, S 5, S 6, 1914 in S., and  
R 8 E in W. half;  
S 31 in NW. and  
S 32 in NE. quadrant;  
dig pits 24x24x12 ins., NW. and NE. of post 6 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high, north  
of cor.  
Land, rolling, drains to the west.  
Soil, rich dry, sandy clay loam, 8 ins. deep on dry clay  
subsoil.  
Light growth bunch grass.  
No timber.
- 
- S.  $89^{\circ}50'W.$ , on a true line, on south bdy. of sec. 31.  
Over level, sandy valley land, through greasewood brush  
undergrowth, 4 to 6 ft. high.
- 8.12 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground, for reestablished cor. of secs. 5 and 6, T.  
3 S., R. 8 E., marked on brass cap,  
T 2 S, S 31, S 32 in N.,  
T 3 S, 1914 in S., and  
R 8 E in W. half;  
S 5 in SE., and  
S 6 in SW. quadrant;  
dig pits 24x24x12 ins. SE. and SW. of post, 6 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high, S. of  
cor.
- 30.00 Center of Arizona Eastern Ry. track, brs. N.  $39\frac{1}{2}^{\circ}W.$  and  
S.  $39\frac{1}{2}^{\circ}E.$
- 30.58 Telegraph line brs. N.  $39\frac{1}{2}^{\circ}W.$  and S.  $39\frac{1}{2}^{\circ}E.$
- 31.28 Road to Queen Creek postoffice and store, brs. N.  $39^{\circ}W.$  and  
S.  $39^{\circ}E.$
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 31, T.  
2 S., R. 8 E., marked on brass cap,  
 $\frac{1}{4}$  S 31 in N., and  
1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
north of cor.
- 49.80 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 6 of  
T. 3 S., R. 8 E., marked on brass cap,

Chains.

- $\frac{1}{4}$  S 6 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 south of cor.
- 89.58 Intersect the corner of Ts. 2 and 3 S., Rs. 7 and 8 E.,  
 which I reestablished May 28, 1914, as hereinbefore  
 described.  
 Land, rolling valley, drains to the west.  
 Soil, loose, dry, sandy, gravelly and clay loam, 12 ins.  
 deep on dry clay subsoil.  
 Light growth bunch grass.  
 No timber.

June 2, 1914.

## Resurvey of East bdy. of Township 2 South, Range 8 E.

- June 2, 1914: At 1h. 28m. p.m., l.m.t., I set off  $33^{\circ}$   
 $12'N.$  on the lat. arc;  $22^{\circ}10\frac{1}{2}'N.$  on the decl. arc, and  
 determine a meridian with the solar at the cor. of Ts.  
 2 and 3 S., Rs. 8 and 9 E., which I reestablished June  
 1, 1914, as hereinbefore described.
- Thence I run,  
 $N.0^{\circ}25'W.$ , on a true line, bet. secs. 31 and 36.  
 Over rolling, sandy valley land, through scattering mes-  
 quite and ironwood timber and greasewood brush under-  
 growth 4 to 6 ft. high.
- 40.06 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on  
 brass cap,
- $\frac{1}{4}$  S 36 in W.,  
 S 31 in E., and  
 1914 in S. half; from which,  
 An ironwood, 8 ins. in diam., brs.  $N.32\frac{1}{2}^{\circ}E.$ ,  
 178 lks. dist., marked  $\frac{1}{4}$  S 31 BT.  
 An ironwood, 10 ins. in diam., brs.  $S.19\frac{1}{4}^{\circ}W.$ ,  
 136 lks. dist., marked  $\frac{1}{4}$  S 36 B T.
- 80.12 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground, for reestablished cor. of secs. 25, 30,  
 31 and 36, marked on brass cap,  
 T 2 S in N., and  
 1914 in S. half;  
 R 8 E S 25 in NW.  
 R 9 E S 30 in NE.;  
 S 31 in SE., and  
 S 36 in SW. quadrant; from which,  
 An ironwood, 15 ins. in diam., brs.  $N.64\frac{1}{2}^{\circ}E.$ ,  
 168 lks. dist., marked T 2 S R 9 E S 30 BT.  
 An ironwood, 10 ins. in diam., brs.  $S.21^{\circ}E.$ ,  
 128 lks. dist., marked T 2 S R 9 E S 31 BT.  
 An ironwood, 8 ins. in diam., brs.  $S.80\frac{1}{2}^{\circ}W.$ ,  
 230 lks. dist., marked T 2 S R 8 E S 36 B T.  
 An ironwood, 5 ins. in diam., brs.  $N.22\frac{1}{4}^{\circ}W.$ ,  
 62 lks. dist., marked T 2 S R 8 E S 25 B T.
- Land, rolling, almost level, drains to the west.  
 Soil, fine dry sandy loam, with some gravel, 12 ins.  
 deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, mesquite and ironwood.

- $N.0^{\circ}25'W.$  on a true line, bet. secs. 25 and 30.  
 Over rolling, sandy valley land, through scattering  
 mesquite and ironwood timber and greasewood brush  
 undergrowth 4 to 6 ft. high.
- 40.06 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,

## 18 Resurvey of the East bdy. of Township 2 South, Range 8 E.

Chains	
	<p> <math>\frac{1}{4}</math> S 25 in W.,            S 30 in E., and            1914 in S. half, from which,            A palo verde, 10 ins. in diam., brs. N. <math>69\frac{1}{2}^{\circ}</math> E.,            220 lks. dist., marked <math>\frac{1}{4}</math> S 30 B T.            A catclaw, 10 ins. in diam., brs. S. <math>46\frac{1}{2}^{\circ}</math> W., 80            lks. dist., marked <math>\frac{1}{4}</math> S 25 B T.         </p>
52.85	Road to Florence, Arizona, brs. NW. and SE.
72.10	Road from Bowen Ranch to Superior, brs. NE and SW.
80.12	<p>           Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in            the ground for reestablished cor. of secs. 19, 24, 25 and            30, marked on brass cap,            T 2 S in N., and            1914 in S. half;            R 8 E, S 24 in NW.            R 9 E, S 19 in NE.;            S 30 in SE.; and            S 25 in SW. quadrant;            no trees within the prescribed limits; dig pits 18x18            x12 ins. in each sec. <math>5\frac{1}{2}</math> ft. dist., and raise a mound            of earth 4 ft. base, 2 ft. high, west of cor.            Land, rolling valley, drains to the west.            Soil, medium rich and fine dry sandy loam, about 12 ins.            deep on dry clay and gravel subsoil.            Light growth bunch grass.            Timber, palo verde, mesquite, ironwood and catclaw.         </p> <hr/> <p>           N. <math>0^{\circ}25'</math> W., on a true line, bet. secs. 19 and 24.            Over rolling, sandy valley land, through scattering mes-            quite, palo verde, and ironwood timber and greasewood            brush undergrowth 4 to 6 ft. high.         </p>
6.20	Intersect the left bank of Queen Creek, 3 ft. high, brs. E and W.; leave timber and undergrowth, over dry, sandy creek bed.
14.30	Intersect the right bank of Queen Creek, 4 ft. high, brs. E and W. Enter scattering mesquite timber and greasewood brush undergrowth, 4 ft. high, brs. E and W.
19.30	Dry sand wash, 25 lks. wide, 3 ft. deep, course SW. Leave timber, brs. E and W.
40.06	<p>           Intersect the old <math>\frac{1}{4}</math> sec. cor., hereinbefore described;            this corner being in a state of dilapidation, I de-            stroy the old cor., and reestablish it in the same            place as follows:            At a point in the center of the old mound midway between            the remains of the two old pits, I set an iron post,            3 ft. long, 1 in. in diam., 26 ins. in the ground for  <math>\frac{1}{4}</math> sec. cor., marked on brass cap,  <math>\frac{1}{4}</math> S 24 in W.,            S 19 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 <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high,            west of cor. The new pits sufficiently obliterate            the old ones.         </p> <p>           Thence I run,            N. <math>1^{\circ}28'</math> W., on a true line on N. half, bet. secs. 19 and 24.            Continuing measurement.         </p>
60.24	Telephone line from Phoenix to Florence, Arizona, brs. N. $31^{\circ}$ W., and S. $31^{\circ}$ E.
68.40	Road from Mesa to Florence, Arizona, brs. NW. and SE.
80.05	<p>           Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in            the ground for reestablished cor. of secs. 13, 18, 19 and            24, marked on brass cap,            T 2 S in N., and            1914 in S. half;            R 8 E, S 13 in NW.,         </p>

Resurvey of the East boundary of Township 2 South, Range 8 E. 19  
Chains.

R 9 E, S 18 in NE.

S 19 in SE., and

S 24 in SW. quadrant; from which,

An ironwood, 10 ins. in diam., brs. N.  $23\frac{1}{2}^{\circ}$  E.,  
185 lks. dist., marked T 2 S R 9 E S 18 BT.

An ironwood, 10 ins. in diam., brs. S.  $38\frac{3}{4}^{\circ}$  E.,  
204 lks. dist., marked T 2 S R 9 E S 19 BT.

An ironwood, 6 ins. in diam., brs. S.  $15\frac{1}{2}^{\circ}$  W.,  
75 lks. dist., marked T 2 S R 8 E S 24 B T.

An ironwood, 6 ins. in diam., brs. N.  $46\frac{1}{2}^{\circ}$  W.,  
270 lks. dist., marked T 2 S R 8 E S 13 B T.

Land, rolling valley, drains to the west and southwest.  
Soil, medium rich fine dry sandy loam, about 14 ins.  
deep on dry clay subsoil.

Light growth bunch grass.

Timber, palo verde, mesquite and ironwood.

June 2, 1914.

June 3, 1914: At 7h. 58m. a.m., l.m.t., I set off  $33^{\circ}$   
 $14\frac{1}{2}'$  N. on the lat. arc;  $22^{\circ}17'$  N. on the decl. arc,  
and determine a meridian with the solar at the cor.  
of secs. 13, 18, 19 and 24.

Thence I run,

N.  $1^{\circ}28'$  W., on a true line, bet. secs. 13 and 18.

Over rolling, sandy valley land, through mesquite, palo  
verde and ironwood timber and greasewood brush under-  
growth, 4 to 6 ft. high.

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

$\frac{1}{4}$  S 13 in W.,

S 18 in E., and

1914 in S. half; from which,

A palo verde, 8 ins. in diam., brs. N.  $43\frac{1}{2}^{\circ}$  E.,  
195 lks. dist., marked  $\frac{1}{4}$  S 18 BT.

A palo verde, 12 ins. in diam., brs. S.  $25\frac{1}{4}^{\circ}$  W.,  
285 lks. dist., marked  $\frac{1}{4}$  S 13 BT.

55.65 Old wood road, brs. NW. and SE.

70.30 Dry ravine, 10 lks. wide,  $2\frac{1}{2}$  ft. deep, course SW.

72.32 Wife fence brs. ENE. and WSW.

79.98 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground for reestablished cor. of secs. 7, 12, 13 and  
18, marked on brass cap,

T 2 S in N., and

1914 in S. half;

R 8 E S 12 in NW.,

R 9 E S 7 in NE.,

S 18 in SE., and

S 13 in SW. quadrant; from which,

An ironwood, 22 ins. in diam., brs. N.  $55\frac{1}{2}^{\circ}$  E.,  
460 lks. dist., marked T 2 S R 9 E S 7 BT.

An ironwood, 12 ins. in diam., brs. S.  $24^{\circ}$  E., 210  
lks. dist., marked T 2 S R 9 E S 18 B T.

An ironwood, 10 ins. in diam., brs. S.  $38^{\circ}$  W., 83  
lks. dist., marked T 2 S R 8 E S 13 BT.

A mesquite, 8 ins. in diam., brs. N.  $44^{\circ}$  W., 202  
lks. dist., marked T 2 S R 8 E S 12 BT.

Land, level valley, drains to the west.

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

Light growth bunch grass.

