

2905

Book "Q"

4-679

(Subdivisions)

BOOK 2905

FIELD NOTES

OF THE SURVEY OF THE

PARTIAL SUBDIVISION

OF

TOWNSHIP 8 SOUTH, RANGE 2 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

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 April 5, 1915.

Survey completed April 8, 1915.

2905

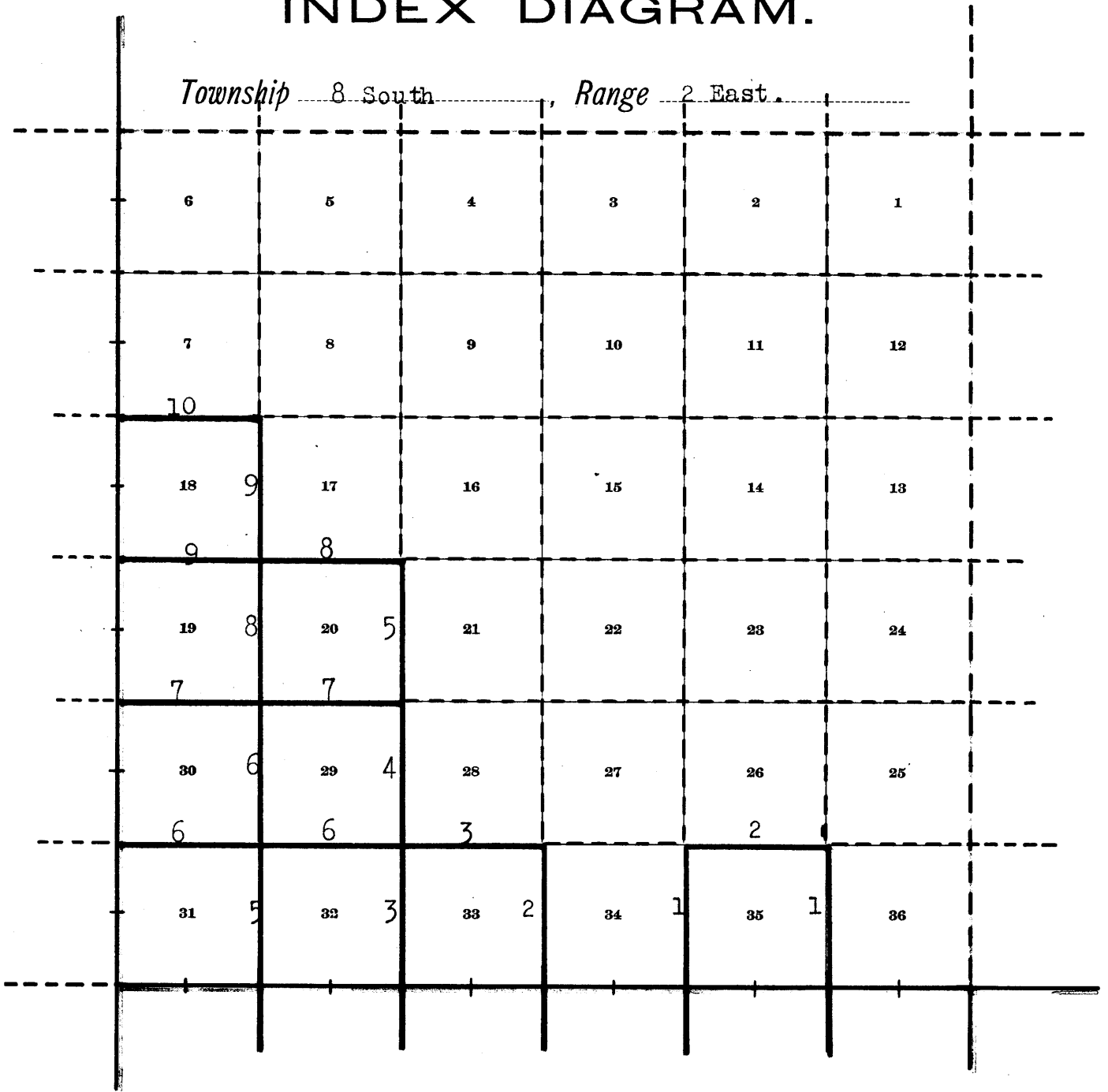
2905

1A

Book "O."
(Subdivisions)
Group 38 - Arizona.

