

2903

Book "M."

4-679

(Subdivisions)

BOOK 2903

169
1
March-1914

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

OF

TOWNSHIP 9 SOUTH, RANGE 3 EAST.

2903

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

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

and

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

~~In the capacity of U. S. Surveyor~~, under instructions dated July 29, 1914,

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

Group No. 38, which were approved by the Commissioner of the General Land

Office, September 5, 1914.

Survey commenced March 24, 1915.

Survey completed March 30, 1915.

under the assignment
Instructions dated Sept. 30, 1914.

2903

Book "M."
(Subdivisions)

Group 38 - Arizona.

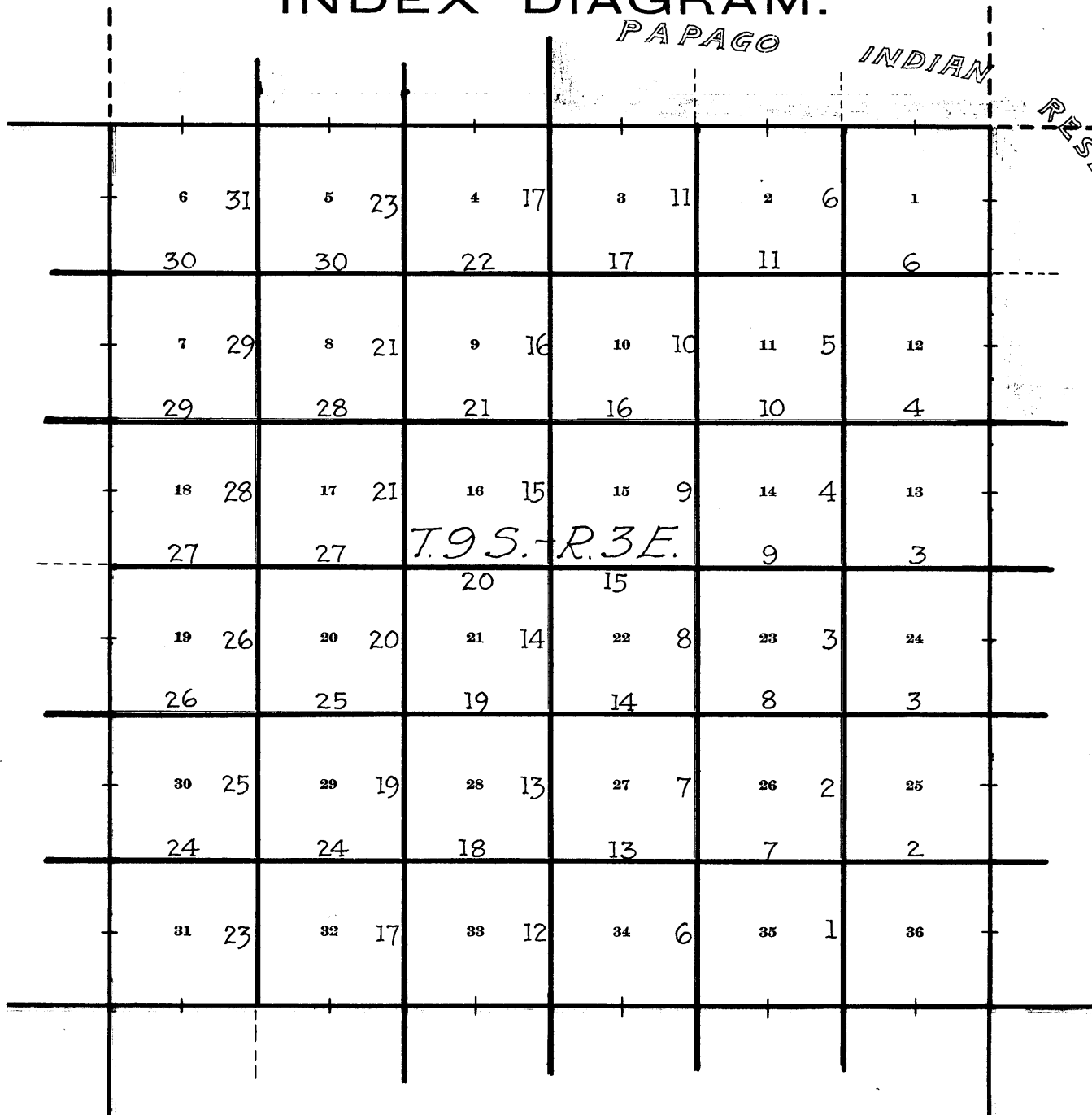
BOOK 2903




INDEX DIAGRAM.

PAPAGO

INDIAN

RESERVATION



-  Subdivision lines surveyed under this group.
-  Township bdrs. - Notes in Book "B."
-  Unsurveyed.

Subdivision of T.9 S., R.3 E.

18

Chains

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

Survey commenced Mar. 24, 1915 and executed with a Young and Son's light mountain transit No. 8592, described in book "A".

Mar. 21, 1915, I correct the level and collimation errors then to test the solar apparatus on a mer. established by observations on Polaris, I proceed as follows:-

With the instrument set up on the mer. established by observations on Polaris, at a point near camp, in sec. 23, T.9 S., R.4 E., by W.K. Kierulff, U.S. Transitman, on Mar. 21, 1915, (described in book "B", W. bdy. of T.9 S., R.4 E.), at 8h., a.m., l.m.t., I set off 32° 37' N. on the lat. arc; 0° 1' S. on the decl. arc. and determine a mer. with the solar. The mer. thus determined intersects the rod set 10 chs. N. of my station, on the Polaris mer.

At 4h., p.m., l.m.t., I set off 32° 37' N. on the lat. arc; 0° 7' N. on the decl. arc; and determine a mer. with the solar. The mer. thus determined intersects the rod set 10 chs. N. of my station, on the Polaris mer. I therefore conclude that the adjustments of the solar apparatus are satisfactory.

Mar. 21, 1915.

Mar. 24, 1915, at 8h., a.m., l.m.t., I set off 32° 35½' N. on the lat. arc; 1° 11' N. on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., described in Book "B."

Thence I run N. 0° 1' W. bet. secs. 35 and 36. Over level land through greasewood brush.

Wash, 20 lks. wide, 2 ft. deep, course, S. 80° E. Set an iron post 3 ft. long, 1 in. in diam. 26 ins in the ground for ¼ sec. cor, with brass cap mkd. ¼ S 35 on W. and S 36 on E. half, 1915 on S. rim.

5.60
40.00

from which,

A palo verde 12 ins. in diam., brs. N. 58° E. 140 lks dist. mkd. ¼ S 36 B T.

No other trees within limits.

Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor.

51.80
53.30
58.00
80.00

Wash, 30 lks. wide, 3 ft. deep, course, S. 85° E.

Wash, 20 lks. wide, 3 ft. deep, course, SE.

Wash, 15 lks. wide, 2 ft. deep, course, SE.

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

T.9 S R 3 E on N. half
S 25 in NE.
S 36 in SE.
S 35 in SW. and
S 26 in NW. quadrants,
1915 on S. rim.

from which,

An iron wood 18 ins in diam., brs. S. 6° E. 381 lks. dist. mkd. T 9 S R 3 E S 36 B T.

An iron wood 8 ins. in diam., brs. S. 1¼° W. 325 lks. dist. mkd. T 9 S R 3 E S 35 B T.

An iron wood 12 ins. in diam., brs. N. 38½° W. 203 lks. dist. mkd. T.9 S., R3 E S 26 B T.

No other trees within limits.

Dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor.

2. Subdivision of T.9 S., R.3 E.

Chains

Land, level.
Soil, sandy, 2nd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood brush and cacti.
Native grass.

40.00 East on a random line bet. secs. 25 and 36.
Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect E. bdy. of Tp. at cor. of secs. 25, 30, 31 and 36,
as described in Book "B."
Thence I run
West, on a true line bet. secs. 25 and 36.
Over level land, through greasewood brush.
39.96 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 25 on N. and
S 36 on S. half,
1915 on S. rim.
No trees within limits.
Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist.
and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high
N. of cor.
48.22 Wash, 60 lks, wide, 3 ft. deep, course, SE.
61.72 Wash, 20 lks. wide, 3 ft. deep, course, SE.
79.92 Cor. of secs. 25, 26, 35 and 36.
Land, level.
Soil, sandy, 2nd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood brush.

20.00 N. 0° 1' W. bet. secs. 25 and 26.
Over level land, through greasewood brush.
Wash, 80 lks. wide, 3 ft. deep, course, SE.
21.00 Road, 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. with brass cap mkd.
 $\frac{1}{4}$ S 26 on W. and
S 25 on E. half,
1915 on S. rim.
No trees within limits.
Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist.
and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high
W. of cor.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
in the ground for cor. of secs. 23, 24, 25 and 26,
with brass cap mkd.
T 9 S R 3 E. on N. half
S 24 in NE.
S 25 in SE.
S 26 in SW. and
S 23 in NW. quadrants,
1915 on S. rim.
from which
An iron wood stump 14 ins. in diam., brs.
N. 80° E. 8 lks. dist. not mkd.
An iron wood stump 12 ins. in diam., brs. S. 10° W.
16 lks. dist. not mkd.
Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and
raise a mound of earth $\frac{1}{2}$ ft. base 2 ft. high W. of cor.
Land, level.
Soil, sandy, 2nd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood brush.

40.00 East on a random line bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T.9 S., R.3 E.

3.

Chains 79.90	Intersect East bdy. of Tp. at cor. of secs. 19, 24, 25 and 30, as described in Book "B." Thence I run West on a true line bet. secs. 24 and 25. Over level land, through greasewood brush.
39.95	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 24 on N. and S 25 on S. half, 1915 on S. rim. No trees within limits. Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
79.90	Cor. of secs. 23, 24, 25 and 26. Land, level. Soil, sandy, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.
19.20 40.00	N.0° 1' W. bet. secs. 23 and 24. Over level land, through greasewood brush. Wash, 20 lks. wide, 3 ft. deep, course, E. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 23 on W. and S 24 on E. half, 1915 on S. rim. No trees within limits. Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor. At this cor. I set off 1° 14' N. on the decl. arc; and at apparent noon observe the sun on the mer. The resulting lat. is 32° 37' N.
50.40 69.70 73.20 79.00 80.00	Wash, 30 lks. wide, 3 ft. deep, course, NE. Road, brs. N.40° E. and S.40° W. Wash, 30 lks. wide, 3 ft. deep, course, N.80° E. Wash, 15 lks. wide, 2 ft. deep, course, E. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap mkd. T 9 S R 3 E on N. half, S 13 in NE. S 24 in SE. S 23 in SW. and S 14 in NW. quadrants, 1915 on S. rim. from which, A palo verde 12 ins. in diam., brs. N. 32 $\frac{1}{2}$ ° E. 77 lks. dist. mkd. T 9 S R 3 E S 13 B T. An iron wood 12 ins. in diam., brs. N. 52 $\frac{1}{4}$ ° W. 184 lks. dist. mkd. T 9 S R 3 E S 14 B T. No other trees within limits. Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level. Soil, sandy, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti. Native grass.
40.00 79.90	East, on a random line, bet. secs. 13 and 24. Set temp. $\frac{1}{4}$ sec. cor. Intersect E. bdy. of Tp., at cor. of secs. 13, 18, 19 and 24, as described in Book "B." Thence I run

4.