Timber, mesquite, palo verde and ironwood.

N.  $1^{\circ}28'$  W., on a true line, bet. secs. 7 and 12.

Over nearly level, sandy valley land, through scatter-  
ing mesquite, palo verde, and ironwood timber and

## 20. Resurvey of the East boundary of Township 2 South, R. 8 E.

Chains.

- greasewood brush undergrowth, 3 to 5 ft. high.
- 37.00 Dry ravine, 20 lks. wide, 1 ft. deep, course west.
- 39.99 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 12 in W.,  
 S 7 in E., and  
 1914 in S. half; from which,  
 A palo verde, 18 ins. in diam., brs. S.  $40\frac{3}{4}^{\circ}$  E.,  
 291 lks. dist., marked  $\frac{1}{4}$  S 7 B T.  
 A mesquite, 6 ins. in diam., brs. S.  $40\frac{1}{2}^{\circ}$  W., 240 lks. dist., marked  $\frac{1}{4}$  S 12 B T.
- 44.48 Wire fence brs. NW. and SE.
- 45.95 Road brs. NW. and SE.
- 79.98 Intersect the old cor. of secs. 1, 6, 7 and 12, hereinbefore described, the old post being greatly decayed, and marks almost obliterated. I reestablish this cor. as follows: I remove the old post, and in the same place set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 6, 7 and 12, marked on brass cap,  
 T 2 S in N., and  
 1914 in S. half;  
 R 8 E, S 1 in NW.,  
 R 9 E, S 6 in NE.,  
 S 7 in SE., and  
 S 12 in SW. quadrant;  
 no trees within limits; dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.  
 Land, rolling, drains to the west and southwest.  
 Soil, medium rich sandy dry, clay loam, about 10 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, mesquite, palo verde and ironwood.
- 
- N.  $1^{\circ}35'$  W., on a true line, bet. secs. 1 and 6.  
 Over rolling sandy and gravelly valley land, through scattering mesquite timber, and greasewood brush undergrowth.
- 24.00 Wood road, brs. NW. and SE.
- 39.80 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 1 in W.,  
 S 6 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, W. of corner.
- 79.60 Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground for reestablished cor. of Ts. 1 and 2 S., Rs. 8 and 9 E., marked on brass cap,  
 T 1 S in N.,  
 R 9 E in E.,  
 T 2 S, 1914 in S., and  
 R 8 E in W. half;  
 S 36 in NW.  
 S 31 in NE.;  
 S 6 in SE. and  
 S 1 in SW. quadrant; from which,  
 A mesquite, 6 ins. in diam., brs. N.  $41\frac{1}{2}^{\circ}$  E., 385 lks. dist., marked T 1 S R 9 E S 31 B T.  
 A mesquite, 10 ins. in diam., brs. S.  $52\frac{1}{4}^{\circ}$  E., 100 lks. dist., marked T 2 S R 9 E S 6 B T.  
 A mesquite 8 ins. in diam., brs. S.  $33\frac{1}{2}^{\circ}$  W., 336 lks. dist., marked T 2 S R 8 E S 1 B T.

Resurvey of the East bdy of Township 2 South, Range 8 East. 21.  
Chains.

A mesquite, 10 ins. in diam., brs. N.  $39^{\circ} 30'$  W. 430  
 lks. dist., marked T 1 S R 8 E S 36 B 1.

Land, rolling valley, drains to the west and southwest.  
 Soil, medium rich sandy and gravelly clay loam about 12  
 ins. deep on dry clay subsoil.

Light growth bunch grass.

Timber, scattering mesquite and ironwood.

Note: At this township corner, I set off  $22^{\circ} 18' N.$  on  
 the decl. arc; and at apparent noon, observe the sun  
 on the meridian, the resulting latitude being  $33^{\circ} 18' N.$   
 June 3, 1914.

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Chains.

Survey commenced June 4, 1914, and executed with a Young and Sons' light mountain transit No. 10, as described in Book "A."

I examine the adjustments of the transit and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian established by observations on Polaris, I proceed as follows:

At my camp, which is located at the "Bowen Ranch," near the  $\frac{1}{4}$  sec. cor., bet. secs. 26 and 27, T 2 S., R. 8 E.; latitude,  $33^{\circ}13'26''$  N.; longitude,  $111^{\circ}31'W.$ , I set off  $33^{\circ}13\frac{1}{2}'N.$  on the lat. arc;  $22^{\circ}26'N.$  on the decl. arc; and at 3h. 58m. p.m., l.m.t., determine a meridian with the solar, and mark a point thereof by a small nail driven in a stake set in the ground about 5.00 chs. north of my instrument.

At 8h. 37m. p.m., l.m.t., by my watch, which is correct local mean time, I observe Polaris at lower culmination, and mark the true meridian thus determined by a tally pin stuck in the stake already set about 5.00 chs. N. of my instrument, on which the true meridian falls  $0^{\circ}0\frac{1}{2}'$  east of the meridian established by the solar observation.

June 4, 1914.

June 5, 1914: At 6h. 28m., a.m., l.m.t., I set off  $33^{\circ}13\frac{1}{2}'N.$  on the lat. arc;  $22^{\circ}31'N.$  on the decl. arc, and determine a meridian with the solar, and mark a point thereof by a small nail driven in the stake already set about 5.00 chs. north of my instrument on which the meridian, thus determined, falls  $0^{\circ}01'$  east of the meridian determined by the Polaris observation.

The solar apparatus by a.m. and p.m. observations defines positions for meridians respectively about  $0^{\circ}01'E.$ , and  $0^{\circ}0\frac{1}{2}'W.$  of the meridian established by the Polaris observation; therefore, I conclude that the adjustments of the instrument are satisfactory.

All measurements were made with a 5-chain steel tape with clinometer for determining the slope angles.

At 7h. 58m. a.m., l.m.t., I set off  $33^{\circ}12'N.$  on the lat. arc;  $22^{\circ}31'N.$  on the decl. arc, and determine a meridian with the solar at the cor. of secs. 35 and 36 on south bdy. of the Tp., which I reestablished June 1, 1914, as hereinbefore described.

Thence I run,

North, on Sectional Guide Meridian, bet. secs. 35 and 36. Over level, sandy, valley land, through dense greasewood brush undergrowth, 4 to 6 ft. high.

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

$\frac{1}{4}$  S 35 in W.,  
S 36 in E., and  
1914 in S. half;

dig pits  $18 \times 18 \times 12$  ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for corner of secs. 25, 26, 35 and 36, marked on brass cap,

T 2 S, R 8 E in N, and  
1914 in S. half;

S 26 in NW.  
S 25 in NE.;  
S 36 in SE., and  
S 35 in SW. quadrant;

dig pits  $18 \times 18 \times 12$  ins., in each sec.  $5\frac{1}{2}$  ft. dist., and

Subdivision of Township 2 South, Range 8 East. 23.

Chains.

raise a mound of earth 4 ft. base, 2 ft. high, west of corner.  
Land, level valley, drains to the southwest.  
Soil, rich fine sandy loam, with some gravel, 18 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
No timber.

June 5, 1914.  
(To be continued).

June 6, 1914: At 9h. 58m. a.m., l.m.t., I set off 33° 13' N. on the lat. arc; 22° 37 1/2' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 25, 26, 35 and 36.

40.00 Thence I run,  
88.25 N° 89° 50' E., on a random line, bet. secs. 25 and 36.  
Set temp. 1/4 sec. cor.  
Intersect east bdy. of the Tp. 8 lks. south of the cor. of secs. 25, 30, 31 and 36, which I reestablished June 2, 1914, as hereinbefore described.

48.25 Thence I run,  
S. 89° 47' W., on a true line, bet. secs. 25 and 36.  
Over level sandy valley land, through dense greasewood brush undergrowth 4. to 6 ft. high.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 25 in N., and S 36, 1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, north of cor.

88.25 The cor. of secs. 25, 26, 35 and 36.  
Land, level valley, drains to the SW.  
Soil, rich fine dry sandy loam about 12 ins. deep on dry gravelly and clay subsoil.  
Light growth bunch grass.  
No timber.

June 6, 1914.

June 5, 1914, continued.  
North, on Sectional Guide Meridian, bet. secs. 25 and 26.  
Over level, sandy valley land, through greasewood brush undergrowth 4 to 6 ft. high.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 26 in W., S 25 in E., and 1914 in S. half;  
dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, west of cor.

41.50 Road from the Bowen Ranch to Superior, Arizona, brs. NE. and SW. Enter scattering palo verde timber, brs. NE. and SW.

60.20 Left bank of Queen Creek, 3 ft. high, brs. N. 80° E. and S. 80° W.; thence over dry sandy and gravelly bed of Creek.

64.00 Bank of island; thence across island.  
69.00 Bank of island; leave island.

77.10 Right bank of Queen Creek, 4 ft. high, brs. N. 80° E., and S. 80° W.; thence over level land.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 23, 24, 25 and 26, marked on brass cap,

27. Subdivision of Township 2 South, Range 8 East

Chains

T 2 S R 8 E in N., and  
 1914 in S.half;  
 S 23 in NW.,  
 S 24 in NE.,  
 S 25 in SE., and  
 S 26 in SW. quadrant; from which,  
 A palo verde, 6 ins. in diam., brs. N. 22° E., 60  
 lks. dist., marked T 2 S R 8 E S 24 B T.  
 A willow, 10 ins. in diam., brs. S. 14½° E., 222  
 lks. dist., marked T 2 S, R 8 E S 25 B T.  
 A palo verde, 10 ins. in diam., brs. S. 46° W.,  
 36 lks. dist., marked T 2 S R 8 E S 26 B T.  
 A palo verde, 8 ins. in diam., brs. N. 69½° W.,  
 46 lks. dist., marked T 2 S R 8 E S 23 B T.

Land, level valley, drains to the southwest.  
 Soil, medium rich gravelly clay loam, 8 to 14 ins. deep  
 on dry clay and gravel subsoil.  
 Light growth bunch grass.  
 Timber, scattering palo verde and desert willow along  
 Queen Creek.

June 5, 1914.  
 (To be continued.)

June 6, 1914: At 3h. 28m., p.m., l.m.t., I set off 33°  
 14' N. on the lat. arc; 22° 39' N. on the decl. arc, and  
 determine a meridian with the solar at the cor. of  
 secs. 23, 24, 25 and 26.

40.00  
 87.56

Thence I run,  
 N. 89° 47' E., on a random line, bet. secs. 24 and 25.  
 Set temp. ¼ sec. cor.  
 Intersect east bdy. of the Tp., 17 lks. south of the cor.  
 pf secs. 19, 24, 25 and 30, which I reestablished June  
 2, 1914, as hereinbefore described.

8.60

Thence I run,  
 S. 89° 40' W., on a true line. bet. secs. 24 and 25.  
 Over level sandy valley land, through scattering mes-  
 quite and palo verde timber and greasewood brush 4 to  
 6 ft. high.

36.00  
 47.56

Intersect left bank of Queen Creek, 4 ft. high, brs. N. 70° E.  
 and S. 70° W.; thence over dry bed of creek.  
 Bank of island 3 ft. high, brs. NE. and SW.  
 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 24 in N., and  
 S 25, 1914 in S. half; from which,  
 A willow, 10 ins. in diam., brs. N. 46½° E., 138  
 lks. dist., marked ¼ S 24 B T.  
 A willow, 12 ins. in diam., brs. S. 42½° E., 230  
 lks. dist., marked ¼ S 25 B T.

42.00

Bank of island, 3 ft. high, brs. N. 70° E., and S. 70° W.;  
 leave island, thence over dry stony bed of creek.

56.00  
 64.00

Bank of another island brs. ENE. and WSW.  
 Bank of island brs. ENE. and WSW. Leave island, thence  
 in dry bed of Queen Creek.

85.00

Intersect right bank of Queen Creek, 4 ft. high, brs. N.  
 80° E. and S. 80° W. Thence over sandy bottom land.