BOOK 2905

INDEX DIAGRAM.



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

Partial subdivision of T.8 S., R.2 E.

18

Chains

Survey commenced Apr. 5, 1915, and executed by W.K. Kierulff, US Transitman, with a Young & Sons light mountain transit No. 8492, as described in book "A".

Apr. 4, 1915, I examine the adjustments of the transit and correct the level and collimation errors. Then to test the solar apparatus by a.m. and p.m. observations on a mer. established by observations on Polaris, I proceed as follows:-

At a point near camp in sec. 15, T.8 S., R.2 E., at 6h. 37m., a.m., l.m.t., I observe Polaris at E.E. in accordance with instructions in the manual of surveying, and lay off the azimuth of Polaris, 1° 21' to the W. I mark the mer. thus determined by a rod set on line 10 chs. to the N. of my station.

At 9h., a.m., l.m.t., I set off 32° 39' N. on the lat. arc; 5° 28' N. on the decl. arc. and determine a mer. with the solar. The mer. thus determined falls within 1' of the mer. established by observations on Polaris.

At 3h., p.m., l.m.t., I set off 32° 39' N. on the lat. arc; 5° 34' N. on the decl. arc; and determine a mer. with the solar. The mer. thus determined falls within 1' of the mer. established by observations on Polaris. I therefore conclude that the transit and solar are in satisfactory adjustment.

Apr. 7, 1915: From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of T.8 S., R.2 E., described in Book "B." I run, N. 0° 1' W. bet. secs. 35 and 36.

Over rolling land, through palo verde timber, ocotillos and cacti.

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 35 on W. and S 36 on E. half 1915 on S. rim.

from which, A palo verde 8 ins. in diam., brs. S. 41 $\frac{1}{2}$ ° W. 128 lks. dist. mkd. $\frac{1}{4}$ S 35 B T. A palo verde 8 ins. in diam., brs. N. 9 $\frac{3}{4}$ ° E. 63 lks. dist. mkd. $\frac{1}{4}$ S 36 B T.

50.00 Wash, 35 lks. wide, 1 ft. deep, course, S. 20° W.

60.00 Same wash, course, S. 20° E.

73.00 Bend in wash, 35 lks. wide, 1 ft. deep, course, N. 20° W. to S. 20° W.

77.90 Wash, 25 lks. wide, 1 ft. deep, course, S. 30° W.

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

T 8 S R 2 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.

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 next to foot hills of Table Top Range of mountains.

Soil, decomposed granite and malpais stone, 4th rate.

Timber, scattering palo verde and iron wood.

Undergrowth, ocotillos and cacti.

I do not survey line bet. secs. 25 and 36, nor bet. secs. 25 & 26

From cor. of secs. 2, 3, 34 and 35 on S. bdy. of T.8 S., R.2 E., described in Book "B." I run, N. 0° 1' W., bet. secs. 34 and 35.

Over SW. slope, through scattering palo verde and cacti.

Asc. low round hill 65 ft. to

7.15 Desc. 40 ft. to

2.

Partial subdivision of T. 8 S. R. 2 E.