Subdivision of T.9 S., R.3 E.

Chains

	West, on a true line, bet. secs. 13 and 24. Over level land, through greasewood brush and scattering palo verde and iron wood.
16.60	Wash, 25 lks. wide, 3 ft. deep, course, N.70° E.
36.40	Trail bears, NE. and SW.
39.95	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 13 on N. and S 24 on S. half, 1915 on S. rim.
	No trees within limits. Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
48.90	Wash, 40 lks. wide, 3 ft. deep, course, N.70° E.
55.60	Road, bears, N.40° E. and S.40° W.
79.90	Cor. of secs. 13, 14, 23 and 24. Land, level. Soil, sandy, 1st rate. Timber, palo verde and iron wood. Undergrowth, greasewood brush and ocotillos.
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	N. 0° 1' W, bet. secs. 13 and 14. Over level land, through greasewood brush.
23.90	Wash, 15 lks. wide, 1 ft. deep, course, E.
33.80	Wash, 15 lks. wide, 2 ft. deep, course, E.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 14 on W. and S 13 on E. half, 1915 on S. rim.
	No trees within limits. Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
61.70	Wash, 30 lks. wide, 3 ft. deep, course, E.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap mkd. T 9 S R 3 E on N. half S 12 in NE. S 13 in SE. S 14 in SW. and S 11 in NW. quadrants, 1915 on S. rim.
	from which, A palo verde, 6 ins. in diam., bears N.8 $\frac{1}{4}$ ° E. 44 lks. dist. mkd. T 9 S R 3 E S 12 B T. A palo verde, 6 ins. in diam., bears S.13 $\frac{1}{2}$ ° E. 50 lks. dist. mkd. T 9 S R 3 E S 13 B T. An iron wood, 12 ins. in diam., bears S.83 $\frac{1}{2}$ ° W. 226 lks. dist. mkd. T 9 S R 3 E S 14 B T.
	No other trees within limits. Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level. Soil, sandy top with gravel subsoil, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.
	<hr/>
	East, on a random line, bet. secs. 12 and 13.
40.00	Set te, p. $\frac{1}{4}$ sec. cor.
79.90	Intersect E. bdy. of tp. 12 lks. N. of cor. of secs. 12, 13 and 18, as before described in Book "B." Thence I run N.89° 55' W. on a true line bet. secs. 12 and 13. Over level land, through greasewood brush.

Subdivision of T.9 S., R.3 E.

Chains

39.95

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

$\frac{1}{4}$ S 12 on N. and
S 13 on S. half,
1915 on S. rim.

No trees within limits.

Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

79.90

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

Land, level.

Soil, sandy top with gravel subsoil, 2nd rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood brush.

N. 0° 1' W. bet. secs. 11 and 12.

Over level land, through greasewood brush.

.30

Wash, 15 lks. wide, 2 ft. deep, course, N. 85° E.

17.20

Wash, 15 lks. wide, 2 ft. deep, course, E.

19.10

Wash, 15 lks. wide, 2 ft. deep, course, E.

40.00

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

$\frac{1}{4}$ S 11 on W. and
S 12 on E. half,
1915 on S. rim.

No trees within limits.

Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.

55.60

Wash, 15 lks. wide, 2 ft. deep, course, E.

61.00

Wash, 15 lks. wide, 2 ft. deep, course, E.

80.00

True point for cor. of secs. 1, 2, 11 and 12, falls in wash, 35 lks. wide, 2 ft. deep, course, S. 60° E., therefore at

79.17

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for witness cor. to cor. of secs. 1, 2, 11 and 12, with brass cap mkd.

WCT 9 S R 3 E on N. half

S 1 in NE.

S 12 in SE.

S 11 in SW. and

S 2 in NW. quadrants,

1915 on S. rim.

from which

An iron wood 8 ins. in diam., bears N. 1° 50' E.

114 lks. dist. mkd. W C T 9 S R 3 E S 1 B T.

An iron wood 14 ins. in diam., bears S. 40° 20' E.

200 lks. dist. mkd. W C T 9 S R 3 E S 12 B T.

A palo verde 14 ins. in diam., bears S. $80\frac{1}{2}^{\circ}$ W.

150 lks. dist. mkd. W C T 9 S R 3 E S 11 B T.

No other trees within limits.

Dig pits 18 X 18 X 12 ins. NE., SE., SW. and NW. of cor. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land, level.

Soil, sandy top with gravel subsoil, 2nd rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood brush.

Native grass.

W.H.T. Mar. 24, 1915.

W.K.K. Survey commenced Mar. 25, 1915. For description of instrument, see book "A". For description of recent tests on Polaris Mer. see book "B" under Mar. 21, 1915. Mar. 25, 1915, at 2h. p.m., 1 m.t., I set off 32° 40' N. on the lat. arc; 1° 40' N. on the decl. arc; and determine a mer. with the solar, at the true point for cor. of secs. 1, 2, 11 and 12. Thence I run East, on a random line, bet. secs. 1 and 12.

6. Subdivision of T.9 S. R.3 E.

Chains	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect E. bdy. of tp. 17 lks. N. of cor. of secs. 1, 2, 11 and 12, described in Book "B."
	Thence I run
	N. $89^{\circ} 53'$ W. on a true line bet. secs. 1 and 12.
	Over level land, through greasewood brush and scattering palo verde and iron wood,
39.95	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 1 on N. and
	S 12 on S. half,
	1915 on S. rim.
	from which,
	An iron wood 8 ins. in diam., bears N. $83^{\circ} 20'$ E.
	292 lks. dist. mkd. $\frac{1}{4}$ S 1 B T.
	An iron wood 8 ins. in diam., bears S. $38\frac{1}{2}^{\circ}$ E.
	165 lks. dist. mkd. $\frac{1}{4}$ S 12 B T.
50.60	Wash, 35 lks. wide, 2 ft. deep, course, S. 70° E.
79.90	True point for cor. of secs. 1, 2, 11 and 12.
	Land, level.
	Soil, sandy loam, 1st rate.
	Timber, scattering palo verde and iron wood.
	Undergrowth, greasewood brush.
	From true point for cor. of secs. 1, 2, 11 and 12, I run,
	N. $0^{\circ} 1'$ W., on a random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.81	Intersect N. bdy. of tp., 30 lks. E. of cor. of secs. 1, 2, 11 and 12, established by me and described in book "B".
	Thence I run
	S $0^{\circ} 14'$ E., on a true line, bet. secs. 1 and 2.
	Over level land, through greasewood brush.
10.00	Wash, 25 lks. wide, 2 ft. deep, course, E.
18.10	Wash, 25 lks. wide, 2 ft. deep, course, E.
36.00	Wash, 25 lks. wide, 2 ft. deep, course, E.
39.81	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 2 on W. and
	S 1 on E. half,
	1915 on S. rim.
	No trees within limits.
	Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
53.10	Wash, 20 lks. wide, 2 ft. deep, course S. 70° E.
64.40	Wash, 20 lks. wide, 2 ft. deep, course, S. 70° E.
79.81	True point for cor. of secs. 1, 2, 11 and 12, in wash 35 lks. wide, 3 ft. deep, course S. 60° E.
	Land, level.
	Soil, sandy loam, 1st rate.
	Timber, scattering palo verde and iron wood.
	Undergrowth, greasewood brush.
	W.K.K. Mar. 25, 1915.
	W.H.T.
	Mar. 25, 1915, at 7h.30m., a.m., l.m.t., I set off $32^{\circ} 35\frac{1}{2}'$ N. on the lat. arc; $1^{\circ} 34'$ N. on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 2, 3, 34 and 35, on S. bdy. of tp., described in Book "B."
	Thence I run
	N. $0^{\circ} 1'$ W. bet. secs. 34 and 35.
	Over slightly rolling land, through greasewood brush.
3.20	Wash, 10 lks. wide, 2 ft. deep, course, E.
3.30	Road, bears, NW. and SE.
10.00	Wash, 40 lks. wide, 3 ft. deep, course, E.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

Subdivision of T.9 S..R.3 E.

Chains	
	<p> $\frac{1}{4}$ S. 34 on W. and S 35 on E. half, 1915 on S. rim. No trees within limits. Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor. </p>
68.00	Wash, 20 lks. wide, 2 ft. deep, course, E.
72.20	Wash, 60 lks. wide, 3 ft. deep, course, E.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with brass cap mkd.
	<p> T 9 S R 3 E on N. half, S 26 in NE. S 35 in SE. S 34 in SW. and S 27 in NW. quadrants, 1915 on S. rim. No trees within limits. Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level. Soil, sandy surface, gravel subsoil, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush and cacti. Native grass. </p>
	East, on a random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.03	Intersect N. and S. line, 5 lks. S. of cor. of secs. 25, 26, 35 and 36.
	Thence I run
	S. $89^{\circ} 58'$ W. on a true line bet. secs. 26 and 35.
	Over level land, through greasewood brush.
30.20	Wash, 10 lks. wide, 2 ft. deep, course, S. 50° E.
40.01 $\frac{1}{2}$	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	<p> $\frac{1}{4}$ S 26 on N. and S 35 on S. half, 1915 on S. rim. No trees within limits. Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor. </p>
80.03	Cor. of secs. 26, 27, 34 and 35.
	Land, level.
	Soil, sandy, 2nd rate.
	Timber, scattering palo verde and iron wood.
	Undergrowth, greasewood brush.
	Native grass.
	N. $0^{\circ} 1'$ W. bet. secs. 26 and 27.
	Over slightly rolling land through greasewood brush.
18.30	Road, bears, N. 30° E. and S. 30° W.
19.70	Wash, 10 lks. wide, 2 ft. deep, course, S. 60° E.
25.80	Road, bears, 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. with brass cap mkd.
	<p> $\frac{1}{4}$ S 27 on W. and S 26 on E. half, 1915 on S. rim. No trees within limits. Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor. </p>
69.60	Road, bears, NE. and SW.
70.00	Wash, 80 lks. wide, 4 ft. deep, course, SE.

8.

Subdivision of T.9 S., R.3 E.

Chains

80.00

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap mkd.

T 9 S R 3 E on N. half,

S 23 in NE.