87.56

The cor. of secs. 23, 24, 25 and 26.  
 Land, rolling and level..  
 Soil, very sandy and gravelly, about 12 ins. deep on  
 gravel subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite, palo verde and willow.

June 6, 1914.

Subdivision of Township 2 South, Range 8 East. 25.

Chains.

June 5, 1914; continued.  
North, on Sectional Guide Meridian, bet. secs. 23 and 24.  
Over rolling valley land, drains to the SW., through scattering mesquite and willow timber and greasewood brush 4 ft. high.

21.60 Dry sand wash 40 lks. wide, 3 ft. deep, course SW.  
35.80 Road from Higley to Florence, Arizona, brs. N. 50° E. and S. 50° W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 23 in W.,  
S 24 in E., and  
1914 in S. half;

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

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, marked on brass cap,

T 2 S, R 8 E in N., and  
1914 in S. half;  
S 14 in NW.,  
S 13 in NE.,  
S 24 in SE., and  
S 23 in SW. quadrant; from which,  
An ironwood, 12 ins. in diam., brs. N. 79° E.,  
198 lks. dist., marked T S, R 8 E S 13 B T.  
An ironwood, 10 ins. in diam., brs. S. 87 $\frac{1}{2}$ ° E.,  
26 lks. dist., marked T 2 S R 8 E S 24 B T.  
A palo verde, 12 ins. in diam., brs. S. 4 $\frac{1}{2}$ ° W.,  
135 lks. dist., marked T 2 S R 8 E S 23 B T.  
An ironwood, 6 ins. in diam., brs. N. 57 $\frac{1}{2}$ ° W.,  
172 lks. dist., marked T 2 S R 8 E S 14 B T.

Land, rolling valley, drains to the SW.  
Soil, medium rich sandy clay loam, 8 to 16 ins. deep on dry clay and gravel subsoil,  
Light growth bunch grass.

Timber, scattering palo verde, ironwood and mesquite.

Note: At this corner at apparent noon, I set off 22° 31 $\frac{1}{2}$ ' N. on the decl. arc, and observe the sun on the mer.; the resulting lat. is 33° 15' N.

June 5, 1914.  
To be continued.

June 8, 1914: At 9h. 59m. a.m., l.m.t., I set off 33° 14 $\frac{1}{2}$ ' N on the lat. arc; 22° 49 $\frac{1}{2}$ ' 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. 89° 40' E., on a random line, bet. secs. 13 and 24.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
86.28 Intersect east bdy. of Tp., 3 lks. north of the cor. of secs. 13, 18, 19 and 24, which I reestablished June 2, 1914, as hereinbefore described.

Thence I run,  
S. 89° 41' W., on a true line, bet. secs. 13 and 24.  
Over nearly level sandy valley land, through scattering mesquite, ironwood and palo verde timber and brush.

5.07 Road from Phoenix to Florence, Arizona, brs. NW. and SE.  
9.29 Telephone line from Phoenix to Florence, Arizona, brs. N. 31° W. and S. 31° E.

46.28 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 13 in N., and  
S 24, 1914 in S. half; from which,

An ironwood, 10 ins. in diam., brs. N. 10 $\frac{3}{4}$ ° W.,  
300 lks. dist., marked  $\frac{1}{4}$  S 13 B T.  
An ironwood, 8 ins. in diam., brs. S. 14 $\frac{1}{2}$ ° E.,  
176 lks. dist., marked  $\frac{1}{4}$  S 24 B T.

86.28 The cor. of secs. 13, 14, 23 and 24.

## 26. Subdivision of Township 2 South Range 8 East.

Chains.

Land, rolling, drains to the SW.  
Soil, medium rich coarse dry, clay loam, about 12 ins.  
deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, ironwood, mesquite and palo verde.  
June 6, 1914.

-----  
June 5, 1914; continued.

North, on Sectional Guide Meridian, bet, secs.13 and 14.  
Over nearly level sandy valley land, drains to the SW.,  
through scattering mesquite, palo verde and ironwood  
timber.

30.00 Dry ravine, 20 lks.wide, 2 ft. deep, course SW.

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

$\frac{1}{4}$  S 14 in W.,  
S 13 in E., and

1914 in S.half; from which,

An ironwood, 10 ins. in diam., brs.S.83 $\frac{1}{2}$ °E.,  
188 lks.dist., marked  $\frac{1}{4}$  S 13 B T.

An ironwood, 10 ins. in diam., brs.S.67 $\frac{1}{2}$ °W.,  
260 lks.dist., marked  $\frac{1}{4}$  S 14 B T.

54.30 Center of dry sand wash, 50 lks.wide, 3 ft. deep, course  
SW.

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 2 S R. 8 E in N., and

1914 in S.half;

S 11 in NW.;

S 12 in NE.;

S 13 in SE.; and

S 14 in SW.quadrant;

no trees within limits; dig pits 18x18x12 ins., in  
each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth 4  
ft.base, 2 ft.high, west of cor.

Land, nearly level valley, drains to the SW.

Soil, medium rich gravelly clay loam 8 to 16 ins.deep on  
dry, clay subsoil.

Light growth bunch grass.

Timber, mesquite, palo verde and ironwood.

June 5, 1914.

To be continued.

-----  
June 8, 1914. At 3h. 59m. p.m., l.m.t., I set off 33°  
15 $\frac{1}{2}$ ' N.on the lat.arc; 22°51'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.89°41'E., on a true line, bet. secs.12 and 13.

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

84.18 Intersect east bdy.of Tp., 3 lks.north of the cor.of secs.  
7,12,13 and 18, which I reestablished June 3, 1914,  
as hereinbefore described.

Thence I run,

S.89°42'W., on a true line, bet. secs.12 and 13.

Over rolling, sandy valley land, through mesquite, palo  
verde, and ironwood timber and greasewood brush under-  
growth.

44.18 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,

Subdivision of Township 2 South, Range 8 East. 31.

Chains.

determine a meridian with the solar at the true point for cor. of secs. 22, 23, 26 and 27.

Thence I run,  
N. 0° 01' W., bet. secs. 22 and 23.  
Over dry sandy and gravelly bed of Queen Creek.

1.00 Intersect right bank of Queen Creek, 4 ft. high, brs. N. 70° E. and S. 70° W.; thence over rolling valley land, drains to the SW., through scattering greasewood brush undergrowth and palo verde timber.

2.50 Intersect the witness cor. to the cor. of secs. 22, 23, 26 and 27.

30.90 Road from Higley to Superior, Arizona, brs. E. and W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 22 in W.,  
 S 23 in E., and  
 1914 in S. half;  
 no trees within limits; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap,  
 T 2 S, R 8 E in N., and  
 1914 in S. half;  
 S 15 in NW,  
 S 14 in NE.  
 S 23 in SE., and  
 S 22 in SW. quadrant;  
 no trees within limits; dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.  
 Land, rolling valley, drains to the SW.  
 Soil, rich fine dry sandy loam, 8 to 14 ins. deep on dry stony, clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite and palo verde.

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N. 89° 47' E. on a random line, bet. secs. 14 and 23.

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

80.00 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence I run,  
 S. 89° 45' W., on a true line, bet. secs. 14 and 23.  
 Over rolling, sandy valley land, drains to the SW., through scattering mesquite and palo verde timber and greasewood brush undergrowth 6 ft. high.

19.05 Old road, brs. NE and SW.

36.25 Dry ravine, 20 lks. wide, 2 ft. deep, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 14 in N., and  
 S 23, 1914 in S. half; from which,  
 A mesquite, 6 ins. in diam., brs. N. 72° E., 82 lks. dist., marked  $\frac{1}{4}$  S 14 B. T.  
 An ironwood, 24 ins. in diam., brs. S. 25 $\frac{1}{2}$ ° E., 144 lks. dist., marked  $\frac{1}{4}$  S 23 B. T.

80.00 The cor. of secs. 14, 15, 22 and 23.  
 Land, rolling valley, drains to the SW.  
 Soil, rich, fine dry sandy clay loam, about 12 ins. deep on clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering palo verde, mesquite and ironwood.

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## 32. Subdivision of Township 2 South, Range 8 East.

chains.

- N.0°01'W., bet. secs. 14 and 15.  
Over rolling, sandy valley land, through scattering mesquite and palo verde timber, and greasewood brush, 3 ft. high.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 15 in W.,  
 S 14 in E., and  
 1914 in S. half;  
 no trees within limits; dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.
- Note: At this corner, I set off 22°50' N. on the decl. arc; and at apparent noon, observe the sun on the meridian, and obtain a reading of 33°15' N. on the lat. arc.
- 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 2 S R 8 E in N., and  
 1914 in S. half;  
 S 10 in NW.,  
 S 11 in NE.,  
 S 14 in SE., and  
 S 15 in SW. quadrant;  
 no trees 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 corner.  
 Land, rolling, drains to the SW.  
 Soil, rich fine dry clay loam about 14 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite and palo verde.
- 
- N.89°45'E., on a random line, bet. secs. 11 and 14.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor,  
 80.06 Intersect N. and S. line, 2 lks. north of the cor. of secs. 11, 12, 13 and 14.  
 Thence I run,  
 S.89°46'W., on a true line, bet. secs. 11 and 14.  
 Over rolling, sandy valley land, drains to the SW., through scattering mesquite timber and greasewood brush undergrowth, 3 ft. high.
- 35.16 Old road to Phoenix, Arizona, brs. NE. and SW.  
 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 11 in N., and  
 S 14 1914 in S. half; from which,  
 A mesquite, 5 ins. in diam., brs. N. 54 $\frac{1}{2}$ °W., 187 lks. dist., marked  $\frac{1}{4}$  S 11 BT.  
 A mesquite, 8 ins. in diam., brs. S. 44 $\frac{1}{2}$ °W., 345 lks. dist., marked  $\frac{1}{4}$  S 14 B T.
- 80.06 The cor. of secs. 10, 11, 14 and 15.  
 Land, rolling valley, drains to the SW.  
 Soil, rich, fine dry sandy and clay loam, with some gravel 8 to 14 ins. deep on dry gravelly clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.
- June 8, 1914.
- 
- June 9, 1914: At 8h.29m., a.m., 1.m.t., I set off 33°15 $\frac{1}{2}$ ' N. on the lat. arc; 22°55' 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,

Subdivision of Township 2 South, Range 8 East 27.

Chains.

- A mesquite, 4 ins. in diam., brs.N.25 $\frac{1}{2}$ °E.,123 lks.dist., marked  $\frac{1}{4}$  S 12 B T.
  - A mesquite, 6 ins. in diam., brs.S.40 $\frac{1}{2}$ °E.,96 lks.dist., marked  $\frac{1}{4}$  S 13 B T.
  - 56.68 Telephone line from Phoenix to Florence, Arizona, brs.N.41 $\frac{3}{4}$ °W. and S.41 $\frac{3}{4}$ ° E.
  - 59.68 A point from which Dan Klineman's ranch house brs.S.29 $\frac{1}{2}$ ° E., 18.00 chs.dist.
  - 62.08 Wire fence brs.NW. and SE.
  - 69.18 Road from Phoenix to Florence, Arizona, brs. NW. and SE.
  - 84.18 The cor.of secs.11,12, 13 and 14.
- Land, nearly level bottom land, drains to the SW.  
Soil, medium rich dry, gravelly clay loam, 12 ins. deep on gravelly clay subsoil.  
Light growth bunch grass.  
Timber, mesquite, palo verde and ironwood.  
June 8, 1914.

June 5, 1914, continued.

North, on Sectional Guide Meridian, between secs.11 and 12.

