

FIELD NOTES

OF THE SURVEY OF PART

of the

SUBDIVISION LINES

of

TOWNSHIP 2 SOUTH, RANGE 1 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

W. G. Shapcott,

In the capacity of U. S. Surveyor, under instructions dated October 8, 1915, issued by the United States Surveyor General to govern surveys included in Group No. 58, which were approved by the Commissioner of the General Land Office, December 17, 1915.

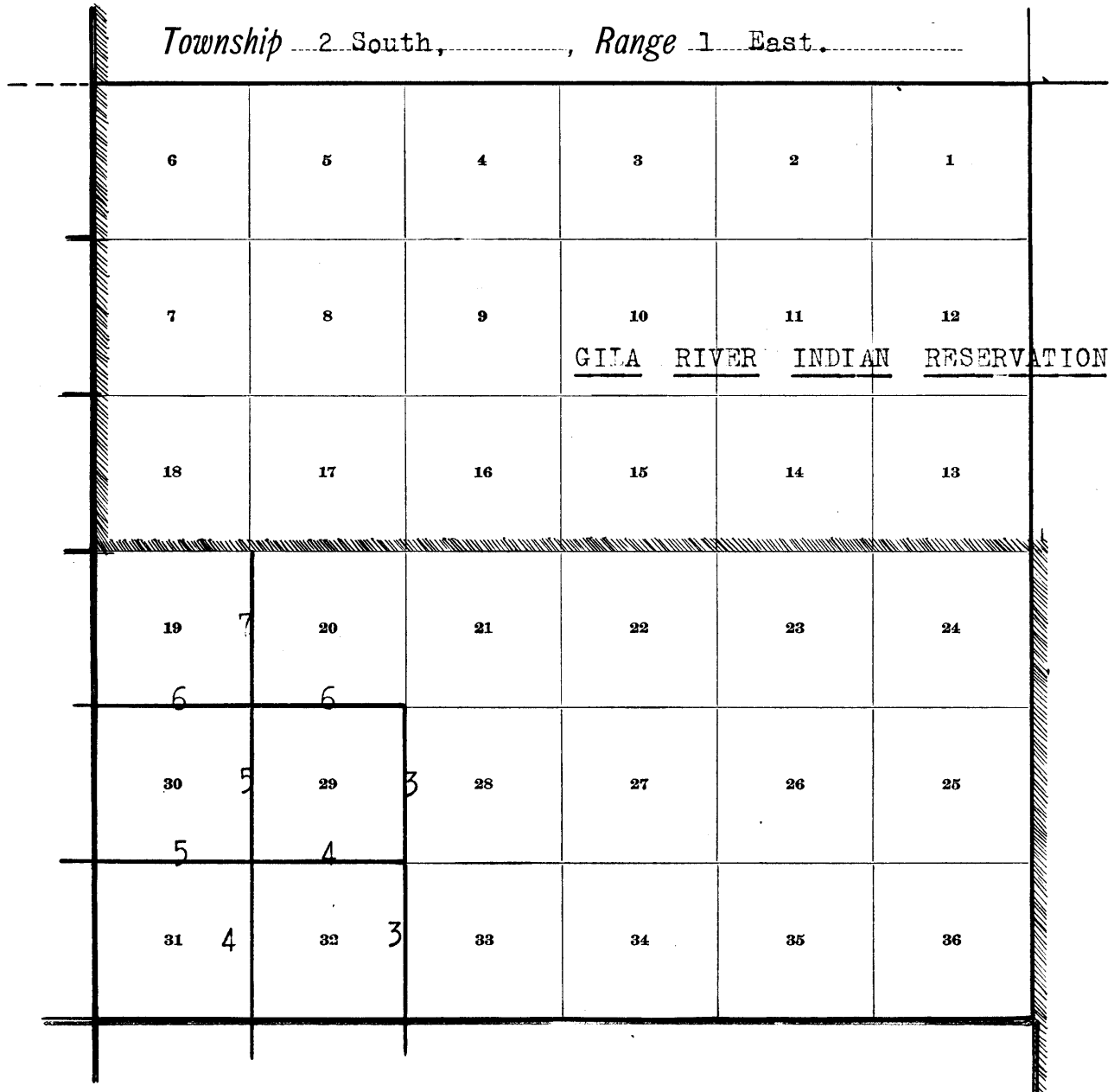
Survey commenced February 29, 1916.

Survey completed March 1, 1916.

3085

BOOK 3085

INDEX DIAGRAM.



- Surveyed under this group--notes in this book.(3085)
- Surveyed under this group--notes in book "A".(3071)
- Retraced under group No. 38.
- Resurveyed under group No. 38.
- Surveyed in 1868.
- Unsurveyed.
- Surveyed under group No. 19.

Subdivision of a portion of T.2 S., R.1 E.