S 26 in SE.

S 27 in SW. and

S 22 in NW. quadrants,

1915 on S rim.

No trees within limits.

Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft, base 2 ft. high W. of cor.=

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood brush.

Native grass.

40.00

East on a random line, bet. secs. 23 and 26.

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

80.02

Intersect N. and S. line at cor. of secs. 23, 24, 25 and 26.

Thence I run

West on a true line bet. secs. 23 and 26.

Over level land, through greasewood brush.

40.01

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

$\frac{1}{4}$ S 23 on N. and

S 26 on S. half,

1915 on S. rim.

No trees within limits.

Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

71.32

Road, bears, NE. and SW.

80.02

Cor. of secs. 22, 23, 26 and 27.

Land, level.

Soil, sandy, 2nd rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood brush.

Native grass.

33.30

N. 0° 1' W. bet. secs. 22 and 23.

Over slightly rolling land.

38.40

Wash, 100 lks. wide, 4 ft. deep, course, N. 80° E.

40.00

Wash, 40 lks. wide, 5 ft. deep, course, S. 80° E.

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

$\frac{1}{4}$ S 22 on W. and

S 23 on E. half,

1915 on S. rim.

No trees within limits.

Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

59.10

Wash, 20 lks. wide, 2 ft. deep, course, E.

65.00

Wash, 20 lks. wide, 2 ft. deep, course, E.

67.60

Wash, 10 lks. wide, 2 ft. deep, course, SE.

80.00

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap mkd.

T 9 S R 3 E on N. half,

S 14 in NE.

S 23 in SE.

S 22 in SW. and

S 15 in NW. quadrants,

1915 on S' rim.

Subdivision of T.9 S., R.3 E.

Chains	
	<p>No trees within limits. Dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, slightly rolling. Soil, sandy, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush. Native grass. At this cor. I sett. off 1° 38' N. on the decl. arc; and at apparent noon observe the sun on the mer. The resulting lat. is 32° 38' N.</p>
40.00	East on a random line bet. secs. 14 and 23.
80.00	Set temp. ¼ sec. cor. Intersect N. and S. line at cor. of secs. 13, 14, 23 and 24. Thence I run
14.10	West on a true line bet, secs. 14 and 23. Over level land, through greasewood brush.
40.00	Wash, 20 lks. wide, 2 ft. deep, course, SE. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd. ¼ S 14 on N. and S 23 on S. half, 1915 on S. rim.
41.50	No trees within limits.
47.40	Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
80.00	Wash, 15 lks. wide, 2 ft. deep, course, NE. Wash, 15 lks. wide, 2 ft. deep, course, SE. Cor. of secs. 14, 15, 22 and 23. Land, level. Soil, sandy, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush. Native grass.
1.60	N. 0° 1' W. bet. secs. 14 and 15.
11.40	Over level land through greasewood brush.
22.70	Wash, 15 lks. wide, 2 ft. deep, course, E.
23.60	Wash, 15 lks. wide, 2 ft. deep, course, E.
28.50	Wash, 20 lks. wide, 2 ft. deep, course, SE.
40.00	Wash, 20 lks. wide, 2 ft. deep, course, SE.
39.90	Wash, 20 lks. wide, 2 ft. deep, course, E. True point for ¼ sec. cor. falls in wash, 10 lks. wide, 1½ ft. deep, course, E., therefore at Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to ¼ sec. cor. with brass cap mkd. W C on N., ¼ S 15 on W. and S 14 on E. half, 1915 on S. rim.
50.40	Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft dist. and raise a mound of earth, 3½ ft. base 1½ ft. high W. of cor. No trees within limits.
68.30	Wash, 20 lks. wide, 2 ft. deep, course E.
73.50	Wash, 20 lks. wide, 2 ft. deep, course, SE.
80.00	Wash, 20 lks. wide, 2 ft. deep, course, SE. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap mkd. T 9 S R 3 E. on N. half, S 11 in NE. S 14 in SE. S 15 in SW. and S 10 in NW. quadrants, 1915 on S. rim,

10.

Subdivision of T.9 S., R.3 E.

Chains

from which,
 A palo verde 10 ins. in diam., bears, N.47½° W.
 90 lks. dist. mkd. T 9 S R 3 E S 10 B T.
 No other trees within limits.
 Dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and
 raise a mound of earth 4 ft. base 2 ft. high W. of
 cor.
 Land, level.
 Soil, sandy, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush.
 Native grass.

40.00
79.98

East, on a random line bet. secs. 11 and 14.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line 2 lks. S. of cor. of secs. 11,
 12, 13 and 14.
 Thence I run
 S.89° 59' W. on a true line bet. secs. 11 and 14.
 Over level land through greasewood brush.
 Wash, 15 lks. wide, 2 ft. deep, course, NE.
 Wash, 15 lks. wide, 2 ft. deep, course, SE.
 As true point for ¼ sec. cor. will fall in wash, at this
 point I set an iron post 3 ft. long, 1 in. in diam.,
 26 ins. in the ground, for witness cor. to ¼ sec. cor. with
 brass cap mkd.
 W C on W.
 ¼ S 11 on N. and
 S 14 on S. half,
 1915 on S. rim.

1.60
35.00
38.19

from which,
 A palo verde 10 ins. in diam., bears N. 79° W.
 61 lks. dist. mkd. W C ¼ S 11 B T.
 No other trees within limits.
 Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist.
 and raise a mound of earth, 3½ ft. base 1½ ft. high N. of cor.
 Enter wash 15 lks. wide, 2 ft. deep, course NE.
 True point, for ¼ sec. cor. in wash, course, SE.
 Leave wash, 15 lks. wide, 2 ft. deep, course, SE.
 Cor. of secs. 10, 11, 14 and 15.
 Land, level.
 Soil, sandy, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush.
 Native grass.

39.00
39.99
42.26
79.98

18.30
26.70
35.70
36.50
40.00

N. 0° 1' W. bet. secs. 10 and 11.
 Over level land, through greasewood brush.
 Wash, 15 lks. wide, 2 ft. deep, course, SE.
 Wash, 15 lks. wide, 2 ft. deep, course, E.
 Wash, 15 lks. wide, 1 ft. deep, course, NE.
 Road, bears, NE. and SW.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec. cor. with brass cap mkd.
 ¼ S 10 on W. and
 S 11 on E. half,
 1915 on S. rim.

44.40
80.00
80.25

No trees within limits.
 Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist.
 and raise a mound of earth 3½ ft. base 1½ ft. high
 W. of cor.
 Wash, 20 lks. wide, 2 ft. deep, course, E.
 True point for sec. cor. falls in wash, 25 lks. wide, 2 ft.
 deep, course, S.70° E. therefore at
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground for witness cor. to cor. of secs. 2, 3, 10 and 11, with

Subdivision of Township 9 South, Range 3 East.

11.

Chains.

brass cap, marked
W C T 9 S R 3 E on N.half;
S 2 in NE.,
S 11 in SE.,
S 10 in SW., and
S 3 in NW. quadrants;
1915 on S rim.

No trees within limits.
Dig pits 18x18x12 ins., NE., SE., SW., and NW. of cor. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
Land, level.
Soil, sandy, 2nd rate.
Timber, scattering palo verde and ironwood.
Undergrowth, greasewood brush.
Native grass.

W.H.T. Mar. 25, 1915.

W.K.K.
Mar. 27, 1915: From true point for cor. of secs. 2, 3, 10 and 11, I run,

40.00 East, on a random line, bet. secs. 2 and 11.
79.98 Set temp. 1/4 sec. cor.
Intersect N. and S. line, 3 lks. S. of true point for cor. of secs. 1, 2, 11 and 12.

11.80 Thence I run,
39.99 S. 89° 59' W., on a true line, bet. secs. 2 and 11.
Over level land, through greasewood brush.

Road brs. NE. and SW.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked
S 2 on N., and
S 11 in S. half;
1915 on S. rim.

No trees within limits.
Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

61.60 Wash, 30 lks. wide, 1 ft. deep, course S. 70° E.
70.00 Wash, 25 lks. wide, 1 ft. deep, course SE.
79.98 True point for cor. of secs. 2, 3, 10 and 11 (W.C. bears N. 0° 1' W., 25 lks. dist.)

Land, level.
Soil, sandy, 2nd rate.
Timber, scattering palo verde and ironwood.
Undergrowth, greasewood brush.

From true point for cor. of secs. 2, 3, 10 and 11, I run, N. 0° 1' W., on a random line, bet. secs. 2 and 3.

40.00 Set temp. 1/4 sec. cor.
79.80 Intersect N. bdy. of Tp., 24 lks. E. of cor. of secs. 2 and 3, established by me, and described in Book "B."

17.10 Thence I run,
26.60 S. 0° 11' E., on a true line, bet. secs. 2 and 3.
37.10 Over level land, through greasewood brush.

Wash, 15 lks. wide, 2 ft. deep, course S. 20° E.
26.60 Wash, 20 lks. wide, 2 ft. deep, course S. 20° E.
37.10 Wash, 20 lks. wide, 2 ft. deep, course E.

39.80 True point for 1/4 sec. cor., falls in wash, 20 lks. wide, 2 ft. deep, course S. 70° E.; therefore at
40.65 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to 1/4 sec. cor., with brass cap, marked

W C on N.,
1/4 S 3 on W., and
S 2 on E. half;
1915 on S. rim.

No trees within limits. Dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

12. Subdivision of Township 9 South Range 3 East

Chains.	
48.80	Wash, 20 lks. wide, 1 ft. deep, course SE.
79.55	Witness cor. to cor. of secs. 2, 3, 10 and 11 (N. 0° 1' W. from true point for cor.)
79.80	True point for cor. of secs. 2, 3, 10 and 11. Land, level. Soil, sandy, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush.
	Mar. 27, 1915.