- Over rolling, sandy and gravelly valley land, through greasewood brush undergrowth, 2 ft.high.
- 17.70 Road from Phoenix to Florence, Arizona, brs. NW. and SE.
- 30.60 Telephone line and wire fence, brs.NW. and SE.
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,  $\frac{1}{4}$  S 11 in W., S 12 in E., and 1914 in S.half; from which,
  - A mesquite, 8 ins. in diam., brs.S.49°E.,04 lks.dist., marked  $\frac{1}{4}$  S 12 B T.
  - A mesquite, 5 ins. in diam., brs.S.70°W., 105 lks.dist., marked  $\frac{1}{4}$  S 11 BT.
- 40.30 Dry ravine, 20 lks.wide, 3 ft. deep, course west.
- 42.60 Wire fence brs.N.80°E. and 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.1,2,11 and 12, marked on brass cap,
  - T 2 S R 8 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;
 dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high, west of cor.  
Land, rolling valley, drains to the southwest,  
Soil, medium rich gravelly clay loam, 8 ins.deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite,near the  $\frac{1}{4}$  sec.cor.  
June 5, 1914.  
To be continued.

June 9, 1914: At 12h. 59m. p.m., l.m.t., I set off 33°16 $\frac{1}{2}$ ' N.on the lat.arc; 22°55 $\frac{1}{2}$ 'N. on the decl.arc. and determine a meridian with the solar at the cor.of secs. 1,2,11 and 12.

- Thence I run, N.89° 42' E.on a random line, bet. secs.1 and 12.
- 40.00 Set temp. $\frac{1}{4}$  sec.cor.
- 82.16 Intersect the east bdy. of Tp. 05 lks.S. of the cor.of secs.1,6,7 and 12, which I reestablished June 3, 1914,



28. Subdivision of Township 2 South Range 8 East.

Chains

as hereinbefore described.  
 Thence I run,  
 S.89°40'W., on a true line, bet. secs.1 and 12.  
 Over rolling, sandy valley land, through scattering  
 greasewood brush undergrowth, 3 to 5 ft.high.  
 42.16 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,  
 A mesquite, 4 ins. in diam., brs.N.10 $\frac{1}{2}$ ° W., 82  
 lks.dist., marked  $\frac{1}{4}$  S 1 B T.  
 A mesquite, 8 ins. in diam., brs.S.71 $\frac{1}{2}$ °W., 55  
 lks.dist., marked  $\frac{1}{4}$  S 12 B T.  
 82.16 The cor.of secs.1,2,11 and 12.  
 Land, rolling valley, drains to the SW.  
 Soil, rich dry sandy and gravelly clay loam, about 12 ins.  
 deep on gravelly dry clay subsoil.  
 Timber, scattering mesquite near the  $\frac{1}{4}$  sec.cor.  
 June 9, 1914.

June 5, 1914: Continued.  
 North, on Sectional Guide Meridian, bet. secs.1 and 2.  
 Over level, sandy valley land, through greasewood brush  
 undergrowth, 4 ft.high.  
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 2 in W.  
 S 1 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.  
 79.50 Road, brs.N.80°W. and S.80°E.  
 80.00 Intersect the north bdy. of the township at the cor.of  
 secs. 1,2,35 and 36, established by me, as described  
 in Book "A."  
 Land,level, drains to the SW.  
 Soil, rich fine dry sandy and gravelly clay loam, 6 to  
 12 ins. deep on gravelly clay subsoil.  
 Light growth bunch grass.  
 No timber.  
 June 5, 1914, conclusion.

June 6, 1914. At 6h. 29m. a.m., l.m.t., I set off 33°12'  
 N. on the lat.arc; 22°37 $\frac{1}{2}$ 'N.on the decl.arc; and de-  
 termine a meridian with the solar at the cor.of secs.  
 34 and 35 on south bdy.of the Tp., which I reestab-  
 lished June 1, 1914, as hereinbefore described.  
 Thence I run,  
 N°0°01' W., bet. secs.34 and 35.  
 Over level, sandy valley land, through dense greasewood  
 brush undergrowth, 4 to 7 ft.high.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 34 in W.,  
 S 35 in E., and  
 1914 in S.half;  
 dig pits 18x18x12 ins. N.and S.of post, 3 ft. dist.,  
 and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 west of cor.  
 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in  
 the ground, for cor.of secs.26,27, 34 and 35, marked  
 on brass cap,  
 T 2 S R 8 E in N., and  
 1914 in S.half;

Subdivision of Township 2 South, Range 8 East. 29.

Chains:

- S 27 in NW.;
- S 26 in NE.;
- S 35 in SE.;
- and
- S 34 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 cor.

Land, level valley, drains to the SW.

Soil, rich fine dry sandy loam, with some gravel, 12 to 20 ins. deep on dry clay subsoil.

Light growth bunch grass.

No timber.

- 40.00 N.89°50'E., on a random line; bet. secs.26 and 35.
- 80.10 Set temp.¼ sec.cor.
- 80.10 Intersect N.and S. line 5 lks.south of the cor. of secs. 25,26, 35 and 36.
- Thence I run,
- S.89°48'W., on a true line, bet. secs. 26 and 35.
- Over level, sandy valley land, through heavy greasewood brush undergrowth, 4 to 6 ft.high.
- 40.05 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 26 in N. and
- S 35, 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 corner.
- 80.10 The cor.of secs. 26,27, 34 and 35.
- Land,level valley, drains to the SW.
- Soil, rich fine dry sandy loam about 24 ins. deep on dry clay subsoil.
- Light growth bunch grass.
- No timber.

- N°0°01'W., bet. secs.26 and 27.
- Over level sandy valley land, drains to the SW., through heavy greasewood brush, 4 to 7 ft.high.
- 25.50 Road from the Bowen Ranch to Superior, Arizona, brs. N.80°E. and S.80°W.
- 26.50 Corral fence at the Bowen Ranch brs.N.80°E. and S.80°W.
- 28.20 Corral fence brs.N.10°W. and S.10°E. Enter cultivated land, brs.NW. and SE.
- 34.70 A barn brs.west 30 lks.dist.
- 38.10 Wire fence brs.E.and 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 27 in W.,
- S 26 in E. and
- 1914 in S.half; from which,
- A mesquite, 8 ins. in diam., brs.S.32½°E.,166 lks.dist., marked ¼ S 26 B T.
- A mesquite, 8 ins. in diam., brs.S.58°E.,125 lks.dist., marked ¼ S 26 B T.
- From this point the water tank and house at the Bowen Ranch brs.S.41°W., 500 lks.dist.
- A windmill brs.S.38½°W., 475 lks.dist.
- Note: At this cor.I set off 22° 38' N.on the decl. arc; and at apparent noon observe the sun on the meridian, and obtain a reading of 33° 13½'N. on the lat.arc.
- 49.26 Wire fence brs.E.and W.; leave cultivated land, brs.E. and W.; enter greasewood undergrowth.
- 63.60 Intersect left bank of Queen Creek, 4 ft. high, brs.N. 80° E. and S.80°W.; thence over dry bed of creek.

30. Subdivision of Township 2 South, Range 8 East.

Chains.

63.75 Enter scattering palo verde, mesquite and willow timber  
brs.E.and W.

67.00 Bank of island; thence across island.

73.00 Bank of island; leave island.

77.00 Bank of island, thence across island.

79.00 Bank of island; leave island.

80.00 The point for cor.of secs. 22,23,26 and 27 falls in dry  
bed of Queen Creek where natural causes would insure  
the destruction of the cor.; therefore, I continue my  
line and measurement, and at

82.50 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in  
the ground for witness cor.to the cor.of secs.22,23,  
26 and 27, marked on brass cap,  
W C S of center,  
T 2 S, R 8 E in N., and  
S 26, S 27, 1914 in S.half;  
S 22 in NW., and  
S 23 in NE.quadrant; from which,  
A palo verde, 8 ins. in diam., brs.N.12 $\frac{3}{4}$ °E.,106  
lks.dist., marked T 2 S R 8 E S 23 BT.  
A palo verde, 10 ins. in diam., brs.S.14 $\frac{1}{2}$ °E.,  
150 lks.dist., marked T 2 S R 8 E S 23 BT.  
A palo verde,10 ins. in diam., brs.S.45 $\frac{1}{2}$ °W.,214  
lks.dist., marked T 2 S R 8 E S 22 B T.  
A palo verde, 6 ins. in diam., brs.N.68 $\frac{1}{2}$ °W.,148  
lks.dist., marked T 2 S R 8 E S 22 B T.

Land, nearly level, sandy valley, drains to the SW.  
Soil, rich fine dry silt loam, 12 to 24 ins.deep on dry  
clay subsoil.  
Light growth bunch grass.  
Timber, scattering palo verde, mesquite and willow.

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N.89°48'E., on a random line, bet. secs:23 and 26, from  
the true point for the cor. of secs.22,23,26 and 27.

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

80.04 Intersect N.and S. line, 2 lks.south of the corner of  
secs. 23,24, 25 and 26.  
Thence I run,  
S.89° 47'W., on a true line, bet. secs.23 and 26.  
Over rolling; sandy bottom land, through scattering mes-  
quite and palo verde timber and greasewood brush under-  
growth, 6 ft. high.

22.00 Road, brs.NE. and SW.

40.02 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 23 in N., and  
S 26, 1914 in S.half; from which,  
A palo verde, 8 ins. in diam., brs.N.56°E.,196  
lks.dist., marked  $\frac{1}{4}$  S 23 B T.  
A palo verde, 8 ins. in diam., brs.S.67 $\frac{3}{4}$ °E.,170  
lks.dist., marked  $\frac{1}{4}$  S 26 B T.

45.00 Intersect right bank of Queen Creek, 3 ft.high, brs.N.70°  
W. and S.70°E.; thence over dry, sandy and gravelly  
creek bed.

80.04 The true point for cor.of secs. 22,23,26 and 27.  
Land, nearly level, drains to the SW.  
Soil, gravelly loam, 12 to 20 ins. deep on dry gravel and  
sandy clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite and palo verde.  
June 6, 1914.

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June 8,1914: At 7h.00am, l.m.t., I set off 33°14'  
N. on the lat.arc; 22°49 $\frac{1}{2}$ 'N. on the decl.arc, and

Chains.

- N.  $0^{\circ}01'W.$ , bet. secs. 10 and 11.  
Over nearly level sandy and gravelly valley land, through scattering mesquite timber and greasewood brush undergrowth 4 ft. high.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 10 in W.,  
S 11 in E., and  
1914 in S. half; from which,  
A mesquite, 14 ins. in diam., brs. S.  $30\frac{1}{2}^{\circ}E.$ , 174 lks. dist., marked  $\frac{1}{4}$  S 11 BT.  
A mesquite, 4 ins. in diam., brs. N.  $72\frac{1}{2}^{\circ}W.$ , 156 lks. dist., marked  $\frac{1}{4}$  S 10 B T.
- 47.00 Dry ravine, 20 lks. wide, 2 ft. deep, course west.
- 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 2 S. R 8 E in N., and  
1914 in S. half;  
S 3 in NW.,  
S 2 in NE.,  
S 11 in SE., and  
S 10 in SW. quadrant;  
no trees within limits; dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.  
Land, rolling, sandy valley, drains to the west and southwest.  
Soil, medium rich fine dry sandy and gravelly clay loam, 12 ins. deep on dry stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.  
Note: At this corner, I set off  $22^{\circ}55'$  N. on the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting lat. being  $33^{\circ}16'$  N.
- 
- N.  $89^{\circ}46'E.$ , on a random line, bet. secs. 2 and 11.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 1, 2, 11 and 12.  
Thence I run,  
S.  $89^{\circ}45'W.$ , on a true line, bet. secs. 2 and 11.  
Over nearly level sandy valley land, through scattering mesquite, timber and greasewood brush undergrowth, 4 to 6 ft. high.
- 40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 2 in N., and  
S 11, 1914 in S. half; from which,  
A mesquite, 6 ins. in diam., brs. N.  $70^{\circ}E.$ , 102 lks. dist., marked  $\frac{1}{4}$  S 2 B T.  
A mesquite, 8 ins. in diam., brs. S.  $59^{\circ}E.$ , 285 lks. dist., marked  $\frac{1}{4}$  S 11 BT.
- 50.49 Road from Phoenix, to Florence, Arizona, brs. NW. and SE.
- 56.34 Telephone line from Phoenix, to Florence, Arizona, brs. N.  $52\frac{3}{4}^{\circ}W.$  and S.  $52\frac{3}{4}^{\circ}E.$
- 80.04 The cor. of secs. 2, 3, 10 and 11.  
Land, rolling valley, drains to the west and southwest.  
Soil, dry, sandy and gravelly clay loam, about 14 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.
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## 34. Subdivision of Township 2 South, Range 8 East.