Chains	
32.00	Wash, 25 lks. wide, 2 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 34 on W., and S 35 on E. half; 1915 on S. rim.
50.00	Wash, 50 lks. wide, 2 ft. deep, course, SW. Asc. gradual S. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock in a mound of stone, 4 ft. base, 2 ft. high, for cor. of secs. 26, 27, 34 and 35 with brass cap mkd. T 8 S R 2 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. Build a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high W. of cor. Land, rolling and hilly. Soil, stony, 4th rate. Timber, scattering palo verde and iron wood. Undergrowth, ocotillos and cacti. At this cor. I set off 36° 39' N. on the decl. arc; and at apparent noon observe the sun on the mer. The resulting lat. is 32° 42' N.
40.00	East on a random line bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line 6 lks. N. of cor. of secs. 25, 26, 35 and 36. Thence I run N. 89° 57' W. on a true line bet. secs. 26 and 35. Over rolling land, through palo verde timber and cacti.
3.00	Wash, 75 lks. wide, 2 ft. deep, course, S.
23.30	Wash, 75 lks. wide, 2 ft. deep, course, S.
40.03	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 $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 26 on N., and S 35 on S. half; 1915 on S. rim. from which, A palo verde, 8 ins. in diam., brs. N. 58 $\frac{1}{2}$ ° E. 19 lks. dist. mkd. $\frac{1}{4}$ S 26 B T. A palo verde, 8 ins. in diam., brs. S. 49° E. 15 lks. dist. mkd. $\frac{1}{4}$ S 35 B T.
41.00	Wash, 75 lks. wide, 3 ft. deep, course, S. 20° W.
55.00	Wash, 75 lks. wide, 3 ft. deep, course, S. 20° W. Ascend.
80.06	Cor. of secs. 26, 27, 34 and 35. Land, rolling. Soil, stony, 4th rate. Timber, scattering palo verde. Undergrowth, ocotillos and cacti.
	I do not survey line between secs. 26 and 27.
	At 8h., a.m., l.m.t., I set off 32° 41' N. on the lat. arc; 6° 36' 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 T _p , described in Book "B." Thence I run N. 0° 2' W. bet. secs. 33 and 34. Over rolling land through greasewood brush, scattering palo verde and cacti.
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 33 on W., and S 34 on E. half; 1915 on S. rim

Partial subdivision of T. 8 S. R. 2 E.

Chains

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.

50.00 Over gradual SW. slope, covered with malpais boulders.
 75.00 Change to S. slope, asc. 35 ft. to
 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, 3½ ft. base, 2 ft. high, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.

T 8 S R 2 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.

Pits impracticable.
 Build a mound of stone, 4 ft. base, 3 ft. high W. of cor. Land, rolling.
 Soil, S. 20 chs., gravelly loam, 2nd rate; N. 60 chs., stony, 4th rate.
 Timber, scattering palo verde.
 Undergrowth, ocotillos and cacti.

Apr. 7, 1915.

I do not survey line bet. secs. 27 and 34.

Apr. 6, 1915, at 8h., a.m., l.m.t., I set off 32° 41' N. on the lat. arc; 6° 13' 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 level land, through greasewood brush, scattering mesquite and palo verde.

6.50 Wash, 25 lks. wide, 2 ft. deep course, S. 25° W.
 9.70 Wash, 25 lks. wide, 2 ft. deep, course, S. 15° W.
 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.

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.

63.50 Wash, 15 lks. wide, 1 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. 28, 29, 32 and 33, with brass cap mkd.

T 8 S R 2 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.

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, gravelly, 2nd rate.
 Timber, scattering palo verde.
 Undergrowth, mesquite and greasewood brush, ocotillos and cacti.

Apr. 6, 1915.

Apr. 7, 1915. From cor. of secs. 27, 28, 33 & 34, I run, West, on a random line bet. secs. 28 and 33.

40.00 Set temp. ¼ sec. cor.
 80.01 Intersect N. and S. line 10 lks. S. of cor. of secs. 28, 29, 32 and 33.

Thence I run

4. Partial subdivision of T. 8 S. R. 2 E.

Chains

S. 89° 56' E. on a true line bet. secs. 28 and 33.
Over gentle S. slope, through greasewood brush and scattering mesquite.

26.60 Wash, 25 lks. wide, 2 ft. deep, course, S.

40.00 $\frac{1}{2}$ 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 $\frac{1}{2}$ ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 28 on N., and
S 33 on S. half;
1915 on S. rim.

from which,

A palo verde, 8 ins. in diam., brs. N. 8 $\frac{3}{4}$ ° E.
210 lks. dist. mkd. $\frac{1}{4}$ S 28 B T.

A palo verde, 8 ins. in diam., brs. S. 75 $\frac{1}{2}$ ° W.
136 lks. dist. mkd. $\frac{1}{4}$ S 33 B T.

Over rolling broken land.

72.65 Foot of mountain, brs. NW. and SE.

Asc. SW. slope, 61 ft. to

80.01 $\frac{1}{2}$ Cor. of secs. 27, 28, 33 and 34.

Land, rolling.

Soil, west half, gravelly, 2nd rate; east half, stony, 3rd rate.

Timber, scattering palo verde.

Undergrowth, greasewood brush and scattering mesquite, ocotillos and cacti.

Apr. 7, 1915.

Apr. 6, 1915. From cor. of secs. 28, 29, 32 and 33, I run,
N. 0° 2' W. bet. secs. 28 and 29.