3

Chains		
	<p>Survey commenced Feb. 29, 1916, and executed with a Young and Son's light mountain transit No. 8521, as described in book "A".</p> <p>From recent and repeated field tests, I know the transit and solar attachment to be in satisfactory adjustment.</p> <p>N. 0° 1' E. bet. secs. 32 and 33.</p> <p>Over level land, through scattering timber and undergrowth.</p>	
4.55	Wash, 20 lks. wide, 2 ft. deep, course, W.	
6.80	Wash, 10 lks. wide, 2 ft. deep, course, SW.	
16.90	Wash, 40 lks. wide, 3 ft. deep, course, SW.	
27.50	Wash, 30 lks. wide, 3 ft. deep, course, SW.	
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 32 $\frac{1}{4}$:S 33	
	1916	
	from which,	
	A palo verde, 8 ins. in diam., brs. S. 71° E. 49 lks. dist. mkd. $\frac{1}{4}$ S 33 B T.	
	A palo verde, 10 ins. in diam., brs. S. 20 $\frac{1}{2}$ ° W. 90 lks. dist. mkd. $\frac{1}{4}$ S 32 B T.	
48.80	Wash, 20 lks. wide, 4 ft. deep, course, SE. Asc. SW. slope, 209 ft. to	
66.17	Spur slopes SW., thence along W. slope, to	
71.50	Spur slopes N. 80° W., desc. N. slope, 114 ft. to cor.	
77.03	Wash, 20 lks. wide, 3 ft. deep, course, N. 30° W. Change to NW. slope.	
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 2 S R 1 E S 29:S 28 S 32:S 33 1916	
	and build a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.	
	Land, level and mountainous. Soil, loose, coarse, gravelly clay, 2nd rate to 40 chs., remainder, granite rocky, 4th rate. Timber, palo verde, iron wood mesquite and cat claw. Undergrowth, greasewood and cacti.	
	<hr/>	
	N. 0° 1' E. bet. secs. 28 and 29.	
	Over level and rolling land, through scattering timber and undergrowth.	
	Desc. NW. slope, 17 ft. to	
5.00	Wash, 100 lks. wide, 6 ft. deep, course, SW.	
10.40	Wash, 40 lks. wide, 4 ft. deep, course, S. 60° W.	
14.40	Wash, 20 lks. wide, 4 ft. deep, course, SW.	
29.80	Wash, 100 lks. wide, 10 ft. deep, course, SW.	
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 29 $\frac{1}{4}$:S 28	
	1916	
	and build a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.	
64.60	Wash, 170 lks. wide, 20ft. deep, course, SW.	
70.30	Wash, 50 lks. wide, 6 ft. deep, course, SW. Asc. S. slope, 34 ft. to	
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.	

Chairs

T 2 S R 1 E
S 20:S 21
S 29:S 28
1916

and build a mound of stone, 2 ft. base, 1½ ft. high
W. of cor.

Land, level and rolling.
Soil, loose, coarse, decomposed granite, 3rd rate.
Timber, palo verde and iron wood.
Undergrowth, greasewood and cacti.

Mar. 1, 1916, at 8h., a.m., l.m.t., I set off 33° 12' N. on
the lat. arc; 7° 6' S. on the decl. arc; and deter-
mine a mer. with the solar, at the cor. of secs. 5,
6, 31 and 32, as described in book "A".

Thence
N. 0° 1' E. bet. secs. 31 and 32..

40.00 Over level land, through scattering timber and undergrowth.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for ¼ sec. cor. with brass cap mkd.
S 31 ¼:S 32

1916
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.

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 2 S R 1 E
S 30:S 29
S 31:S 32
1916

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, loose, sandy clay, 1st rate.
Timber, palo verde.
Undergrowth, greasewood and cacti.

East on a random line bet. secs. 29 and 32.

40.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line, 8 lks. N. of cor. of secs. 29,
29, 32 and 33.

Thence
N. 89° 57' W. on a true line bet. secs. 29 and 32.

Over level land, through scattering timber and under-
growth.

.75 Wash, 20 lks. wide, 2 ft. deep, course, NW.
8.10 Wash, 75 lks. wide, 5 ft. deep, course, SW.
10.00 Mouth of wash, 40 lks. wide, 4 ft. deep, course, SW.
19.50 Wash, 50 lks. wide, 4 ft. deep, course, SW.

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.

S 29
¼
S 32
1916

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 Cor. of secs. 29, 30, 31 and 32.

Subdivision of T.2 S., R.1 E.

Chains

Land, level.
Soil, sandy clay, and gravelly clay, 1st and 2nd rates.
Timber, palo verde and iron wood.
Undergrowth, greasewood and cacti.

40.00
79.92

West on a random line bet. secs. 30 and 31.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect G. & S.R.M., 2 lks. N. of cor. of secs. 25, 30, 31 and 36, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described in book "A".

39.96

Thence
N. $89^{\circ} 59'$ E. on a true line bet. secs. 30 and 31.
Over level land, through scattering timber and undergrowth.
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.