Chains.

- 40.00 N.0°01'W., on a random line, bet. secs. 2 and 3.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.38 Intersect north bdy. of Tp., 8 lks. west of the cor. of secs. 2, 3, 34 and 35, which I established June 3, 1914, as described in Book "A."  
Thence I run,  
S.0°02'W., on a true line, bet. secs. 2 and 3.  
Over nearly level, sandy and gravelly valley land, through scattering mesquite timber and greasewood brush, 4 to 6 ft. high.
- 40.38 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;  
no trees within the prescribed limits; dig pits 18x18 x12 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.
- 44.18 Road from Phoenix to Florence, Arizona, brs. NW. and SE.
- 61.52 Telephone line from Phoenix, to Florence, brs. N. 44°40'W. and S. 44°40'E.
- 80.38 The cor. of secs. 2, 3, 10 and 11.  
Land, rolling valley, drains to the SW.  
Soil, fine dry sandy loam, 8 to 16 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.

June 9, 1914.

June 10, 1914: At 6h. 29m., a.m., l.m.t., I set off 33°12' N. on the lat. arc; 23° 00' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 33 and 34 on the south bdy. of the Tp., which I reestablished June 1, 1914, as hereinbefore described.

- Thence I run,  
N.0°01'W., bet. secs. 33 and 34.  
Over rolling sandy and gravelly valley land, through heavy greasewood brush undergrowth 5 ft. high.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 33 in W.,  
S 34 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 corner.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked on brass cap,  
T 2 S R 8 E in N., and  
1914 in S. half;  
S 28 in NW.,  
S 27 in NE.,  
S 34 in SE., and  
S 33 in SW. quadrant;  
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 sandy valley land, drains to the SW.  
Soil, rich fine, dry, sandy loam about 18 ins. deep on gravelly clay subsoil.  
Light growth bunch grass.  
No timber.

Subdivision of Township 2 South Range 8 East. 35.

Chains.

40.00 N.89° 50'E. on a random line, bet. secs.27 and 34.  
 79.84 Set temp.  $\frac{1}{4}$  sec.cor.  
 79.84 Intersect N.and S. line, 5 lks.south of the cor.of secs.  
 26,27, 34 and 35.  
 Thence I run,  
 S.89°48'W., on a true line, bet. secs.27 and 34.  
 Over nearly level sandy valley land, drains to the SW.,  
 through heavy greasewood brush 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 27 in N., and  
 $\frac{1}{4}$  S 34, 1914 in S.half;  
 dig pits 18x18x12 ins., E.and W.of post, 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 north of cor.  
 79.84 The cor.of secs.27,28, 33 and 34.  
 Land, almost level valley, drains to the SW.  
 Soil,rich fine dry sandy loam, 12 to 16 ins. deep on dry  
 clay subsoil.  
 Light growth bunch grass.  
 No timber.

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N.0°01'W., bet. secs.27 and 28.  
 Over nearly level sandy valley land, through greasewood  
 brush undergrowth, 4 to 6 ft.high.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 28 in W.,  
 S 27 in E., and  
 1914 in S.half;  
 dig pits 18x18x12 ins., N.and S.of post, 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 west of cor.  
 54.05 Road from the Bowen Ranch to the Queen Creek Postoffice  
 and store brs.N.80°W. and S.80°E.  
 78.00 Intersect the left bank of Queen Creek, brs.E.and W.;  
 thence over dry sandy and gravelly creek bed.  
 79.75 Leave channel of Queen Creek,over small island, 4 ft.  
 above creek bed.  
 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 2 S R 8 E in N.,and  
 1914 in S.half;  
 S 21 in NW.,  
 S 22 in NE.,  
 S 27 in SE.; and  
 S 28 in SW.quadrant;  
 dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist.,and  
 raise a mound of earth 4 ft.base, 2 ft.high, west of  
 cor.  
 Land, rolling valley, drains to the west and southwest.  
 Soil of south 70 chs. medium rich fine dry sandy clay  
 loam, 12 ins. deep on clay subsoil.  
 North,10 chs. dry, sandy and gravelly loam, poor, on loose  
 sand and gravel subsoil.  
 Light growth bunch grass.  
 No timber.

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40.00 N.89° 48' E., on a random line, bet. secs.22 and 27.  
 79.80 Set temp.  $\frac{1}{4}$  sec.cor.  
 79.80 Intersect north and south line, 8 lks. north of the true  
 point for cor.of secs. 22,23,26 and 27.  
 Thence from point I run,

## 36. Subdivision of Township 2 South, Range 8 East 1

Chains.

	S.89°51'W., on a true line, bet. secs. 22 and 27. Over dry, sandy and gravelly bed of Queen Creek, through scattering greasewood brush and mesquite and desert willow timber.
12.00	Road from the Bowen Ranch to Mesa, Arizona, brs. N. and S.
39.00	Leave dry bed of creek, over bottom land.
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 22 in N., and S 27, 1914 in S. half; no trees suitable for bearing trees within limits; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, north of cor.
	<u>Note:</u> At this corner, I set off 23° 00' N. on the decl. arc; and at apparent noon, observe the sun on the meridian, and obtain a reading of 33° 14' N. on the lat. arc.
45.00	Enter dry bed of Queen Creek, course west.
67.30	Road brs. NNE. and SSW.
75.00	Leave creek bed. Over level land on island.
79.80	The cor. of secs. 21, 22, 27 and 28. Land, rolling bottom. Soil, poor, dry sand and gravel. No grass. Timber, scattering mesquite and desert willow.
-----	
	N.0°01'W., bet. secs. 21 and 22. Over rolling land on small island in Queen Creek, through desert willow timber and brush undergrowth.
.50	Channel of creek, 25 lks. wide, course west; thence over sandy bottom land, through greasewood brush undergrowth, 4 ft. high.
16.70	Cross road, brs. NW. and SE.
30.15	Road from Higley to Superior, Arizona, brs. E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 21 in W., S 22 in E., and 1914 in S. half; no trees within the prescribed limits; dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor.
63.00	Dry ravine, 15 lks. wide, 3 ft. deep, course west.
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 2 S R 8 E in N., and 1914 in S. half; S 16 in NW., S 15 in NE., S 22 in SE., and S 21 in SW. quadrant; no trees within limits; dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor. Land, rolling valley, drains to the SW. Soil, light dry fine sandy and clay loam, about 10 ins. deep on dry clay subsoil. Light growth bunch grass. Timber, scattering mesquite and desert willow.
-----	
40.00	N.89°51'E., on a random line, bet. secs. 15 and 22. Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line, 3 lks. north of the cor. of secs. 14, 15, 22 and 23.

Subdivision of Township 2 South, Range 8 East. 37.

Chains.

Thence I run,  
 S.89°52'W., on a true line, bet. secs.15 and 22.  
 Over nearly level, sandy valley land, drains to the west,  
 through scattering mesquite timber and greasewood  
 brush undergrowth, 4 to 6 ft.high.

39.94 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 15 in N., and  
 S 22, 1914 in S.half; from which,  
 A mesquite, 6 ins. in diam., brs.N.68 $\frac{1}{2}$ °E.,152  
 lks.dist., marked  $\frac{1}{4}$  S 15 B T.  
 A mesquite, 4 ins. in diam., brs.S.5 $\frac{1}{4}$ °W.,222  
 lks.dist., marked  $\frac{1}{4}$  S 22 B T.

57.48 Road from the Bowen Ranch to Mesa, Arizona, brs.NW. and SE.  
 79.88 The cor.of secs.15,16,21 and 22.  
 Land, nearly level valley, drains to the west.  
 Soil, rich, dry clay loam, 12 ins. deep on dry clay sub-  
 soil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.

June 10, 1914.

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June 11, 1914: At 8h.Om. a.m.,l.m.t., at the cor.of  
 secs. 15,16,21 and 22, I set off 33°14 $\frac{1}{2}$ 'N. on the  
 lat.arc; 23°04 $\frac{1}{2}$ 'N. on the decl.arc, and determine a  
 meridian with the solar.

Thence I run,  
 N.0°01'W., bet. secs.15 and 16.  
 Over rolling, sandy valley land, through greasewood  
 brush about 5 ft. high, and scattering mesquite tim-  
 ber.

29.05 Road from the Bowen Ranch to Mesa, Arizona, brs.NW. and  
 SE.

40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 16 in W.,  
 S 15 in E., and  
 1914 in S.half;  
 no trees within limits; dig pits 18x18x12 ins., N.  
 and S.of post, 3 ft. dist., and raise a mound of  
 earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, west of cor.

80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in  
 the ground for cor.of secs.9,10,15 and 16, marked on  
 brass cap,  
 T 2 S, R 8 E in N., and  
 1914 in S.half;  
 S 9 in NW.,  
 S 10 in NE.,  
 S 15 in SE., and  
 S 16 in SW.quadrant;  
 no trees within limits; dig pits 18x18x12 ins. in  
 each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound of earth 4  
 ft,base, 2 ft.high, west of cor.  
 Land, rolling valley, drains to the west.  
 Soil,rich,fine dry sandy loam, 12 ins. deep on dry clay  
 subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.

-----

N.89°52'E., on a random line, bet. secs.10 and 15.  
 40.00 Set temp. $\frac{1}{4}$  sec.cor.  
 79.86 Intersect N.and S. line, 10 lks.south of the cor. of  
 secs:10,11,14 and 15.  
 Thence I run,  
 S.89°48'W., on a true line, bet. secs.10 and 15.



## 38. Subdivision of Township 2 South, Range 8 East.

Chains.

- Over nearly level sandy valley land, through greasewood brush undergrowth, 4 to 6 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 10 in N., and  
 S 15, 1914 in S. half;  
 dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.
- 79.86 The cor. of secs. 9, 10, 15 and 16.  
 Land, rolling, sandy valley, drains to the west.  
 Soil, rich, fine dry, sandy loam, about 12 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 No timber.
- 
- N.  $0^{\circ}01'W.$ , bet. secs. 9 and 10.  
 Over rolling, sandy valley land, drains to the SW., through greasewood brush undergrowth, 4 to 6 ft. high.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 9 in W.,  
 S 10 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.
- 60.00 Dry ravine, 20 lks. wide, course west.
- 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 2 S, R 8 E in N., and  
 1914 in S. half;  
 S 4 in NW.,  
 S 3 in NE.,  
 S 10 in SE., and  
 S 9 in SW. quadrant;  
 dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, rolling valley, drains to the west and southwest.  
 Soil, medium rich, fine dry, sandy clay loam, about 12 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite along dry ravine.  
 Note: At this cor., I set off  $23^{\circ}04\frac{1}{2}'N.$  on the decl. arc; and at apparent noon, observe the sun on the meridian, the resulting latitude being  $33^{\circ}17' N.$
- 
- N.  $89^{\circ}48'E.$ , on a random line, bet. secs. 3 and 10;
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.86 Intersect N. and S. line, 5 lks. south of the cor. of secs. 2, 3, 10 and 11.  
 Thence I run,  
 S.  $89^{\circ}46'W.$ , on a true line, bet. secs. 3 and 10.  
 Over rolling, sandy valley land, drains to the west and southwest, through greasewood brush undergrowth, 3 ft. high.
- 39.93 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in 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;  
 dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.
- 79.86 The cor. of secs. 3, 4, 9 and 10.