Over slightly rolling land.

1.40 Wash, 15 lks. wide, 2 ft. deep, course, SW.

6.00 Wash, 35 lks. wide, 3 ft. deep, course, SW.

8.80 Wash, 25 lks. wide, 2 ft. deep, course, SW.

40.00 True point for $\frac{1}{4}$ sec. cor. falls in wash, 10 lks. wide, 1 ft. deep, course, S. 70° W. therefore at

40.33 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, in a mound of stone, 3 ft. base, 1 ft. high for witness cor. to $\frac{1}{4}$ sec. cor. with brass cap, mkd. W C on N.,
 $\frac{1}{4}$ S 29 on W. and
S 28 on E. half;
1915 on S. rim.

from which,

A palo verde 8 ins. in diam., brs. N. 11° W.
136 lks. dist. mkd. W C $\frac{1}{4}$ S 29 B T.

A palo verde, 8 ins. in diam., brs. N. 30 $\frac{1}{2}$ ° E.
59 lks. dist. mkd. W C $\frac{1}{4}$ S 28 B T.

66.00 Wash, 50 lks. wide, 4 ft. deep, course, SW.

68.60 Wash, 100 lks. wide, 4 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. 20, 21, 28 and 29, with brass cap mkd.

T 8 S R 2 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.

Build a mound of stone, 3 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high W. of cor.

Land, rolling.

Soil, gravelly, 2nd rate.

Timber, scattering palo verde.

Undergrowth, greasewood brush, scattering mesquite, ocotillos and cacti.

I do not survey line between secs. 21 and 28.

Partial subdivision of T.8 S., R.2 E.

Chains

N. 0° 2' W. bet. secs. 20 and 21.
 Over rolling land, through greasewood brush, and cacti.
 35.00 Wash, 100 lks. wide, 3 ft. deep, course, W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to solid rock, in a mound of stone, 3 ft.
 base, 1 ft. high, 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.
 Build a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high W. of cor.
 45.00 Wash, 50 lks. wide, 3 ft. deep, course, W.
 71.00 Wash, 100 lks. wide, 10 ft. deep, course, W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 16, 17, 20 and 21,
 with brass cap mkd.
 T 8 S R 2 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.
 Build a mound of stone, 4 ft. base, 3 ft. high W. of cor.
 Land, rolling, next to Table Top mountain range.
 Soil, stony, 4th rate.
 Timber, scattering palo verde.
 Undergrowth, greasewood brush, ocotillos and cacti.
 Apr. 6, 1915.

I do not survey line bet. secs. 16&21 nor line bet. secs. 16&17.

Apr. 5, 1915, at 8h., a.m., l.m.t., I set off 32° 41' N. on
 the lat. arc; 5° 50' N. on the decl. arc; and deter-
 mine a mer. with the solar at the cor. of secs.
 5, 6, 31 and 32, on S. bdy. of Tp. described in Book "B."
 Thence I run
 N. 0° 3' W. bet. secs. 31 and 32.
 Over level land, through greasewood brush and scattering
 mesquite.
 36.00 Wash, 25 lks. wide, 1 ft. deep, fourse, 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 31 on W., and
 S 32 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.
 55.50 Wash, 10 lks. wide, 1 ft. deep, course, W.
 77.70 Wash, 35 lks. wide, 2 ft. deep, course, N. 70° W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground for cor. of secs. 29, 30, 31 and 32, with
 brass cap mkd.
 T 8 S R 2 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.
 from which,
 A palo verde, 18 ins. in diam., brs. N. 70° 40' E.
 281 lks. dist. mkd. T 8 S R 2 E S 29 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, gravelly, 2nd rate.
 Timber, scattering palo verde.
 Undergrowth, greasewood and scattering mesquite.
 April 5, 1915.