	Mar. 26, 1915: At 8h. a.m., 1.m.t., I set off 32° 35' N. on the lat. arc; 1° 58' N., on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp., described in Book "B."
	Thence I run, N. 0° 2' W., bet. secs. 33 and 34. On SE. slope of mountain.
7.25	Road brs. NE. and SW.
13.00	Top of spur ridge, 140 ft. high, slopes E. Prospect hole and dump bear E. about 10 chs. dist.
	Descend NE. slope, 139 ft. to
25.60	Wash, 25 lks. wide, 3 ft. deep, course NE.
	Ascend gradual SE. slope, 23 ft. to
26.59	Intersect SE. side line of patented mining claim (Virginia Lot No. 43) Survey No. 693 at 3.84 chs. N. 43° 31' E. from cor. No. 5. Thence across said claim.
33.00	Saddle between hills. Round hill brs. E. about 5 chs. dist.
	Descend NW. slope.
39.22	Intersect NW. side line of patented mining claim (Virginia Lot No. 43) Survey No. 693 at 11.58 chs. N. 44° 28' E. from Cor. No. 3. Leave patented mineral land.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock, in a mound of stone, 3 ft. base, 2 ft. high, for sec. cor., with brass cap, marked S 33 on W., and S 34 on E. half; 1915 on S. rim.
	No trees within limits. Pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, W. of cor.
47.50	Wash, 20 lks. wide, 2 ft. deep, course N. 20° E. Foot of descent 64 ft.
48.60	Road brs. E and W.
50.00	Wash, 100 lks. wide, 2 ft. deep, course E.
54.80	Road brs. SW. and NE.
55.86	Wash, 50 lks. wide, 3 ft. deep, course E.
68.10	Road forks E. and W., and SE.
70.00	Wash, 50 lks. wide, 1 ft. deep, course E.
73.70	Engine and mine shaft of the Christmas Gift Mine brs. E.
77.20	Wash, 50 lks. wide, 3 ft. deep, course SE. Ascend gentle S. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 8 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, 2 ft. high, for cor. of secs. 27, 28, 33 and 34, with brass cap, marked T 9 S R 3 E on N. half; S 27 in NE., S 34 in SE., S 33 in SW., and S 28 in NW. quadrants; 1915 on S. rim.
	No trees within limits. Pits impracticable. Build a mound of stone, 3 ft. base, 2 ft. high, W. of cor. U.S. Mineral Monument No. 1, brs. S. 37° 43' E., 12.98 chs. dist., from above cor.
	Land, rolling and hilly. Soil, stony, 4th rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush, ocotillos and cacti.

Subdivision of T.9 S., R.3 E.

Chains	
	East on a random line bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line 2 lks. S. of cor. of secs. 26, 27, 34 and 35.
	Thence I run
	S. $89^{\circ} 59'$ W. on a true line bet. secs. 27 and 34.
	Over level land.
19.70	Wash, 10 lks. wide, 4 ft. deep, course, S. 20° E.
25.95	Wash, 10 lks. wide, 2 ft. deep, course, SE.
31.16	Wash, 50 lks. wide, 3 ft. deep, course, S. 60° E.
39.98	Set an iron post 3 ft long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 27 on N. and
	S 34 on S. half,
	1915 on S. rim.
	No trees within limits.
	Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
47.45	Road, bears, S. 60° E. and N. 60° W.
50.00	Three houses belonging to Christmas Gift Mine bear S. about 200 lks. dist.
56.46	Small house on line.
68.96	Ascend E. slope of spur ridge, 85 ft. to
71.76	Top of spur, slopes S.
	Christmas Gift shaft and engine houses bear S.
	Descend SW. slope 84 ft. to
79.96	Cor. of secs. 27, 28, 33 and 34.
	Land, level and hilly.
	Soil, 60 chs, gravel, 2nd rate, remainder stony, 4th rate.
	Timber, scattering palo verde and iron wood.
	Undergrowth, greasewood brush, ocotillos, and cacti.
	At this cor. I set off $2^{\circ} 1'$ N. on the decl. arc; and at apparent noon observe the sun on the mer. The resulting lat. is $32^{\circ} 36\frac{1}{2}'$ N.
<hr/>	
	N. $0^{\circ} 2'$ W. bet. secs. 27 and 28.
14.10	Over SW. slope of mountain, ascend 167 ft. to
	Top of ridge bears SE and NW.
	Descend NE. slope, 159 ft. to
23.70	Foot of descent. Thence over rolling land.
26.64	Wash, 35 lks. wide, 2 ft. deep, course, E.
30.00	Wash, 25 lks. wide, 2 ft. deep, course, E.
36.63	Ascend S. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base 2 ft. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 28 on W. and
	S 27 on E. half,
	1915 on S. rim.
	No trees within limits. Pits impracticable.
	Build a mound of stone 3 ft. base $2\frac{1}{2}$ ft. high W. of cor.
49.60	Top of spur, 196 ft. ascent, slopes SE.
	Descend NE. slope, 77 ft. to
54.93	Wash, 25 lks. wide, 2 ft. deep, course, NE.
	Ascend S. slope, 16 ft. to
57.50	Spur ridge, slopes NE.
	Descend over rough broken N. slope, 86 ft. to
77.46	Wash, 25 lks. wide, 4 ft. deep, course, S. 20° E.
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, with brass cap mkd.
	T 9 S R 3 E on N. half,
	S 22 in NE.
	S 27 in SE.
	S 28 in SW. and
	S 21 in NW. quadrants,
	1915 on S. rim.
	from which,
	A palo verde 8 ins. in diam., bears N. $29\frac{1}{2}^{\circ}$ E.

14.

Subdivision of T.9 S.R.3 E.

Chains

	<p>187 lks. dist. mkd. T 9 S R 3 E S 22 B T. A palo verde 6 ins. in diam., bears S.35$\frac{3}{4}$$^{\circ}$ E. 108 lks. dist. mkd. T 9 S R 3 E S 27 B T. A palo verde 8 ins. in diam. bears S.77$^{\circ}$ W. 22 lks. dist. mkd., T 9 S R 3 E S 28 B T. A palo verde 6 ins. in diam., bears N.32$\frac{1}{2}$$^{\circ}$ W. 176 lks. dist. mkd. T.9 S R 3 E S 21 B T.</p> <p>Land, mountainous. Soil, stony, 4th rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush and cacti.</p>
	<p>East on a random line bet. secs. 22 and 27. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 2 lks. N. of cor. of secs. 22, 23, 26 and 27. Thence I run N.89$^{\circ}$ 59' W. on a true line bet. secs. 22 and 27. Over rolling land, through scattering palo verde and iron wood.</p>
40.00	
79.96	
	<p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 22 on N. and S 27 on S. half, 1915 on S. rim, from which, A palo verde 6 ins. in diam., bears, N.7$\frac{3}{4}$$^{\circ}$ W. 14 lks. dist. mkd. $\frac{1}{4}$ S 22 B T A palo verde 6 ins. in diam., bears, S.13$\frac{3}{4}$$^{\circ}$ W. 69 lks. dist. mkd. $\frac{1}{4}$ S 27 B T.</p>
39.98	
	<p>Wash, 100 lks. wide, 4 ft. deep, course, N.70$^{\circ}$ E. Wash, 75 lks. wide, 2 ft. deep, course, SE. Wash, 75 lks. wide, 2 ft. deep, course, SE. Cor. of secs. 21, 22, 27 and 28. Land, rolling, and level. Soil, gravel, 3rd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.</p>
47.16	
70.46	
71.06	
79.96	
	<p>N.0$^{\circ}$ 2' W. bet. secs. 21 and 22. Over rolling land, through scattering palo verde and iron wood.</p>
14.30	
39.25	
40.00	
	<p>Wash, 100 lks. wide, 10 ft. deep, course, E. Wash, 25 lks. wide, 3 ft. deep, course, E. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 21 on W. and S 22 on E. half, 1915 on S. rim. from which, An iron wood 10 ins. in diam., bears, S.21$\frac{3}{4}$$^{\circ}$ W. 129 lks. dist. mkd. $\frac{1}{4}$ S 21 B T. An iron wood 14 ins. in diam., bears, S.57$\frac{3}{4}$$^{\circ}$ E. 70 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.</p>
47.30	
56.90	
66.30	
80.00	
	<p>Wash, 15 lks. wide, 2 ft. deep, course, E. Wash, 25 lks. wide, 2 ft. deep, course, E. Wash, 25 lks. wide, 3 ft. deep, course, E. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap mkd. T, 9 S R 3 E on N. half, S 15 in NE. S 22 in SE. S 21 in SW. and S 16 in NW. quadrants, 1915 on S. rim.</p> <p>No trees within limits. Dig pits 18 X 18 X 12 ins. in each sec. 5$\frac{1}{2}$ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high W. of cor.</p>

Subdivision of T.9 S., R.3 E.

Chains

Land, rolling.
 Soil, gravel, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush.

40.00 East on a random line bet. secs. 15 and 22.
 79.97 Set temp. $\frac{1}{4}$ sec, cor.
 Intersect N. and S. line, at cor. of secs. 14, 15, 22 and 23.
 Thence I run
 West on a true line, bet. secs. 15 and 22.
 Over rolling land, through greasewood brush and scattering palo verde and iron wood.
 13.87 Wash, 10 lks. wide, 1 ft. deep, course, SE.
 39.98 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 15 on N. and
 S 22 on S. half,
 1915 on S. rim.
 No trees within limits.
 Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
 79.97 Cor. of secs. 15, 16, 21 and 22.
 Land, rolling.
 Soil, gravel, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush.

N.0° 2' W. bet. secs. 15 and 16.
 Over level land, through greasewood brush and scattering palo verde and iron wood.
 8.80 Wash, 15 lks. wide, 2 ft. deep, course, N.20° E.
 17.50 Wash, 15 lks. wide, 2 ft. deep, course, E.
 21.60 Wash, 25 lks. wide, 1 ft. deep, course, E.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 16 on W. and
 S 15 on E. half,
 1915 on S. rim.
 No trees within limits.
 Dig pits 18 X 18 X 12 ins. N. and S. of cor 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
 43.40 Wash, 20 lks. wide, 1 ft. deep, course, E.
 72.20 Wash, 20 lks. wide, 2 ft. deep, course, E.
 75.80 Road, bears, S.20° W. and N.20° E.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16, with brass cap mkd.
 T 9 S R 3 E on N. half,
 S 10 in NE.
 S 15 in SE.
 S 16 in SW. and
 S 9 in NW. quadrants,
 1915 on S. rim.
 No trees within limits.
 Dig pits 18 X 18 X 12 ins. in each secs. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft, base 2 ft. high W. of cor.
 Land, level.
 Soil, gravel, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush.

Mar. 26, 1915.

16. Subdivision of T.9 S., R.3 E.

Chains

Mar. 27, 1915.
 East on a random line bet. secs. 10 and 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line 4 lks. S. of cor. of secs.
 10, 11, 14 and 15.
 Thence I run
 S. $89^{\circ} 58'$ W. on a true line bet. secs. 10 and 15.
 Over level land, through greasewood brush and scattering
 palo verde and iron wood.
 17.66 Wash, 15 lks. wide, 1 ft. deep, course, S. 70° E.
 40.03 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 10 on N. and
 S 15 on S. half,
 1915 on S. rim.
 No trees within limits.
 Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist.
 and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high
 N. of cor.
 67.76 Road, bears, N. 60° E. and S. 60° W.
 80.06 Cor. of secs. 9, 10, 15, and 16.
 Land, level.
 Soil, sandy loam, 1st rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush, and scattering mesquite.