Subsivision of Township 2 South, Range 8 East. 33.39

Chains.

Land, rolling valley, drains to the west.  
Soil, medium rich fine dry sandy loam, 12 ins. deep on dry, clay subsoil.  
Light growth bunch grass.  
No timber.

40.00 N.0°01'W., on a random line, bet. secs.3 and 4.  
80.64 Set temp. 1/4 sec.cor.  
Intersect N.bdy.of Tp., 16 lks. east of the cor.of secs. 3,4, 33 and 34, which I established June 4, 1914, as described in Book "A."

Thence I run,  
S.0°08'E., on a true line, bet. secs.3 and 4.  
40.64 Over nearly level sandy valley land through greasewood brush undergrowth, 4 to 6 ft. high.  
Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., marked on brass cap,  
1/4 S 4 in W.,  
S 3 in E., and  
1914 in S.half;  
dig pits 18x18x12 ins., N.and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft.base, 1 1/2 ft. high, west of cor.

80.64 The cor.of secs. 3,4, 9 and 10.  
Land, nearly level valley, drains to the west and south-west.  
Soil, rich, dry, sandy clay loam, 8 to 16 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
No timber.

June 11, 1914.

June 12, 1914: At 6h. 29 1/2 m. a. m., 1.m.t., I set off 33°12'N. on the lat.arc; 23°08 1/2' N. on the decl.arc; and determine a meridian with the solar at the cor.of secs. 32 and 33 on the south bdy. of the Tp., which I reestablished June 1, 1914, as hereinbefore described.

Thence I run,  
N.0°02'W., bet. secs.32 and 33.  
40.00 Over nearly level sandy valley land, drains to the SW., through greasewood brush 4 to 7 ft.high.  
Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for 1/4 sec.cor., marked on brass cap,  
1/4 S 32 in W.,  
S 33 in E., and  
1914 in S.half;  
dig pits 18x18x12 ins., N.and S.of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, west of corner.

80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for cor.of secs. 28,29, 32 and 33, marked on brass cap,  
T 2 S R 8 E in N., and  
1914 in S.half;  
S 29 in NW.,  
S 28 in NE.,  
S 33 in SE., and  
S 32 in SW.quadrant;  
dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft.high, west of corner.  
Land, rolling valley, drains to the SW.  
Soil, rich dry fine sandy loam, about 18 ins.deep on dry clay subsoil.

## 40. Subdivision of Township 2 South, Range 8 East.

Chains

Light growth bunch grass.  
No timber.

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- 40.00 N.89° 50' E., on a random line, bet. secs.28 and 33.  
Set temp.  $\frac{1}{4}$  sec.cor.
- 79.96 Intersect N.and S. line, 10 lks.south of the cor. of secs.  
27,28, 33 and 34.  
Thence I run,  
S.89° 46'W., on a true line; bet. secs.28 and 33.  
Over rolling, sandy valley land, through heavy greasewood  
brush undergrowth 4 to 7 ft.high.
- 39.98 Set an iron post 3 ft.long, 1 in. in diam.,26 ins. in  
the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 28 in N., and  
S 33, 1914 in S.half;  
dig pits 18x18x12 ins., E.and W. of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
north of cor.
- 79.96 The cor.of secs.28,29, 32 and 33.  
Land, rolling valley, almost level, drains to the SW.  
Soil, rich fine dry, sandy loam, 8 to 14 ins. deep on  
dry clay subsoil.  
Light growth bunch grass .  
No timber.
- 
- N.0°02'W., bet. secs. 28 and 29.  
Over rolling, sandy valley land, drains to the west and  
southwest, through heavy greasewood brush undergrowth,  
4 to 6 ft.high.
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 29 in W.,  
S 28 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 corner.
- 53.00 Road from the Bowen Ranch to the Queen Creek Postoffice  
and store, brs.N.70°E. and S.70°W.
- 70.80 Intersect left bank of Queen Creek, 15 ft.high, brs.E.  
and W.; thence over dry bed of creek.
- 74.00 Intersect right bank of Queen Creek on island, brs.E.and  
W.; thence over level land.
- 74.50 Left bank of Creek on north side of island; enter dry  
bed of creek.
- 80.00 The point for the cor. of secs. 20,21,28 and 29 falls  
in dry bed of Queen Creek, where natural causes would  
insure the destruction of the cor.; therefore, I  
continue my line and measurement, and at
- 82.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in  
the ground, for witness cor.to the cor. of secs.20,  
21, 28 and 29,marked on brass cap,  
W C S of center,  
T 2 S R 8 E in N., and  
S 28, S 29, 1914 in S.half;  
S 20 in NW., and  
S 21 in NE. quadrant;  
dig pits 18x18x12 ins., NE.,SE.,SW. and NW. of post,  $5\frac{1}{2}$   
ft. dist., and raise a mound of earth 4 ft.base, 2 ft.  
high, west of cor.  
Land, rolling valley, drains to the west and southwest.  
Soil of south 60 chs. medium rich dry clay loam, about  
12 ins.deep on dry clay subsoil.  
North 20 chs. soil, sand and gravel, poor.  
Light growth bunch grass over all but the creek bottom.  
No timber.

Chains.

- From the true point for cor. of secs. 20, 21, 28 and 29,  
I run,  
N.  $89^{\circ}46'$  E. on a random line, bet. secs. 21 and 28.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.98 Intersect N and S. line, 4 lks. south of the cor. of secs.  
21, 22, 27 and 28.  
Thence I run,  
S.  $89^{\circ}44'$  W., on a true line, bet. secs. 21 and 28.  
Over level sandy land, through scattering palo verde  
and desert willow timber and undergrowth.
- 2.00 Enter dry bed of Queen Creek, thence over loose sand.  
35.00 Leave dry bed of creek over small island, brs. NE. and  
SW.  
39.00 West side of island, brs. NE. and SW.; thence over dry  
sandy creek bed.  
39.99 The point for the  $\frac{1}{4}$  sec. cor. falls in dry bed of creek,  
where natural causes would insure the destruction of  
the corner; therefore, at  
38.50 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for witness cor. to the  $\frac{1}{4}$  sec. cor., marked  
on brass cap,  
W C W of center,  
1914 in S. half;  
S 21 in NE., and  
S 28 in SE. quadrant; from which,  
A willow, 10 ins. in diam., brs. N.  $31\frac{1}{2}^{\circ}$  E., 04  
lks. dist., marked W C  $\frac{1}{4}$  S 21 B T.  
A willow, 8 ins. in diam., brs. S.  $50\frac{1}{2}^{\circ}$  W., 136  
lks. dist., marked W C  $\frac{1}{4}$  S 28 B T.
- 65.00 Bank of island, thence across island.  
71.00 Bank of island; leave island.  
79.98 The true point for cor. of secs. 20, 21, 28 and 29.  
Land, rolling creek bottom.  
Soil, poor, stony, sandy and gravelly loam.  
No grass.  
Timber, scattering willow and palo verde.
- 
- From the true point for cor. of secs. 20, 21, 28 and 29,  
I run,  
N.  $0^{\circ}02'$  W., bet. secs. 20 and 21.  
Over dry bed of Queen Creek.
- 1.50 South side of small island brs. E. and W.; enter dense  
undergrowth, brs. E. and W.  
2.00 Intersect the witness cor. to the cor. of secs. 20, 21, 28,  
and 29.  
8.35 Leave island, brs. E. and W.; cross channel of Queen Creek,  
40 lks. wide, course S.  $70^{\circ}$  W.  
9.00 Leave Queen Creek, course S.  $70^{\circ}$  W. Enter rolling sandy  
valley land.  
26.90 Road from Higley to Superior, Arizona, brs. E. and W.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 20 in W.,  
S 21 in E., and  
1914 in S. half;  
no trees within the prescribed limits; dig pits  
18x18x12 ins., N. and S. of post, 3 ft. dist., and raise  
a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{4}$  ft. high, west of  
cor.
- Note: At this cor., I set off  $23^{\circ}09'$  N. on the decl. arc;  
and at apparent noon, observe the sun on the meridian  
and obtain a reading of  $33^{\circ}14\frac{1}{2}'$  N. on the lat. arc;
- 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 2 S R 8 E in N., and  
1914 in S. half;  
S 17 in NW.,

42. Subdivision of Township 2 South, Range 8 East.

Chains.

S 16 in NE.,  
S 21 in SE., and  
S 20 in SW. quadrant;

no trees within limits; dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of corner.

Land, rolling, drains to the west and southwest.

Soil of south 9 chs. sand and gravel, poor.

Soil of north 71 chs. dry, sandy clay loam, about 10 ins. deep on dry clay subsoil.

Light growth bunch grass.

Timber, scattering willow and palo verde.

40.00  
79.90

N. 89° 44' E., on a random line, bet. secs. 16 and 21.

Set temp. 1/4 sec. cor.

Intersect N. and S. line, 5 lks. N. 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, sandy valley land, through greasewood brush undergrowth, 4 to 6 ft. high.

21.90  
39.95

Dry ravine, 15 lks. wide, 2 ft. deep, course N. 80° W.,

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

1/4 S 16 in N., and  
S 21, 1914 in S. half;

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

79.90

The cor. of secs. 16, 17, 20 and 21.

Land, rolling valley, drains to the west and northwest.

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

Light growth bunch grass.

No timber.

7.00  
9.00  
12.00  
40.00

N. 0° 02' W., bet. secs. 16 and 17.

Over rolling, sandy valley land, through dense greasewood brush undergrowth 4 to 7 ft. high.

Enter scattering mesquite timber, brs. E. and W.

Dry ravine, 15 lks. wide, 2 ft. deep, course N. 80° W.

Leave timber, brs. E. and W.

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

1/4 S 17 in W.,  
S 16 in E., and  
1914 in S. half;

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

41.60  
80.00

Road to Mesa, Arizona, brs. NW. and SE.

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

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

Land, rolling valley, drains to the west.

Soil, rich, dry clay loam, about 18 ins. deep on dry clay subsoil.

Chains.

Light growth bunch grass.  
Timber, scattering mesquite.

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40.00 N.89°46'E., on a random line, bet. secs.9 and 16.  
Set temp.  $\frac{1}{4}$  sec.cor.  
79.90 Intersect N.and S. line, 7 lks.south of the cor.of secs.  
9,10,15 and 16.  
Thence I run,  
S.89°43'W., on a true line, bet. secs.9 and 16.  
Over rolling, sandy valley land, drains to the west,  
through greasewood brush undergrowth, 6 ft. high.  
32.00 Road from the Bowen Ranch to Mesa, Arizona, brs.NW. and SE.  
39.95 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 9 in N., and  
S 16,1914. in S.half;  
dig pits 18x18x12 ins., E.and W.of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
north of cor.  
79.90 The cor.of secs.8,9,16 and 17.  
Land, rolling valley drains to the west;  
Soil, rich dry, sandy clay loam,about 8 to 12 ins. deep  
on dry clay subsoil.  
Light growth bunch grass.  
No timber.

June 12, 1914.

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June 16, 1914: At 11h.00m. a.m., l.m.t., I set off 33°  
15 $\frac{1}{2}$ 'N. on the lat.arc; 23°21'N. on the decl.arc; and  
determine a meridian with the solar at the cor.of  
secs.8,9,16 and 17.  
Thence I run,  
N.0°02'W., bet. secs.8 and 9.  
Over rolling, sandy valley land, through scattering  
greasewood brush undergrowth, 4 ft.high.  
40.00 Set an iron post, 3 ft,long, 1 in. in diam., 26 ins..  
in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 8 in W.,  
S 9 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 corner.  
45.00 Enter scattering mesquite timber, brs.E.and W.  
52.85 Dry ravine, 20 lks.wide, 1 ft. deep, course west.  
55.00 Leave timber, brs.E.and W.  
61.60 Road from Bowen Ranch to Mesa, Arizona, brs.NW. and SE.  
80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in  
the ground for cor.of secs. 4,5,8 and 9, marked on  
brass cap,  
T 2 S R 8 E in N., and  
1914 in S.half;  
S 5 in NW.  
S 4 in NE.;  
S 9 in SE., and  
S 8 in SW.quadrant;  
dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft.high, west  
of cor.  
Land, rolling, valley, drains to the west.  
Soil, rich fine dry sandy clay loam, 8 to 18 ins. deep  
on dry stony clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.  
Note: At this cor.,I set off 23°21'N. on the decl.arc;

## 44. Subdivision of Township 2 South Range 8 East.

Chains.

and at apparent noon, observe the sun on the meridian;  
and obtain a reading of  $33^{\circ} 16\frac{1}{2}' N$  on the lat.arc.