6. Partial subdivision of T.8 S., R.2 E.

Chains Apr. 6, 1915.
 From the cor. of secs. 28, 29, 32 and 33, I run,
 West on a random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.03 Intersect N. and S. line 10 lks. S. of cor. of secs.
 29, 30, 31 and 32.
 Thence I run
 S. $89^{\circ} 56'$ E. on a true line bet. secs. 29 and 32.
 Over level land, through greasewood brush, scattering
 palo verde and cacti.
 8.90 Wash, 15 lks. wide, 3 ft. deep, course, S. 60° W.
 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.
 $\frac{1}{4}$ S 29 on N. and
 S 32 on S. half;
 1915 on S. rim,
 from which,
 A palo verde, 8 ins. in diam., brs. N. $50\frac{1}{2}^{\circ}$ E.
 116 lks. dist. mkd. $\frac{1}{4}$ S 29 B T.
 A palo verde, 8 ins. in diam., brs. S. $72\frac{1}{4}^{\circ}$ W.
 139 lks. dist. mkd. $\frac{1}{4}$ S 32 B T.
 71.60 Wash, 30 lks. wide, 4 ft. deep, course, SW.
 73.30 Wash, 10 lks. wide, 2 ft. deep, course, SW.
 80.03 Cor. of secs. 28, 29, 32 and 33.
 Land, level.
 Soil, gravelly, 2nd rate.
 Timber, scattering palo verde.
 Undergrowth, greasewood brush, scattering mesquite,
 ocotillos and cacti.
 Apr. 6, 1915.

Apr. 5, 1915.
 From the cor. of secs. 29, 30, 31 and 32, I run,
 West on a random line bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.95 Intersect W. bdy. of tp. 2 lks. S. of cor. of secs. 25,
 30, 31 and 36, as established by me and described in
 book "B."
 Thence I run
 S. $89^{\circ} 59'$ E. on a true line bet. secs. 30 and 31.
 Over level land, through greasewood brush, scattering
 mesquite, palo verde and cacti.
 14.35 Wash, 20 lks. wide, 2 ft. deep, course, N. 80° W.
 32.75 Wash, 20 lks. wide, 5 ft. deep, course, N. 70° W.
 38.95 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 30 on N., and
 S 31 on S. half;
 1915 on S. rim.
 from which,
 A palo verde, 10 ins. in diam., brs. S. $71\frac{1}{2}^{\circ}$ E.
 226 lks. dist. mkd. $\frac{1}{4}$ S 31 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, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high
 N. of cor.
 39.95 Wash, 25 lks. wide, 2-ft. deep, course, NW.
 72.95 Wash, 25 lks. wide, 1 ft. deep, course, SW.
 78.95 Cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, gravelly, 2nd rate.
 Timber, scattering palo verde.
 Undergrowth, greasewood brush and scattering mesquite.

N. $0^{\circ} 3'$ W. bet. secs. 29 and 30.
 Over level land, through greasewood brush, scattering
 mesquite and palo verde.
 2.90 Wash, 25 lks. wide, 2 ft. deep, course, S. 80° W.
 17.90 Wash, 25 lks. wide, 2 ft. deep, course, S. 80° W.
 20.00 Wash, 25 lks. wide, 2 ft. deep, course, S. 80° W.

Partial subdivision of T.8 S. R. 2 E.

Chains
25.00
34.00
40.00

Wash, 25 lks. wide, 2 ft. deep, course, W.
Change to 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 W., and
S 29 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.

67.70
80.00

Wash, 150 lks. wide, 15 ft. deep, course, N. 80° W.
Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base, 1 ft. high for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.
T 8 S R 2 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.
Build a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high W. of cor.
Land, level and rolling.
Soil, gravelly, 2nd and 3rd rates.
Timber, scattering palo verde.
Undergrowth, greasewood brush, scattering mesquite, ocotillos and cacti.

Apr, 5, 1915.

40.00
80.10

From cor. of secs. 20, 21, 28 and 29, I run, West on a random line bet. secs. 20 and 29.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 12 lks. S. of cor. of secs. 19, 20, 29 and 30.
Thence I run
S. 89° 55' E. on a true line bet. secs. 20 and 29.
Over rolling land, through greasewood brush and scattering palo verde and iron wood.

35.80
40.05

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

from which,
A palo verde, 6 ins. in diam., brs. N. 37° E.
144 lks. dist. mkd. $\frac{1}{4}$ S 20 B T.
A palo verde, 12 ins. in diam., brs. S. 13° E.
74 lks. dist. mkd. $\frac{1}{4}$ S 29 B T.