N. $0^{\circ} 2'$ W. bet. secs. 9 and 10.
 Over level land, through greasewood brush, mesquite and
 scattering palo verde.
 16.00 Wash, 50 lks. wide, 2 ft. deep, course, S. 70° E.
 23.90 Wash, 50 lks. wide, 2 ft. deep, course, S. 70° E.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 9 on W. and
 S 10 on E. half,
 1915 on S. rim,
 from which,
 A palo verde, 6 ins. in diam., bears, N. 20° W.
 112 lks. dist. mkd. $\frac{1}{4}$ S 9 B T.
 A palo verde, 14 ins. in diam., bears, N. $78\frac{1}{4}^{\circ}$ E.
 190 lks. dist. mkd. $\frac{1}{4}$ S 10 B T.
 44.20 Wash, 10 lks. wide, 1 ft. deep, course, NE.
 54.10 Wash, 35 lks. wide, 1 ft. deep, course, SE.
 61.00 Wash, 35 lks. wide, 1 ft. deep, course, S. 30° E.
 64.00 Wash, 35 lks. wide, 1 ft. deep, course, E.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground for cor. of secs. 3, 4, 9 and 10, with
 brass cap mkd.
 T.9 S R 3 E on N. half,
 S 3 in NE.
 S 10 in SE.
 S 9 in SW. and
 S 4 in NW. quadrants,
 1915 on S. rim.
 from which,
 A palo verde, 15 ins. in diam., bears, N. $83^{\circ} 10'$ E.
 123 lks. dist. mkd. T 9 S R 3 E S 3 B T.
 A palo verde, 10 ins. in diam., bears, S. $52^{\circ} 55'$ W.
 280 lks. dist. mkd. T 9 S R 3 E S 9 B T.
 A palo verde, 14 ins. in diam., bears, N. $19\frac{3}{4}^{\circ}$ W.
 220 lks. dist. mkd. T 9 S R 3 E S 4 B T.
 No other trees near.
 Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and
 raise a mound of earth 4 ft. base 2 ft high W. of
 cor.
 Land, level.
 Soil, sandy loam, 1st rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush and scattering mesquite,
 At this cor. I set off $2^{\circ} 25'$ N. on the decl. arc; and at
 apparent noon observe the sun on the mer. The result-
 ing lat. is $32^{\circ} 39\frac{1}{2}'$ N.

Subdivision of T.9 S..R.3 E.

Chains

East on a random line bet. secs. 3 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Intersect N. and S. line 4 lks. S. of true point for cor. of secs. 2, 3, 10 and 11. (true point 25 lks. S. 0° 1' E. of W.C.)
 Thence I run
 S. 89° 58' W. on a true line bet. secs. 3 and 10.
 Over level land, through greasewood brush, mesquite and scattering palo verde.
 8.28 Wash, 25 lks. wide, 1 ft. deep, course, S. 60° E.
 40.04 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 3 on N. and
 S 10 on S. half,
 1915 on S. rim.
 No trees within limits.
 Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
 46.48 Wash, 10 lks. wide, 1 ft. deep, course, SE.
 63.00 Wash, 20 lks. wide, 1 ft. deep, course, SE.
 79.10 Wash, 25 lks. wide, 2 ft. deep, course, SE.
 80.08 Cor. of secs. 3, 4, 9 and 10.
 Land, level.
 Soil, sandy loam, 1st rate.
 Timber, scattering palo verde.
 Undergrowth, greasewood brush and scattering mesquite.

N. 0° 2' W. on a random line bet. secs. 3 and 4.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.83 Intersect N. bdy. of tp. 9 lks. W. of cor. of secs. 3, 4, and 33, established by me and described in book "B".
 Thence I run
 S. 0° 2' W. on a true line bet. secs. 3 and 4.
 Over rolling land, through greasewood brush and scattering palo verde and iron wood.
 9.83 Wash, 25 lks. wide, 1 ft. deep, course, E.
 19.43 Wash, 20 lks. wide, 1 ft. deep, course, E.
 37.53 Wash, 25 lks. wide, 1 ft. deep, course, S. 70° E.
 39.83 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 4 on W. and
 S 3 on E. half,
 1915 on S. rim.
 No trees within limits.
 Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
 58.33 Wash, 15 lks. wide, 1 ft. deep, course, E.
 59.80 Wash, 10 lks. wide, 1 ft. deep, course, E.
 70.80 Wash, 10 lks. wide, 1 ft. deep, course, E.
 77.33 Wash, 35 lks. wide, 2 ft. deep, course, SE.
 79.83 Cor. of secs. 3, 4, 9 and 10.
 Land, rolling,
 Soil, sandy loam, 1st rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush.
 W.K.K. Mar. 27, 1915.

W.H.T.
 Mar. 26, 1915, at 8h. 30m., a.m., l.m.t., I set off 32° 35'
 N. on the lat. arc; 1° 58' N. on the decl. arc; and
 determine a mer. with the solar at the cor of secs.
 4, 5, 32 and 33, on S. bdy. of Tp. described in Book "B."
 Thence I run
 N. 0° 2' W. bet. secs. 32 and 33.
 Over rolling land, through greasewood brush and scattering
 Palo verde.
 .30 Wash, 15 lks, wide, 2 ft. deep, course, SE.

18. Subdivision of T.9 S., R.3 E.

Chains	
2.00	Mining claim cor. which is a pine post 3 ft. long, 4 ins. square, not marked, bears E. 80 lks. dist., with mound of stone, 3 ft. base, 2½ ft. high E. of cor.
6.40	Mining claim cor., which is a palo verde post 3 ins. square in a mound of stone, 3 ft. base 2 ft. high, (on line) mkd. C E P on N. face.
10.00	Descend gradual N. slope.
12.00	Wash, 30 lks. wide, 5 ft. deep, course, N.40° W.
25.00	Change to W. slope.
28.30	Ravine, 25 lks. wide, 4 ft. deep, course, W.
32.70	Descend gradual NW. slope.
37.80	Wash, 80 lks. wide, 12 ft. deep, course, N.30° E.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd. ¼ S 32 on W. and S 33 on E. half, 1915 on S. rim.
	No trees within limits. Pits impracticable. Build a mound of stone, 3 ft. base 2 ft. high W. of cor.
58.00	Wash, 30 lks. wide, 6 ft. deep, course, N.40° E.
59.00	Over gradual E. slope.
63.20	Wash, 100 lks. wide, 8 ft. deep, course, N.50° E.
67.40	Wash, 80 lks. wide, 6 ft. deep, course, E. Ascend gradual SE. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock, in a mound of stone, 3 ft. base, 1 ft. high, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd. T 9 S R 3 E on N. half S 28 in NE. S 33 in SE. S 32 in SW. and S 29 in NW. quadrants, 1915 on S. rim.
	No trees within limits. Pits impracticable. Build a mound of earth 3 ft. base, 2 ft. high W. of cor. Land, hilly and rolling. Soil, stony, limestone and volcanic formation, 4th rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti.
40.00	East on a random line bet. secs. 28 and 33. Set temp. ¼ sec. cor.
79.95	Intersect N. and S. line, 3 lks. N. of cor. of secs. 27, 28, 33 and 34. Thence I run N.89° 59' W. on a true line get. secs. 28 and 33.
.95	Wash, 30 lks. wide, 5 ft. deep, course, SE.
6.40	Wash, 30 lks. wide, 5 ft. deep, course, NE. Ascend E. slope, 108 ft. to
20.15	Change to S. slope.
25.10	Descend SW. slope, 92 ft.
35.00	Foot of hill.
38.55	Road, bears, NW. and SE.
39.97½	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd. ¼ S 28 on N. and S 33 on S. half, 1915 on S. rim.
	No trees within limits. Pits impracticable. Build a mound of stone, 3 ft. base 2 ft. high N. of cor.
63.15	Ravine, 40 lks. wide, 5 ft. deep, course N.30° E. Ascend E. slope, 4th rate.
79.95	Cor. of secs. 28, 29, 32 and 33. Land, hilly and rolling. Brush, ocotillos, and cacti. Soil, gravel and stony, 4th rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush, ocotillos and cacti.

Subdivision of T.9 S. R.3 E.

Chains	
	N.0° 2' W. bet. secs. 28 and 29. Over rolling land, through greasewood brush and scattering palo verde.
7.90	Descend NE. slope, 23 ft. to Wash, 20 lks. wide, 4 ft. deep, course, NE.
15.17	Ascend SE. slope, 37 ft.
25.16	Descend NE slope, 23 ft.
30.45	Descend NW. slope, 22 ft. to Wash, 30 lks. wide, 5 ft. deep, course, NE.
40.00	True point for ¼ sec. cor. falls in wash, 20 lks. wide, 3 ft. deep, course, W., therefore at
39.96	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to ¼ sec. cor. with brass cap mkd. WC on N., ¼ S 29 on W. and S 28 on E. half, 1915 on S. rim.
	No trees within limits. Pits impracticable.
40.60	Build a mound of stone, 3 ft. base 2 ft. high W. of cor. Road, bears, E. and W. Asc. S. slope, to
45.00	Desc. NE. sbpe.
57.00	Wash, 30 lks. wide, 5 ft. deep, course, S.60° E. Ascend SW. sbpe 34 ft.
78.50	Change to W. sbpe.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap mkd. T 9 S R 3 E on N. half, S 21 in NE. S 28 in SE. S 29 in SW. and S 20 in NW. quadrants, 1915 on S. rim.
	No trees within limits. Pits impracticable.
	Build a mound of stone, 3 ft. base 2 ft. high W. of cor. Land, hilly and rolling.
	Soil, gravel, limestone and volcanic formation, stony 4th rate.
	Timber, scattering palo verde and iron wood. Undergrowth, greasewood, ocotillos and cacti.
	East on a random line bet. secs. 21 and 28.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line 9 lks. N. of cor. of secs. 21, 22, 27 and 28. Thence I run N.89° 56' W. on a true line bet. secs. 21 and 28.
	Over hilly land.
	Ascend E. slope, 45 ft. to
16.00	Descend NW. slope 33 ft. to
30.30	Wash, 20 lks. wide, 3 ft. deep, course, N.40° E. Ascend SE. slope, 69 ft.
39.99	Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base 1½ ft. high, for ¼ sec. cor. with brass cap mkd. ¼ S 21 on N. and S 28 on S. half, 1915 on S. rim.
	No trees within limits. Pits impracticable.
	Build a mound of stone, 3 ft. base 2 ft. high N. of cor.
42.75	Change to NE. slope.
48.54	Descend NW. slope.
55.00	Change to W. slope.
65.10	Foot of descent, 79 ft. Wash, 30 lks. wide, 3 ft. deep, course, N. Ascend NE. slope. 60 ft. to
73.00	Descend W. slope. 48 ft. to
79.98	Cor. of secs. 20, 21, 28 and 29. Land, hilly and rolling. Soil, stony, 4th rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.