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N.  $89^{\circ} 43' E$ ., on a random line, bet. secs. 4 and 9.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.92 Intersect N. and S. line, 5 lks. north of the cor. of secs.  
3, 4, 9 and 10.  
Thence I run,  
S.  $89^{\circ} 45' W$ ., on a true line, bet. secs. 4 and 9.  
Over nearly level, sandy valley land, through greasewood and  
brush undergrowth, 4 to 7 ft. high.  
39.96 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;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
north of cor.  
79.92 The cor. of secs. 4, 5, 8 and 9.  
Land, rolling valley, drains to the SW.  
Soil, rich dry fine sandy clay loam, 12 to 18 ins. deep  
on dry, stony clay subsoil.  
Light growth bunch grass.  
No timber.

-----

N.  $0^{\circ} 02' W$ ., on a random line, bet. secs. 4 and 5.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.94 Intersect north bdy. of Tp., 16 lks. east of the cor. of  
secs. 4, 5, 32 and 33, which I established June 4, 1914,  
as described in Book "A."  
Thence I run,  
S.  $0^{\circ} 09' E$ ., on a true line, bet. secs. 4 and 5.  
Over rolling, sandy valley land, through scattering mes-  
quite timber and greasewood brush undergrowth, 4 to 6  
ft. high.  
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 5 in W.,  
S 4 in E., and  
1914 in S. half;  
no trees within the prescribed limits; dig pits  
18x18x12 ins. N. and S. of post, 3 ft. dist., and raise  
a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
80.94 The cor. of secs. 4, 5, 8 and 9.  
Land, rolling valley, drains to the SW.  
Soil, rich dry sandy clay loam with some gravel about  
14 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.

June 16, 1914.

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June 13, 1914: At 8h. 15m. a.m., l.m.t., I set off  $33^{\circ}$   
 $12' N$ . on the lat.arc;  $23^{\circ} 12' N$ . on the decl.arc; and  
determine a meridian with the solar at the cor. of  
secs. 31 and 32 on south bdy. of Tp. which I re-  
established June 2, 1914, as hereinbefore described.  
Thence I run,  
N.  $0^{\circ} 02' W$ ., bet. secs. 31 and 32.  
Over nearly level, sandy valley land, through heavy  
greasewood brush undergrowth 4 to 6 ft. high.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,

Subdivision of Township 2 South Range 8 East. 45.

Chains

$\frac{1}{4}$  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.  
 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,  
 $\frac{1}{4}$  T 2 S R 8 E in N.,and  
 1914 in S.half;  
 S 30 in NW.,  
 S 29 in NE.,  
 S 32 in SE., and  
 S 31 in SW.quadrant;  
 dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist.,  
 and raise a mound of earth 4 ft.base, 2 ft.high, west  
 of cor.  
 Land, almost level, valley, drains to the southwest.  
 Soil, rich, fine dry sandy loam, 12 to 20 ins.deep on  
 dry clay subsoil.  
 Light growth bunch.grass.  
 No timber.

40.00 N.89°50'E., on a random line, bet. secs.29 and 32.  
 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.05 Intersect N.and S. line,, 8 lks.S.of the cor.of secs.28,  
 29,32 and 33.  
 Thence I run,  
 S.89°47'W., on a true line, bet. secs.29 and 32.  
 Over rolling, sandy valley land, drains to the SW., through  
 heavy greasewood brush undergrowth 4 to 7 ft.high.  
 40.025 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;  
 dig pits 18x18x12 ins., E.and W. of post 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 north of cor.  
 80.05 The cor.of secs.29,30, 31 and 32.  
 Land, nearly level, sandy valley drains to the southwest.  
 Soil, rich fine dry sandy loam, 8 to 14 ins. deep on  
 dry clay subsoil.  
 Light growth bunch grass.  
 No timber.

West, on a true line, bet. secs.30 and 31.  
 Over level sandy valley land, drains to the west, through  
 heavy greasewood brush undergrowth 6 ft.high.  
 40.00 Set an iron post, 3 ft.long, 1 in.in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor. marked on brass cap,  
 $\frac{1}{4}$  S 30 in N., and  
 S 31, 1914 in S.half;  
 dig pits 18x18x12 ins.,E.and W. of post, 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 north of cor.  
 89.50 Road from the Bowen Ranch to the Queen Creek Postoffice  
 and store, brs.N.and S.  
 90.08 Intersect the west bdy. of Tp.90 lks.N.0°18'W.of the  
 cor. of secs. 25 and 36, T 2 S, R 7 E which I rees-  
 tablished May 28,1914, as hereinbefore described. At  
 point of intersection,  
 Set an iron post, 3 ft.long, 2 ins. in diam.,24 ins. in  
 the ground for closing cor. of secs.30 and 31, marked  
 on brass cap,



## 46. Subdivision of Township 2 South, Range 8 East.

Chains.

C C E of center,  
T 2 S in N.,  
1914 in S., and  
R 7 E, S 25, S 36 in W. half;  
R 8 E, S 30 in NE., and  
S 31 in SE. quadrant;

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

Land, nearly level sandy valley, drains to the west.

Soil, rich fine dry sandy loam, 18 ins. deep on dry clay  
subsoil. Light growth bunch grass.

No timber.

Note: At this cor., I set off 23°12' N. on the decl. arc;  
and at apparent noon, observe the sun on the meridian,  
the resulting lat. being 33°13' N.

N. 0°02' W., bet. secs. 29 and 30.

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

37.40 Road from the Bowen Ranch to the Queen Creek Postoffice,  
and store, brs. N. 70° E. and S. 70° W.

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

$\frac{1}{4}$  S 30 in W.,  
S 29 in E., and  
1914 in S. half;

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

56.90 Intersect left bank of Queen Creek, 4 ft. high, brs. E.  
and W.; thence over dry sandy and gravelly creek bed.

59.00 Intersect right bank of Queen Creek, 3 ft. high, brs. E.  
and W.; thence over sandy bottom land.

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 2 S R 8 E in N., and  
1914 in S. half;  
S 19 in NW.,  
S 20 in NE.,  
S 29 in SE., and  
S 30 in SW. quadrant;

dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high, west  
of cor.

Land, rolling valley, drains to the west.

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

Light growth bunch grass.

No timber.

June 13, 1914, to be cont'd

June 15, 1914: At 7h. 30m. a.m., 1.m.t., I set off 33°  
14' N. on the lat. arc; 23°19' 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° 47' E., on a random line, bet. secs. 20 and 29.

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

80.06 Intersect N. and S. line 4 lks. south of the true point  
for cor. of secs. 20, 21, 28 and 29.

Thence I run,

S. 89° 45' W., on a true line, bet. secs. 20 and 29.

Chains.

18.66 Over dry, sandy and gravelly creek bed.  
Intersect right bank of Queen Creek, brs.N.70°E. and S.70°W.  
Enter scattering mesquite and palo verde timber and grease-wood brush undergrowth 4 to 6 ft.high.

40.03 Set an iron post 3 ft.long; 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 20 in N., and  
S 29,1914 in S.half; from which,  
A palo verde, 15 ins.in diam., brs.N. 23 $\frac{1}{2}$ °W., 320 lks.dist., marked  $\frac{1}{4}$  S 20 BT.  
A willow, 12 ins. in diam., brs.S.44 $\frac{1}{2}$ °E., 218 lks.dist., marked  $\frac{1}{4}$  S 29 BT.

65.06 Old road brs.NW. and SE.  
80.06 The cor.of secs.19,20, 29 and 30.  
Land, rolling.  
Soil, of east 19 chs., poor, gravelly creek bottom.  
West 61 chs. dry sandy loam, 14 ins. deep on gravel and sand subsoil.  
Light growth bunch grass.  
Timber, scattering palo verde and willow.  
June 15, 1914.

June 13, 1914, continued.  
West, on a true line, bet. secs. 19 and 30.  
Over rolling, sandy valley land, through greasewood brush undergrowth, 5 ft. high.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 19 in N., and  
S 30,1914 in S.half;  
dig pits 18x18x12 ins., E.and W.of post, 3 ft.dist., and raise a mound of earth 3 $\frac{1}{2}$  ft. base,1 $\frac{1}{2}$  ft. high, N. of cor.

44.90 Old road, brs.NW. and SE.  
59.10 Old road, brs. NW. and SE.  
90.50 Intersect west bdy. of Tp., 165 lks. N.0°18'W., of the cor. of secs.24 and 25, T.2 S., R.7 E., which I re-established May 28, 1914, as hereinbefore described.  
At point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs.19 and 30, marked on brass cap,  
C C E of center,  
T 2 S in N.,  
1914 in S., and  
R 7 E S 24, S 25 in W.half;  
S 19 in NE., and  
R 8 E, S 30 in SE.quadrant;  
dig pits 24x18x12 ins.crosswise on each line N.and S. 3 ft. and E.of post 7 ft.dist. and raise a mound of earth 4 ft.base, 2 ft.high, E.of cor.  
Land, rolling sandy valley drains to the south.  
Soil, medium rich dry sandy loam, 12 to 16 ins.deep on clay subsoil.  
Light growth bunch grass.  
No timber.  
June 13, 1914.

June 15, 1914: At 9 a.m.,l.m.t., I set off 33°14'N.on the lat.arc; 23°18 $\frac{1}{2}$ ' 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.0°02'W., bet. secs.19 and 20.

## 48. Subdivision of Township 2 South, Range 8 East.

Chains

- Over rolling, sandy valley land, through greasewood brush  
4 to 6 ft. high.
- 14.30 Road from Higley to Superior, Arizona, brs. N. 80° W., and  
S 80° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 19 in W.,  
S 20 in E., and  
1914 in S. half;  
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.
- 63.00 Enter scattering mesquite timber, brs. E. and W.
- 66.00 Dry ravine, 15 lks. wide, 2 ft. deep, course N. 70° W.
- 70.00 Leave 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. 17, 18, 19 and 20, marked  
on brass cap,  
T 2 S R 8 E in N., and  
1914 in S. half;  
S 18 in NW.  
S 17 in NE.  
S 20 in SE., and  
S 19 in SW. quadrant;  
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, rolling valley, drains to the west.  
Soil, medium rich dry sandy clay loam, 8 to 14 ins. deep  
on dry clay subsoil.  
Light growth bunch grass  
Timber, scattering mesquite.
- 
- N. 89° 45' E., on a random line, bet. secs. 17 and 20.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line, 3 lks. north of the cor. of secs.  
16, 17, 20 and 21.  
Thence I run,  
S. 89° 46' W., on a true line, bet. secs. 17 and 20.
- Over rolling, sandy valley land, through scattering  
greasewood brush undergrowth 4 to 6 ft. high.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 17 in N., and  
S 20 1914 in S. half;  
dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
north of cor.
- Note: At this cor., I set off 23° 18' N. on the decl. arc;  
and at noon, apparent time, observe the sun on the  
meridian and obtain a reading of 33° 15' N. on the lat.  
arc.
- 80.00 The cor. of secs. 17, 18, 19 and 20.  
Land, rolling valley drains to the west and northwest.  
Soil, medium rich dry sandy clay loam, 12 ins. deep on  
dry hard clay subsoil.  
Light growth bunch grass.  
No timber.
- 
- West, on a true line, bet. secs. 18 and 19.
- Over rolling, sandy valley land, through greasewood  
brush undergrowth, 4 to 6 ft. high.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 $\frac{1}{4}$  S 18 in N., and  
S 19, 1914 in S. half;

Subdivision of Township 2 South, Range 8 East. 49.