47.50
80.10

Wash, 50 lks. wide, 3 ft. deep, course, S. 60° W.
Cor. of secs. 20, 21, 28 and 29.
Land, rolling.
Soil, gravelly, 3rd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood, scattering mesquite, ocotillos and cacti.
At this cor. I set off 6° 16' N. on the decl. arc; and at apparent noon observe the sun on the mer. The resulting lat. is 32° 42' N.

Apr. 6, 1915.

40.00
78.82

Apr. 5, 1915.
From cor. of secs. 19, 20, 29 and 30, I run, West on a random line bet. secs. 19 and 30.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect W. bdy. of tp. 6 lks. S. of cor. of secs. 19, 24, 25 and 30, as before described in Book "B."
At this cor. I set off 5° 53' N. on the decl. arc. and at apparent noon observe the sun on the mer. The resulting lat. is 32° 42' N.

8.

Partial subdivision of T.8 S., R.2 E.

Chains

	<p>Thence I run S. 89° 57' E. on a true line bet. secs. 19 and 30. Over rolling land, through greasewood brush and scattering mesquite, palo verde, and iron wood.</p>
36.82	Wash, 75 lks. wide, 9 ft. deep, course, S. 80° W.
38.82	Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, in a mound of stone, 4 ft. base, 18 ins. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 19 on N., and S 30 on S. half; 1915 on S. rim.
	<p>from which, A palo verde, 6 ins. in diam., brs. N. 21° W. 13 lks. dist. mkd. $\frac{1}{4}$ S 19 B T. A palo verde, 8 ins. in diam., brs. S. 3° E. 118 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.</p>
51.12	Wash, 50 lks. wide, 3 ft. deep, course, N. 80° W.
78.82	Cor. of secs. 19, 20, 29 and 30, Land, rolling. Soil, stony, 3rd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti.
	<p>N. 0° 3' W. bet. secs. 19 and 20. Over rolling land, through greasewood brush, palo verde, ocotillos and cacti.</p>
40.00	Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock in a mound of stone, 3 ft. base, 18 ins. high, 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.
	<p>from which, A palo verde, 8 ins. in diam., brs. N. 25$\frac{3}{4}$° W. 44 lks. dist. mkd. $\frac{1}{4}$ S 19 B T. A palo verde, 6 ins. in diam., brs. N. 35$\frac{3}{4}$° E. 70 lks. dist. mkd. $\frac{1}{4}$ S 20 B T.</p>
47.70	Wash, 100 lks. wide, 5 ft. deep, course, W.
76.00	Wash, 75 lks. wide, 7 ft. deep, course, W.
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 8 S R 2 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.
	<p>Build a mound of stone, 3$\frac{1}{2}$ ft. base, 3 ft. high W. of cor. Land, rolling. Soil, stony, 4th rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti. Apr, 5, 1915.</p>
	<p>Apr. 6, 1915. From the cor. of secs. 16, 17, 20 & 21, I run, West on a random line bet. secs. 17 and 20.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line, 12 lks. S. of cor. of secs. 17, 18, 19 and 20. Thence I run S. 89° 55' E. on a true line bet. secs. 17 and 20. Over rolling land, through greasewood brush, scattering palo verde and cacti.
40.03	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in

Partial subdivision of T.8 S., R. 2 E.

Chains.

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.
 80.06 Cor. of secs. 16, 17, 20 and 21.
 Land, rolling, next to Table Top mountain range.
 Soil, gravelly, 3rd rate.
 Timber, scattering palo verde.
 Undergrowth, greasewood brush, ocotillos and cacti.
 Apr. 6, 1915.

Apr, 5, 1915. From the cor. of secs. 17, 18, 19 and 20, I run,
 West on a random line bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.80 Intersect W. bdy. of tp. 10 lks. S. of cor. of secs. 13,
 18, 19 and 24, here described in Book "B."
 Thence I run
 S $89^{\circ} 56'$ E. on a true line bet. secs. 18 and 19.
 Over rolling land, through greasewood brush, scattering
 palo verde, ocotillos and cacti.
 38.80 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 N. and
 S 19 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.
 39.80 Wash, 50 lks. wide, 3 ft. deep, course, NW.
 46.80 Desc. 25 ft. into round depression.
 53.80 Asc. 30 ft. to level.
 78.80 Cor. of secs. 17, 18, 19 and 20.
 Land, rolling.
 Soil, gravelly, 3rd rate.
 Timber, scattering palo verde.
 Undergrowth, greasewood ocotillos and cacti.
 Apr. 5, 1915.