20. Subdivision of T.9 S., R 3.E.

Chains	
	N. 0° 2' W. bet. secs. 20 and 21. Over rolling land. Along foot of E. slope.
19.36	Wash, 60 lks. wide, 5 ft. deep, course, E.
35.35	Ascend S. slope, 38 ft. to
40.00	Descend NE. slope, 25 ft. to Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 20 on W. and S 21 on E. half. 1915 on S. rim.
45.00	Build a mound of stone, 3 ft. base 2 ft. high W. of cor.
47.90	Wash, 30 lks. wide, 3 ft. deep, course, E.
50.30	Wash, 30 lks. wide, 3 ft. deep, course, E, Wash, 35 lks. wide, 3 ft. deep, course, SE. Ascend gradual SW. slope.
63.00	Desc. N. slope.
70.00	Enter level land, bears W. and NE.
75.70	Wash, 25 lks. wide, 5 ft. deep, course, E.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, with brass cap mkd. T 9 S R 3 E on N. half, S 16 in NE. S 21 in SE. S 20 in SW. and S 17 in NW. quadrants, 1915 on S. rim.
	Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft, high W. of cor. Land, rolling and hilly. Soil stony, 4th rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti. Native grass.
40.00	East on a random line bet. secs. 16 and 21. Set temp. $\frac{1}{4}$ sec. cor.
79.89	Intersect N. and S. line, 5 lks. N. of cor. of secs. 15, 16, 21 and 22. Thence $\frac{1}{2}$ run N. 89° 58' W. on a true line bet. secs. 16 and 21. Over level land, through greasewood brush.
27.70	Wash, 25 lks. wide, 2 ft. deep, course, SE.
39.94 $\frac{1}{2}$	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 16 on N. and S 16 on S. half, 1915 on S. rim.
	Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
79.89	Cor. of secs. 16, 17, 20 and 21. Land, level. Soil, sandy, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush. Native grass.

W.H.T. Mar. 26, 1915.

Subdivision of T.9 S., R.3 E.

Chains	
	<p>W.K.K. Mar. 27, 1915, at 8h., a.m., l.m.t., I set off 32° 38' N. on the lat. arc; 2° 22' N. on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 16, 17, 20 and 21. Thence I run, N. 0° 2' W. bet. secs. 16 and 17. Oger level land, through greasewood brush and scattering palo verde.</p>
6.30	Wash, 30 lks. wide, 1 ft. deep, course, E.
13.80	Wash, 30 lks. wide, 1 ft. deep, course, E.
15.00	Wash, 50 lks. wide, 1 ft. deep, course, E.
23.30	Wash, 50 lks. wide, 1 ft. deep, course, E.
28.00	Road, brs. NE. and SW.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 17 on W. and S 16 on E. half. 1915 on S. rim.
	Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
59.30	Wash, 25 lks. wide, 2 ft. deep, course, S. 70° E.
76.00	Wash, 75 lks. wide, 2 ft. deep, course, S. 70° E.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, with brass cap mkd. T 9 S R 3 E on N. half, S 9 in NE. S 16 in SE. S 17 in SW. and S 8 in NW. quadrants, 1915 on S. rim.
	Dig pits 18 X 18 X 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level. Soil, gravel, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.
40.00	East on a random line bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
79.85	Intersect N. and S. line 10 lks. N. of cor. of secs. 9, 10, 15, and 16. Thence I run N. 89° 56' W. on a true line bet. secs. 9 and 16. Over level land, through greasewood brush, scattering mesquite and palo verde.
17.35	Wash, 20 lks. wide, 1 ft. deep, course, SE.
39.92 $\frac{1}{2}$	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 9 on N. and S 16 on S. half, 1915 on S. rim.
	Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
79.85	Cor. of secs. 8, 9, 16 and 17. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde. Undergrowth, greasewood brush and scattering mesquite. Mar. 27, 1915.
	<p>Mar. 29, 1915, at 8h., a.m., l.m.t., I set off 32° 39' N. on the lat. arc; 3° 9' N. on the decl. arc; and determine a mer. with the solar, at cor. of secs. 8, 9, 16 & 17. Thence I run N. 0° 2' W. bet. secs. 8 and 9.</p>

22.

Subdivision of T.9 S., R.3 E.

Chains

Over gently rolling land, through scattering palo verde and iron wood, greasewood brush and scattering mesquite.

.50 Wash, 75 lks. wide, 1 ft. deep, course, SE.

5.50 Wash, 15 lks. wide, 1 ft. deep, course, SE.

18.40 Wash, 10 lks. wide, 1 ft. deep, course, SE.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 8 on W. and
 S 9 on E. half,
 1915 on S. rim.

Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

43.40 Wash, 10 lks. wide, 2 ft. deep, course, SE.

68.00 Wash, 15 lks. wide, 1 ft. deep, course, E.

79.60 Wash, 10 lks. wide, 2 ft. deep, course, 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, with brass cap mkd.
 T 9 S R 3 E on N. half,
 S 4 in NE.
 S 9 in SE.
 S 8 in SW. and
 S 5 in NW. quadrants,
 1915 on S. rim,

from which,
 A palo verde 8 ins. in diam., bears, S. $51\frac{1}{4}^{\circ}$ E.
 39 lks. dist. mkd. T 9 S R 3 E S 9 B T.
 A palo verde, 18 ins. in diam., bears, S. $71\frac{1}{4}^{\circ}$ W.
 116 lks. dist. mkd. T 9 S R 3 E S 8 B T.
 A palo verde 18 ins. in diam., bears, N. $73\frac{1}{4}^{\circ}$ W.
 204 lks. dist. mkd. T 9 S R 3 E S 5 B T.

No other trees within limits.

Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, nearly level.
 Soil, sandy, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush and scattering mesquite.

40.00 East on a random line bet. secs. 4 and 9.

79.97 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 15 lks. S. of cor. of secs. 3, 4, 9 and 10.
 Thence I run
 S. $89^{\circ} 54'$ W. on a true line bet. secs. 4 and 9.

27.97 Over level land, through greasewood brush.

39.98 $\frac{1}{2}$ Wash, 15 lks. wide, 2 ft. deep, course, SE.

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 4 on N. and
 S 9 on S. half
 1915 on S. rim.

Dig pits 18 X 18 X 12 ins. N 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 W. of cor.

56.10 Wash, 15 lks. wide, 1 ft. deep, course, SE.

79.97 Cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, sandy loam, 1st rate.
 Undergrowth, greasewood brush.
 Timber, scattering palo verde and iron wood.

Subdivision of T.9 S..R.3 E.

Chains

40.00
79.76

N. 0° 2' W. on a random line bet. secs. 4 and 5.
Set temp, 1/4 sec. cor.
Intersect N. bdy. of tp. 14 lks. E. of cor. of secs. 4,
5, 32 and 33, established by me and described in
book "B".

38.36
39.76

Thence I run
S.0° 8' E. on a true line bet. secs. 4 and 5.
Over level land, through greasewood brush.
Signal tripod on Table Top mountain brs. N. 34° W.
Wash, 15 lks. wide, 1 ft. deep, course, SE.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for 1/4 sec. cor. with brass cap mkd.
1/4 S 5 on W. and,
S 4 on E. half,
1915 on S. rim.

51.26
64.26
66.56
68.76
79.76

Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft, high
W. of cor.
Wash, 20 lks. wide, 1 ft. deep, course, SE,
Wash, 35 lks. wide, 1 ft. deep, course, SE.
Wash, 25 lks. wide, 1 ft. deep, course, SE.
Wash, 10 lks. wide, 1 ft. deep, course, SE.
Cor. of secs. 4, 5, 8 and 9.
Land, level.
Soil, sandy loam, 1st rate.
Timber. scattering palo verde.
Undergrowth, greasewood brush.

W.K.K. Mar. 29, 1915.

H. C. ...

W.H.T.

Mar. 27, 1915, at 9h., a.m., l.m.t., I set off 32° 35 1/2 N.
on the lat. arc; 2° 22' N. on the decl. arc; and
determine a mer. with the solar, at the cor. of secs.
5, 6, 31 and 32, on S. bdy. of Tp. described in book "B".

3.80
8.50
16.50
29.70
40.00

Thence I run
N. 0° 3' W. bet. secs. 31 and 32.
Over rolling land, through palo verde timber and scattering
cacti.
Ravine, 50 lks. wide, 8 ft. deep, course, N. 30° E.
Ravine, 40 lks. wide, 6 ft. deep, course, N. 70° E.
Wash, 80 lks. wide, 3 ft. deep, course, N. 70° E.
Wash, 60 lks. wide, 5 ft. deep, course, N. 60° E.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for 1/4 sec. cor. with brass cap mkd.
1/4 S 31 on W. and,
S 32 on E. half,
1915 on S. rim.

63.70
65.20
80.00

Build a mound of stone, 3 ft. base 2 ft. high W. of cor.
Wash, 50 lks. wide, 8 ft. deep, course, E.
Wash, 60 lks. wide, 8 ft. deep, course, E.
Asc. S. slope, 57 ft. to
Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in
the ground to solid rock, in a mound of stone, 3 ft.
base, 1 ft. high, for cor. of secs. 29, 30, 31 and 32,
with brass cap mkd.
T 9 S R 3 E on N. half,
S 29 in NE.
S 32 in SE.
S 31 in SW. and
S 30 in NW. quadrants,
1915 on S. rim.

Build a mound of stone, 3 ft. base 2 ft. high W. of cor.
Land, rolling.
Soil, stony, 4th rate.
Timber, scattering palo verde.
Undergrowth, greasewood brush, ocotillos and cacti.