Chains.

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

90.96 Intersect the west bdy. of Tp., 240 lks. N.0°18'W., of the cor. of secs. 13 and 24, T.2 S., R.7 E., which I reestablished May 28, 1914, as hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 18 and 19, marked on brass cap,  
 C C E. of center,  
 T 2 S in N.,  
 1914 in S., and  
 R 7 E, S 13, S 24 in W. half;  
 S 18 in NE., and  
 R 8 E S 19 in SE. quadrant;  
 dig pits 24x18x12 ins. crosswise on each line, N. and S. 3 ft. and E. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, east of cor.  
 Land, rolling valley, drains to the west.  
 Soil, medium rich coarse dry, sandy clay loam about 12 ins. deep on dry hard clay subsoil.  
 Light growth bunch grass.  
 No timber.

N.0°02' W., bet. secs. 17 and 18.  
 Over rolling valley land, through greasewood brush undergrowth 6 ft. high.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,  
 1/4 S 18 in W.,  
 S 17 in E., and  
 1914 in S. half;  
 dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, west of cor.

53.55 Irrigating ditch to collect flood waters, 15 lks. wide, 1 1/2 ft. deep, course west.

66.00 Dry ravine, 20 lks. wide, 2 1/2 ft. deep, course N. 70° W. Enter scattering mesquite timber, brs. NW. and SE.

70.00 Leave 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. 7, 8, 17 and 18, marked on brass cap,  
 T 2 S R 8 E in N., and  
 1914 in S. half;  
 S 7 in NW.,  
 S 8 in NE.,  
 S 17 in SE. and  
 S 18 in SW. quadrant;  
 dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, rolling, sandy valley, drains to the west.  
 Soil, rich fine dry sandy loam, 12 to 16 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.

June 15, 1914.

June 16, 1914: At 8h. 00m. a.m., l.m.t., I set off 33° 15 1/2' N. on the lat. arc; 23° 21' 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,

## 50. Subdivision of Township 2 South, Range 8 East.

Chains.

- 40.00 N.  $89^{\circ}46'E.$  on a random line, bet. secs. 8 and 17.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line, 5 lks. south of the cor. of secs. 8, 9, 16 and 17.  
Thence I run,  
S.  $89^{\circ}44'W.$ , on a true line, bet. secs. 8 and 17.  
Over rolling, sandy valley land, through scattering grease-wood brush undergrowth, 4 to 6 ft. high.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 8 in N., and  
S 17, 1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.
- 51.25 Road to Mesa, Arizona, brs. NW. and SE.  
80.00 The cor. of secs. 7, 8, 17 and 18.  
Land, rolling valley, drains to the west.  
Soil, rich dry, sandy loam, 12 ins. deep on dry hard clay subsoil.  
Light growth bunch grass.  
No timber.
- 
- 18.00 West, on a true line, bet. secs. 7 and 18.  
Over nearly level, sandy valley land, through greasewood brush undergrowth, 3 to 6 ft. high.
- 21.00 Enter scattering mesquite timber brs. N.  $70^{\circ}E.$  and S.  $70^{\circ}W.$
- 26.00 Dry ravine, 20 lks. wide,  $1\frac{1}{2}$  ft. deep, course N.  $80^{\circ}W.$
- 40.00 Leave timber, brs. N.  $70^{\circ}E.$  and S.  $70^{\circ}W.$
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 7 in N., and  
S 18, 1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.
- 91.40 Intersect the west bdy. of the Tp. 314 lks. north  $0^{\circ}18'W.$  of the cor. of secs. 12 and 13, T. 2 S., R. 7 E., which I reestablished May 28, 1914, as hereinbefore described.  
At point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 7 and 18, marked on brass cap,  
C C E of center,  
T 2 S in N.,  
1914 in S. half; and  
R 7 E S 12, S 13 in W. half;  
S 7 in NE., and  
R 8 E S 18 in SE. quadrant;  
dig pits 24x18x12 ins., crosswise on each line, N. and S. 3 ft., and E. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.  
Land, nearly level valley, drains to the west.  
Soil medium rich dry sandy clay loam, 10 to 18 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.
- June 16, 1914.
- 
- June 17, 1914: At 7h.  $30\frac{1}{2}$  m. a.m., l.m.t., I set off  $33^{\circ}15\frac{1}{2}'N.$  on the lat. arc;  $23^{\circ}23'N.$  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.  $0^{\circ}02'W.$ , bet. secs. 7 and 8.

Subdivision of Township 2 South, Range 8 East. 51.

Chains.

Over rolling, sandy valley land, through scattering grease-wood brush 3 to 5 ft. high.

21.40 Old road, brs. NW. and SE.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 7 in W.,  
S 8 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 corner.

43.00 Dry ravine, 20 lks. wide,  $1\frac{1}{2}$  ft. deep course west. Enter scattering mesquite timber, brs. E. and W.

46.00 Leave 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. 5, 6, 7 and 8, marked on brass cap,  
T 2 S R 8. E in N., and  
1914 in S. half;  
S 6 in NW.,  
S 5 in NE.,  
S 8 in SE., and  
S 7 in SW. quadrant;  
dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 12 ft. high, west of cor.

Land, rolling, sandy valley, drains to the west.  
Soil, rich fine dry sandy loam, with some gravel about 12 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
Timber, scattering mesquite.

Note: At this cor., at apparent noon, I set off  $23^{\circ}23'$  N. on the decl. arc, and observe the sun on the meridian; the resulting lat. is  $33^{\circ}17'$  N.

40.00 H.  $89^{\circ}44'$  E., on a random line, bet. secs. 5 and 8.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 4, 5, 8 and 9.  
Thence I run,  
S.  $89^{\circ}45'$  W., on a true line, bet. secs. 5 and 8.

Over nearly level sandy valley land, through greasewood brush undergrowth, 4 to 7 ft. high.

13.55 Road from the Bowen Ranch to Mesa, Arizona, brs. NW. and SE.

40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 5 in N., and  
S 8, 1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of cor.

80.04 The cor. of secs. 5, 6, 7 and 8.  
Land, rolling valley, drains to the west.  
Soil, rich fine dry sandy loam, 16 ins. deep on dry clay subsoil.  
Light growth bunch grass.  
No timber.

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

40.00 Over rolling, sandy valley land, through dense greasewood brush undergrowth, 4 to 6 ft. high.  
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 N., and  
S 7, 1914 in S. half;  
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist.,

## 52. Subdivision of Township 2 South, Range 8 East.

Chains.

- and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, north of corner.
- 76.00 Enter scattering mesquite timber, brs.NE. and SW.
- 78.80 Dry ravine, 15 lks.wide, 1 ft. deep, course N.80°W.
- 82.50 Road to Mesa, Arizona, brs.N.80°W. and S.80°E.
- 91.74 Intersect the west bdy.of the Tp. 377 lks.N.0° 18'W.of the corner of secs. 1 and 12, T.2 S., R.7 E., reestablished by me, as hereinbefore described.
- 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. 6 and 7, marked on brass cap,  
 C.C.E of center,  
 T 2 S in N.,  
 1914 in S., and  
 R 7 E S 1, S 12 in W.half;  
 S 6 in NE., and  
 R 8 E, S 7 in SE.quadrant;  
 dig pits 24x18x12 ins. crosswise on each line N.and S. 3 ft., and E.of post 7 ft.dist., and raise a mound of earth 4 ft.base, 2 ft.high, east of cor.
- Land, almost level, drains to the west.  
 Soil, rich fine dry sandy clay loam, about 12 ins.deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.
- 
- N.0°02' W., on a random line, bet. secs.5 and 6.
- 40.00 Set temp.  $\frac{1}{4}$  sec.cor.
- 81.28 Intersect north bdy.of Tp., 5 lks.east of the cor.of secs.5,6,31 and 32, established by me, as described in Book "A."
- Thence I run,  
 S.0°04'E., on a true line, bet. secs.5 and 6.  
 Over rolling, sandy valley land, through greasewood brush undergrowth 4 to 7 ft.high, and scattering mesquite timber.
- 41.28 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 6 in W.,  
 S 5 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, E. of cor.
- 81.28 The cor.of secs.5,6,7 and 8.  
 Land, rolling valley, almost level, drains to the west.  
 Soil, dry, sandy and gravelly clay loam, 8 to 12 ins. deep on dry clay subsoil.  
 Light growth bunch grass.  
 Timber, scattering mesquite.

June 17, 1914.

GENERAL DESCRIPTION.

The land in this township is nearly all level and rolling, having a gradual slope to the west and southwest, the soil ranging from free sand to rich loam. The soil over the greater portion of the township is generally a rich sandy clay loam varying from a few inches to several feet in depth underlaid with dry clay and gravel subsoil. Along the Queen Creek Wash which crosses the township in a westerly direction near the center, the soil is of little value owing to the great amount of sand and gravel deposited on the land by the wash in times of floods. The periods

Chains.

of drouth each year in this valley are of such duration as to render dry farming almost impracticable. To farm the lands in this township profitably and successfully irrigation will be necessary.

Scattering palo verde, mesquite, desert willow, and ironwood timber is found along the Queen Creek Wash and scattered over the township.

The only water in the township is obtained from wells of great depth and in earth tanks constructed in small gulches to impound the flood waters for stock purposes. There is one settler each in secs.13,18, and 27.

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





**CERTIFICATE OF ASSISTANTS.**  
( Same applies to Books "G" & "H" )

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,  
.....Sidney E. Blout....., U. S. Surveyor, during the periods and in the capacities  
stated opposite our several signatures, in retracing all those parts or portions of the West, South and East  
bdrs. of T. 25, R. 8 E., the West, South and East bdrs. of T. 35, R. 8 E., the South bdy. of T. 25, R. 7 E., the East  
bdy. of T. 15, R. 8 E. and the South bdy. of T. 15, R. 9 E., in resurveying all those parts or portions of, south  
the West, South and East bdrs. of T. 25, R. 8 E., the East bdy. of T. 15, R. 8 E. and the South bdy. of T. 15, R. 9 E.,  
and in surveying all those parts or portions of the subdivision lines of T. 25, R. 8 E., T. 15, R. 8 E. and  
T. 15, R. 9 E. boundary of T. 15, R. 9 E.

of the Gila and Salt River Base & Meridian, in the State of Arizona  
and those in Books "G" and "H"  
which are represented in the foregoing field notes as having been executed by him, and under his direc-  
tion; and that said retracements, resurveys,  
and surveys have been, in all respects, to the best of our knowledge and belief, well and  
faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
<i>E. S. Starr</i>	March 3, 1914	May 31, 1914	Head Chainman
<i>J. Y. White</i>	March 3, 1914	May 31, 1914	Rear Chainman
<i>George S. Henry</i>	June 1, 1914	Nov. 4, 1914	Head Chainman
<i>Ben J. Kuse</i>	March 3, 1914	May 31, 1914	Moundman
<i>H. W. Alexander</i>	June 1, 1914	Nov. 4, 1914	Rear Chainman
<i>Henry R. Harvey</i>	July 26 - Oct. 8	Oct. 18 - Nov. 4 1914	Axman
<i>Ralph Brown</i>	Oct. 8, 1914	Oct. 17, 1914	Head Chainman
	March 3, 1914	May 31, 1914	Axman
	June 1, 1914	June 28, 1914	Moundman
	June 6, 1914	July 26, 1914	Axman
	July 27, 1914	August 9, 1914	Flagman
	June 29, 1914	Sept. 18, 1914	Moundman

Subscribed and certified to before me on the dates of the final service as shown above.  
  
*Sidney E. Blout*  
.....  
U. S. Surveyor.