Apr. 8, 1915. at 9h., a.m., l.m.t., I set off $32^{\circ} 43\frac{1}{2}'$ N. on
 the lat. arc; $6^{\circ} 60'$ N. on the decl. arc; and deter-
 mine a mer. with the solar at the cor. of secs.
 17, 18, 19 and 20.
 Thence I run
 N. $0^{\circ} 3'$ W. bet. secs. 17 and 18.
 Over rolling land, through greasewood brush, scattering
 palo verde, ocotillos and cacti.
 17.00 Wash, 15 lks. wide, 3 ft. deep, course, S. 70° W.
 28.00 Wash, 15 lks. wide, 3 ft. deep, course, S. 70° W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 18 on W., and
 S 17 on E. half;
 1915 on S. rim.
 Build a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high W. of
 cor.
 50.00 Wash, 100 lks. wide, 10 ft. deep, course, W.
 76.00 Wash, 75 lks. wide, 5 ft. deep, course, N. 60° 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, with
 brass cap mkd.
 T 8 S R 2 E on N. half;
 S 8 in NE.
 S 17 in SE.
 S 18 in SW. and
 S 7 in NW. quadrants,
 1915 on S. rim.

10.

Partial subdivision of T.8 S., R.2 E.

Chains

Build a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, rolling, along the edge of Table Top mountains.

Soil, gravelly and stony, 4th rate.

Timber, scattering scrub palo verde.

Undergrowth, ocotillos and cacti.

I do not survey line between secs. 8 and 17.

West on a random line bet. secs. 7 and 18.

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

78.70 Intersect W. bdy. of tp. 11 lks. S. of cor. of secs. 7, 12, 13 and 18, established by me and described in book "B".

Thence I run

S. $89^{\circ} 55'$ E. on a true line bet. secs. 7 and 18.

Over rolling land, with gradual W. slope, through scattering palo verde, ocotillos and cacti.

29.70 Wash, 25 lks. wide, 3 ft. deep, course, N. 70° W.

38.70 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. end,

S 18 on S. half

1915 on S. rim.

from which,

A palo verde, 8 ins. in diam., brs. N. $37\frac{1}{4}^{\circ}$ W.

67 lks. dist. mkd. $\frac{1}{4}$ S 7 B T.

A palo verde, 8 ins. in diam., brs. S. $89\frac{1}{2}^{\circ}$ E.

37 lks. dist. mkd. $\frac{1}{4}$ S 18 B T.

69.90 Wash, 30 lks. wide, 5 ft. deep, course, NW.

78.70 Cor. of secs. 7, 8, 17 and 18.

Land, rolling, with gentle W. slope.

Soil, gravelly and stony, 4th rate.

Timber, scattering palo verde.

Undergrowth, ocotillos and cacti.

W.K.K.

Apr. 8, 1915.

I discontinue survey of West tier of secs. at cor. of secs. 7, 8, 17 and 18.

GENERAL DESCRIPTION.

All but the subdivided portion of this tp. is mountainous or lies in rolling foot hills of the main range. Table Top is the principal mountain and the highest peak included in this group of tps. and covers the NE. $\frac{1}{4}$ of the tp. The larger foot hills extend to the NW. and S., the W. and SW. sides being high rolling land overlooking the valley to the W.

The soil, except in the extreme SW. cor., is unfit for agriculture or grazing purposes, the principal formation being disintegrated granite. In the immediate vicinity of the hills the slopes and adjoining land are covered with malpais boulders.

Scattering scrub palo verde is the only timber.

The undergrowth, is principally of the cactus variety.

No water has been developed within the tp.; irrigation for the most part would be impossible as the tp. is cut with numerous deep washes, lying bet. high rolling banks.

There are no settlers.


TRANSITMAN.
FOR CERTIFICATE OF UNITED STATES SURVEYOR.

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 19 _____, 1917.

The foregoing field notes of the survey of _____ the Partial Subdivision of _____

_____ Township 8 South, Range 2 East, _____

of the Gila and Salt River Base and Meridian, in the State of Arizona, _____

executed by _____ W. K. Kierulff, U. S. Transitman, _____

under 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.