24. Subdivision of T.9 S., R.3 E.

Chains	
	East on a random line bet. secs. 29 and 32.
40.00	Set temp, $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line 3 lks. N. of cor. of secs. 28, 29, 32 and 33.
	Thence I run N. $89^{\circ} 59'$ W. on a true line bet. secs. 29 and 32.
23.00	Asc. gradual E. slope, 56 ft. to Foot of hill.
33.76	Asc. steep E. slope, 204 ft. to Top of hill, brs. S. and N. 5° E.
	Set a flag in a mound of stone 3 ft. base 2 ft. high, on line at this point.
39.99	Desc. W. slope, 124 ft. to Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock, in a mound of stone 3 ft. base 2 ft. high for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 29 on N. and S 32 on S. half 1915 on S. rim.
	Pits impracticable.
41.34	Build a mound of stone, 3 ft. base 2 ft. high N. of cor. Wash, 20 lks. wide, 3 ft. deep, course, N.
45.47	Asc. E. slope, 79 ft. to Top of spur, slopes NW.
60.88	Desc. W. slope, 138 ft. to Wash, 30 lks. wide, 3 ft. deep, course, S.
79.98	Thence over broken S. slope. Cor. of secs. 29, 30, 31 and 32.
	Land, rolling. Soil, stony, 4 th rate. Timber, scattering palo verde. Undergrowth, ocotillos, grass ewood brush and cacti. Little native grass.
	West on a random line bet. secs. 30 and 31.
40.00	Set temp, $\frac{1}{4}$ sec. cor.
79.54	Intersect W. bdy. of tp. 3 lks. N. of cor. of secs. 25, 30, 31 and 36, established by W.K. Kierulff, U.S. Transitman, and described in book "B".
	Thence I run N. $89^{\circ} 59'$ E. on a true line bet. secs. 30 and 31.
13.60	Over broken S. slope. Top of low spur ridge, slopes, S.
19.54	Desc. E. slope, 49 ft. to Foot of hill.
39.54	Thence over rolling land. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 30 on N. and S 31 on S. half 1915 on S. rim.
65.44	Build a mound of stone, 3 ft. base 2 ft. high N. of cor. Desc. gradual E. slope, to Ravine, 25 lks. wide, 3 ft. deep, course, SE.
75.00	Asc. W. slope, 80 ft. to Change to broken S. slope.
79.54	Cor. of secs. 29, 30, 31 and 32.
	Land, rolling. Soil, stony, 4th rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood, catclaw, ocotillos, and cacti. At this cor. I set off $2^{\circ} 25'$ N. on the decl. arc; and at apparent noon observe the sun on the mer. The resulting lat. is $32^{\circ} 36'$ N.

Subdivision of T.9 S., R.3 E.

Chains	
2.75	<p>N. 0° 3' W. bet. secs. 29 and 30. Over hilly and rolling land. Asc. S. slope, 34 ft. to Top of hill brs. E. and W. Signal on top of Table Top mountain brs. N.13° 5' W. Desc. N. slope.</p>
22.00	<p>Change to NW. slope.</p>
38.10	<p>Wash, 25 lks. wide, 3 ft. deep, course, N.30° E. Foot of 117 ft. descent 7 ft.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 30 on W. and S 29 on E. half, 1915 on S. rim.</p>
43.80	<p>Build a mound of stone, 3 ft. base $1\frac{1}{2}$ ft. high W. of cor.</p>
58.40	<p>Wash, 150 lks. wide, 6 ft. deep, course, N.7° E. Road, brs. E. and W.</p>
65.60	<p>Wash, 20 lks. wide, 3 ft. deep, course, NE.</p>
68.90	<p>Wash, 20 lks. wide, 3 ft. deep, course, NE.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground for solid rock, in a mound of stone, 3 ft. base $1\frac{1}{2}$ ft. high, for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.</p>
	<p>T 9 S R 3 E on N. half, S 20 in NE. S 29 in SE. S 30 in SW. and S 19 in NW. quadrants. 1915 on S. rim.</p>
	<p>Build a mound of stone, 3 ft. base 2 ft. high W. of cor. Land, rolling and hilly. Soil, stony, rth rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush, ocotillos, and cacti.</p>
40.00	<p>East on a random line bet. secs. 20 and 29.</p>
79.90	<p>Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line. 6 lks. S. of cor. of secs. 20, 21, 28 and 29.</p>
	<p>Thence I run</p>
	<p>S. 89° 57' W. on a true line bet. secs. 20 and 29.</p>
8.30	<p>Ascend gradual S. slope.</p>
19.90	<p>Change to gradual SW. slope.</p>
31.70	<p>Change to gradual NW. slope.</p>
39.95	<p>Wash, 80 lks. wide, 3 ft. deep, course, N.70° E.</p>
	<p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 20 on N. and S 29 on S. half, 1915 on S. rim.</p>
	<p>Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor..</p>
41.70	<p>Road, brs. NE. and SW.</p>
66.30	<p>Wash, 20 lks. wide, 3 ft. deep, course, N.70° E.</p>
79.90	<p>Cor. of secs. 19, 20, 29 and 30.</p>
	<p>Land, rolling. Soil, sand, gravel, limestone and volcanic formation, 3rd rate.</p>
	<p>Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti. Mar. 27, 1915.</p>

26.

Subdivision of T.9 S., R.3 E.

Chains

Mar. 29, 1915, at 8h. a.m., 1.m.st., I set off $32^{\circ} 37\frac{1}{2}'$ N. on the lat. arc; $3^{\circ} 8'$ N. on the decl. arc. and determine a mer. with the solar, at cor. of secs. 19, 20, 29 & 30. Thence I run

West on a random line bet. secs. 19 and 30.
 40.00 Set temp, $\frac{1}{4}$ sec. cor.
 79.46 Intersect W. bdy. of tp. 20 lks. N. of cor. of secs. 19, 24, 25 and 30, established by W.K. Kierulff, U.S. Transitman, and described in book "B".

Thence I run
 N. $89^{\circ} 51'$ E. on a true line bet. secs. 19 and 30.
 Over rolling land.
 The following 3 washes lie in the same bed.

9.06 Wash, 40 lks. wide, 3 ft. deep, course, N.
 10.66 Wash, 60 lks. wide, 2 ft. deep, course, N.
 13.86 Wash, 30 lks. wide, 3 ft. deep, course, N.
 15.00 Foot of hill.
 Asc. gradual W. slope.
 31.66 Top of ridge brs. E. and NW.
 Desc. stony E. slope, to
 39.46 True point for $\frac{1}{4}$ sec. cor. falls in wash 30 lks. wide, 3 ft. deep, course, SE. therefore at
 44.46 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock in a mound of stone, 2 ft. base, 1 ft. high, for witness cor. to $\frac{1}{4}$ sec. cor. with brass cap mkd.

W.C. on W.,
 $\frac{1}{4}$ S 19 on N. and
 S 30 on S. half,
 1915 on S. rim.

Build a mound of stone, 3 ft. base 2 ft. high N. of cor.
 Descend gradual E. slope.
 67.46 Wash, 40 lks. wide, 5 ft. deep, course, NE.
 79.46 Cor. of secs. 19, 20, 29 and 30.
 Land, rolling and hilly.
 Soil, gravelly and stony, 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos, and cacti.

N. $0^{\circ} 3'$ W. bet. secs. 19 and 20.
 Over gently rolling land, through greasewood brush and scattering palo verde.

3.40 Wash, 40 lks. wide, 5 ft. deep, course, N. 70° E.
 9.00 Wash, 20 lks. wide, 1 ft. deep, course, E.
 Asc. gradual S. slope.
 29.10 Desc. gradual, N. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 19 on W. and
 S 20 on E. half,
 1915 on S. rim.

Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

47.10 Wash, 80 lks. wide, 3 ft. deep, course, E.
 69.50 Wash, 10 lks. wide, $1\frac{1}{2}$ ft. deep, course, N. 80° E.
 70.00 Road, brs. SW. and NE.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base $1\frac{1}{2}$ ft. high, for cor. of secs. 17, 18, 19 and 20, with brass cap mkd.

T 9 S R 3 E on N. half,
 S 17 in NE.
 S 20 in SE.
 S 19 in SW. and
 S 18 in NW. quadrants,
 1915 on S. rim.

Build a mound of stone, 3 ft. base 2 ft. high W. of cor.
 Land, rolling.
 Soil, gravelly and stony, 4th rate.
 Timber, scattering palo verde, and iron wood.
 Undergrowth, greasewood, ocotillos and cacti.

Subdivision of T.9 S., R.3 E.

Chains
 40.00 East on a random line bet. secs. 17 and 20.
 79.89 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 12 lks. S. of cor. of secs. 16,
 17, 20, and 21.
 Thence I run
 S. 89° 55' W. on a true line bet. secs. 17 and 20.
 Over rolling land, through scattering mesquite brush.
 4.85 Wash, 10 lks. wide, 3 ft. deep, course, SE.
 7.69 Wash, 20 lks. wide, 4 ft. deep, course, SE.
 24.89 Leave mesquite brush, brs. N. and SE.
 39.94 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 17 on N. and
 S 20 on S. half
 1915 on S. rim.
 Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist.
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high
 N. of cor.
 58.00 Road, brs. NE. and SW.
 Wash, 20 lks. wide, 4 ft. deep, course, S. 30° E.
 72.60 Wash, 25 lks. wide, 4 ft. deep, course, S. 30° E.
 79.89 Cor. of secs. 17, 18, 19 and 20.
 Land, rolling.
 Soil, gravelly and stony, 3rd and 4th rates.
 Timber, scattering palo verde.
 Undergrowth, greasewood brush, scattering mesquite and
 ocotillos.
 Mar. 29, 1915.

Mar. 30, 1915.
 West on a random line bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.40 Intersect W. bdy. of tp. 20 lks. N. of cor. of secs. 13,
 18, 19 and 24, established by W.K.Kierulff, U.S.
 Transitman, and described in book "B".
 Thence I run
 N. 89° 51' E. on a true line bet. secs. 18 and 19.
 9.40 Wash, 20 lks. wide, 3 ft. deep, course, N.
 Asc. W. slope, 144 ft. to
 19.60 Top of ridge brs. N. and S.
 Desc. E. slope, 155 ft.
 30.90 Ravine, 30 lks. wide, 5 ft. deep, course, N.
 34.80 Asc., NW. slope.
 39.40 Set an iron post 3 ft. long, 1 in. in diam., 1 ft. in
 the ground, to solid rock, in a mound of stone,
 3 ft. base 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. with brass
 cap mkd.
 $\frac{1}{4}$ S 18 on N. and,
 S 19 on S. half
 1915 on S. rim.
 Build a mound of stone, 3 ft. base, 2 ft. high W. of cor.
 Over N. slope to
 40.20 Descend E. slope, 121 ft. to
 64.40 Thence over rolling land.
 79.40 Cor. of secs. 17, 18, 19 and 20.
 Land, rolling and hilly.
 Soil, gravelly and stony, limestone, volcanic and quartz-
 ite, 4th rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos, and cacti.
 Mar, 30, 1915.

28.

Subdivision of T.9 S., R.3 E.

Chains	Mar. 29, 1915.
	N. $0^{\circ} 3'$ W. bet. secs. 17 and 18.
	Over rolling land, through greasewood brush, and scattering palo verde, timber.
5.90	Wash, 20 lks. wide, 6 ft. deep, course, E.
9.30	Wash, 30 lks. wide, 6 ft. deep, course, SE.
16.50	Road, brs. NW. and SE.
30.35	Wash, 15 lks. wide, 3 ft. deep, course, $S. 70^{\circ} E.$
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 18 on W. and S 17 on E. half 1915 on S. rim.
	Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
50.40	Wash, 90 lks. wide, 3 ft. deep, course, SE.
68.80	Wash, 30 lks. wide, 3 ft. deep, course, SE.
74.40	Wash, 35 lks. wide, 3 ft. deep, course, SE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 8, 17 and 18, with brass cap mkd. T 9 S R 3 E on N. half S 8 in NE. S 17 in SE. S 18 in SW. and S 17 in NW. quadrants, 1916 on S. rim.
	Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth, 4 ft. base 2 ft. high W. of cor.
	From this cor. a signal on top of Table Top mountain brs. $N. 18^{\circ} 25' W.$
	Land, rolling.
	Soil, sandy and gravelly, 3rd rate.
	Timber, scattering palo verde and iron wood.
	Undergrowth, greasewood brush.
	At this cor. I set off $3^{\circ} 12' N.$ on the decl. arc; and at apparent noon observe the sun in the mer. The resulting lat. is $32^{\circ} 39' N.$
	East on a random line bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.89	Intersect N. and S. line, 5 lks. S. of cor. of secs. 8, 9, 16 and 17.
	Thence I run
	S. $89^{\circ} 58' W.$ on a true line bet. secs. 8 and 17.
	Over nearly level land, through greasewood brush.
4.90	Enter wash, 30 lks. wide, 2 ft. deep, course, NE.
8.90	Leave same wash, comes from SW.
13.90	Wash, 25 lks. wide, 2 ft. deep course, NE.
21.84	Wash, 15 lks. wide, 1 ft. deep, course, $S. 20^{\circ} E.$
33.00	Wash, 15 lks. wide, 2 ft. deep, course, $S. 30^{\circ} E.$
39.94 $\frac{1}{2}$	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 8 on N. and S 17 on S. half 1915 on S. rim.
	Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
45.90	Wash, 10 lks. wide, 1 ft. deep, course, $S. 20^{\circ} E.$
61.50	Wash, 15 lks. wide, 2 ft. deep, course, $S. 30^{\circ} E.$
79.89	Cor. of secs. 7, 8, 17 and 18.
	Land, gently rolling.
	Soil, sandy, 2nd rate.
	Timber, scattering palo verde and iron wood.
	Undergrowth, greasewood brush.
	Mar. 29, 1915.

Subdivision of T.9 S. R.3 E.

Chains

Mar. 30, 1915, at 8h., a.m., l.m.t., I set off 32° 39' N. on the lat. arc; 3° 31' N. on the decl. arc and determine a mer. with the solar at the cor. of secs. 7, 8, 17 & 18.

Thence I run
 West on a random line bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec, cor.
 79.40 Intersect W. bdy. of tp. 30 lks. N. of cor. of secs. 7, 12, 13 and 18, established by W.K.Kierulff, U. S. Transitman, and described in book "B".

Thence I run
 N. 89° 47' E. on a true line bet. secs. 7 and 18.
 Over rolling land.
 Desc. E. slope, 53 ft. to
 38.10 Wash, 35 lks. wide, 3 ft. deep, course, SE.
 39.40 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 7 on N. and
 S 18 on S. half,
 1915 on S. rim.

Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor. $\frac{1}{2}$

55.80 Wash, 20 lks. wide, 1 ft. deep, course, S. 20° E.
 75.50 Wash, 20 lks. wide, 2 ft. deep, course, S. 40° E.
 79.40 Cor. of secs. 7, 8, 17 and 18.
 Land, slightly rolling.
 Soil, sandy and gravelly, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush and cacti.
 Mar. 30, 1915.

March 29, 1915.

N. 0° 3' W. bet. secs. 7 and 8.
 Over gently rolling land, through greasewood brush and scattering palo verde timber.

23.00 Wash, 20 lks. wide, 1 ft. deep, course, S. 20° E.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 7 on W. and
 S 8 on E. half,
 1915 on S. rim.

Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.

56.00 Wash, 15 lks. wide, 3 ft. deep, course, S. 50° E.
 62.20 Wash, 20 lks. wide, 3 ft. deep, course, S. 70° E.
 71.30 Wash, 15 lks. wide, 2 ft. deep, course, S. 70° E.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.
 T 9 S R 3 E on N. half,
 S 5 in NE.
 S 8 in SE.
 S 7 in SW. and
 S 6 in NW. quadrants,
 1915 on S. rim.

from which,
 A palo verde 10 ins. in diam., brs. N. 25 $\frac{1}{2}$ ° E.
 81 lks. dist. mkd. T 9 S R 3 E S 5 B T.
 An iron wood 10 ins. in diam., brs. S. 9 $\frac{1}{2}$ ° E.
 58 lks. dist. mkd. T 9 S R 3 E S 8 B T.

No other trees within limits.
 Dig pits 18 X 18 X 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
 Land, gently rolling.
 Soil, sandy and gravelly, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush.

30.

Subdivision of T.9 S., R.3 E.

Chains	
	East on a random line bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line 12 lks. N. of cor. of secs. 4, 5, 8 and 9.
	Thence I run
	N. $89^{\circ} 55'$ W. on a true line bet. secs. 5 and 8.
	Over gently rolling land, through greasewood brush and palo verde and iron wood timber.
1.38	Wash, 10 lks. wide, 2 ft. deep, course $S. 80^{\circ} E.$
14.08	Wash, 50 lks. wide, 2 ft. deep, course, $S. 70^{\circ} E.$
22.08	Wash, 10 lks. wide, 2 ft. deep, course, $S. 60^{\circ} E.$
27.60	Wash, 30 lks. wide, 1 ft. deep, course, $S. 60^{\circ} E.$
39.94	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 5 on N. and, S 8 on S. half 1915 on S. rim.
	from which,
	A palo verde, 10 ins. in diam., brs. $N. 45\frac{1}{4}^{\circ} W.$ 103 lks. dist. mkd. $\frac{1}{4}$ S 5 B T.
	A palo verde, 8 ins. in diam., Brs. $S. 25^{\circ} E.$ 66 lks. dist. mkd. $\frac{1}{4}$ S 8 B T.
40.38	Wash, 15 lks. wide, 2 ft. deep, course, SE.
48.58	Wash, 15 lks. wide, 1 ft. deep, course, $S. 60^{\circ} E.$
62.70	Wash, 25 lks. wide, 1 ft. deep, course, $S. 70^{\circ} E.$
79.88	Cor. of secs. 5, 6, 7 and 8. Land, gently rolling. Soil sandy and gravelly, 2nd rate. Timber, palo verde and iron wood. Undergrowth, greasewood brush.
	West on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.30	Intersect W. bdy. of tp. 35 lks. N. of true point for cor. of secs. 1, 6, 7 & 12. (Witness cor. 5.00 chs. N. established by W.K.K., and described in Book 1 W.B.)
	Thence I run,
	N. $89^{\circ} 45'$ E. on a true line bet. secs. 6 and 7.
	Over gently rolling land, through greasewood brush and scattering palo verde timber.
4.80	Wash, 25 lks. wide, 4 ft. deep, course, $S. 40^{\circ} E.$
18.10	Wash, 20 lks. wide, 4 ft. deep, course, $S. 40^{\circ} E.$
36.00	Wash, 15 lks. wide, 10 ft. deep, course, SE.
39.30	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 6 on N. and, S 7 on S. half, 1915 on S. rim.
	Dig pits 18 X 18 X 12 ins. E. and W. of cor. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
41.50	Wash, 15 lks. wide, 2 ft. deep, course, $S. 20^{\circ} E.$
59.60	Wash, 20 lks. wide, 2 ft. deep, course, $S. 30^{\circ} E.$
76.15	Wash, 15 lks. wide, 1 ft. deep, course, SE.
79.30	Cor. of secs. 5, 6, 7 and 8. Land, gently rolling. Soil, Sandy, 3rd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush. Scattering native grass.

Chains

40.00 North on a random line bet. secs. 5 and 6.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.68 Intersect N. bdy. of tp. 29 lks. E. of cor. of secs.
 5, 6, 31 and 32, established by W.K.Kierulff,
 U.S. Transitman, and described in book "B".
 Thence I run, S.0° 13' E. on a true line bet. secs. 5 & 6.
 Over gently rolling land, through greasewood brush and
 scattering palo verde timber.
 11.28 Wash, 15 lks. wide, 2 ft. deep, course, S.60° E.
 26.68 Wash, 15 lks. wide, 1 ft. deep, course, S. 70° E.
 39.68 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec.cor. with brass cap mkd.
 $\frac{1}{4}$ S 6 on W. and
 S 5 on E. half,
 1915 on S. rim.
 from which,
 An iron wood 14 ins. in diam, brs. S.10° 15' W.
 105 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.
 No other trees within limits.
 Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist.
 and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high
 W. of cor.
 40.98 Wash, 20 lks. wide, 2 ft. deep, course, S.50° E.
 50.88 Wash, 20 lks. wide, 4 ft. deep, course, S.60° E.
 60.00 Wash, 20 lks. wide, 2 ft. deep, course, S.70° E.
 69.28 Wash, 20 lks. wide, 2 ft. deep, course, S.60° E.
 79.68 Cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, sandy, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush and cacti.
 Native grass.

W.H.T. Mar. 29, 1915.

GENERAL DESCRIPTION.

The south west half of this township is either mountainous
 or rough rolling land, cut by deep washes and ravines.
 The general drainage is to the east through sections 12
 and 13.
 In the mountains there are some abandoned and worked out
 mines and many copper prospects and claims.
 The north east half of the township is level with sandy
 and adobe soil, 1st and 2nd rates, and affords native
 grass suitable for grazing purposes in the spring.
 Palo verde is the principal timber with scattering iron
 wood along the lower slopes of the mountains.
 Greasewood brush on the level land and ocotillos, and
 cacti along the mountain slopes is the only under-
 growth.
 Water has been developed at the Christmas Gift Mine in
 section 34.
 There are no homesteads.


~~3432~~ FOR CERTIFICATES OF UNITED STATES SURVEYOR. and UNITED STATES TRANSITMAN.

For See Book "C" of this Group

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____ 191____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, MAR 10 _____, 1917.

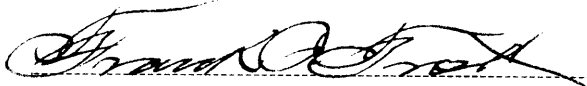
The foregoing field notes of the survey of _____ the _____

SUBDIVISION LINES OF

TOWNSHIP 9 SOUTH, RANGE 3 EAST, of the Gila and Salt

River Base and Meridian, in the State of Arizona,

executed by W. H. Thorn, U. S. Surveyor, and W. K. Kierulff, U. S. Transitman, under ~~his~~ special instructions dated July 29, 1914, for Group 38, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.



U. S. Surveyor General.
of Arizona.

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