S 30
 $\frac{1}{4}$
S 31
1916

from which,
A palo verde, 10 ins. in diam., brs. N. $78\frac{1}{2}^{\circ}$ W. 166 lks. dist. mkd. $\frac{1}{4}$ S 30 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.

79.92

Cor. of secs. 29, 30, 31 and 32.
Land, level.
Soil, loose, sandy clay, 1st rate.
Timber, palo verde.
Undergrowth, greasewood and cacti.

37.30
40.00

N. $0^{\circ} 1'$ E. bet. secs. 29 and 30.
Over level land, through scattering timber and undergrowth.

Wash, 15 lks. wide, 1 ft. deep, course, W.
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.

S 30 $\frac{1}{4}$:S 29
1916

from which,
A palo verde, 8 ins. in diam., brs. S. 14° E. 110 lks. dist. mkd. $\frac{1}{4}$ S 29 B T.
A palo verde, 8 ins. in diam., brs. S. 65° W. 102 lks. dist. mkd. $\frac{1}{4}$ S.30 B T.

41.40
49.20
53.50
71.80
80.00

Wash, 30 lks. wide, 1 ft. deep, course, W.
Wash, 20 lks. wide, 1 ft. deep, course, W.
Wash, 40 lks. wide, 2 ft. deep, course, SW.
Wash, 50 lks. wide, 4 ft. deep, course, N. 75° W.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.

T 2 S R 1 E
S 19:S 20
S 30:S 29
1916

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

Land, level.
Soil, washed gravelly clay, 2nd rate.
Timber, palo verde, iron wood and cat claw.
Undergrowth, greasewood and cacti.

Chains	
	East on a random line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 8 lks. N. of cor. of secs. 20, 21, 28 and 29.
	Thence
	N. $89^{\circ} 57'$ W. on a true line bet. secs. 20 and 29.
	Over rolling and mountainous land, through scattering timber and undergrowth.
18.35	Wash, 75 lks. wide, 6 ft. deep, course, SW.
20.25	Wash, 25 lks. wide, 4 ft. deep, course, SW., asc. SE. slope, 17 ft. to
21.75	Foot of spur slopes, S., desc. SW. slope, 66 ft. to
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.
	S 20 $\frac{1}{4}$ S 29 1916
	and build a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
58.60	Wash, 30 lks. wide, 3 ft. deep, course, SW.
61.19	Wash, 30 lks. wide, 5 ft. deep, course, S. 30° W.
66.69	Wash, 50 lks. wide, 5 ft. deep, course, S. 30° W. Asc. SE. slope, 65 ft. to
70.40	Spur slopes S., desc. SW. slope, 129 ft. to cor.
75.40	Wash, 20 lks. wide, 3 ft. deep, course, NW.
80.00	Cor. of secs. 19, 20, 29 and 30.
	Land, level and rolling.
	Soil, loose, coarse, decomposed granite, rocky, 3rd rate.
	Timber, palo verde and iron wood.
	Undergrowth, greasewood, and cacti.
	West on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect G. & S.R.M., at cor. of secs. 19, 24, 25 and 30, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described in book "A".
	Mar. 2, 1916, at this cor. at 8h., a.m., l.m.t., I set off $33^{\circ} 14'$ N. on the decl. arc; $7^{\circ} 8'$ S. on the decl. arc; and determine a mer, with the solar.
	Thence
	East on a true line bet. secs. 19 and 30.
	Over level land, through scattering timber and undergrowth.
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.
	S 19 $\frac{1}{4}$ S 30 1916
	from which,
	A palo verde, 6 ins. in diam., brs. N. 26° E. 66 lks. dist. mkd. $\frac{1}{4}$ S 19 B T.
	An iron wood, 5 ins. in diam., brs. S. $54\frac{1}{2}^{\circ}$ W. 68 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.
55.16	Wash, 25 lks. wide, 1 ft. deep, course, NW.
65.86	Wash, 50 lks. wide, 1 ft. deep, course, NW.
79.96	Cor. of secs. 19, 20, 29 and 30.
	Land, level.
	Soil, gravelly clay, 2nd rate, and sandy clay, 1st rate.
	Timber, palo verde and iron wood.
	Undergrowth, greasewood and cacti.

Chains	
	N. 0° 1' E. bet. secs. 19 and 20. Over level land, through scattering timber and undergrowth.
8.60	Wash, 20 lks. wide, 4 ft. deep, course, W. Asc. S. slope, 312 ft. to top of spur.
19.23	Spur slopes SE., change to SE. slope.
22.36	Same spur, slopes S., change to S. slope,
25.65	Same spur, slopes, SE., desc. NE. slope, 67 ft. to
30.40	Draw, course, SE., asc. SE. slope, 58 ft. to
37.80	Same spur slopes, SW., desc. NW. slope, 30 ft. to
40.00	Set an iron post 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	S 19 $\frac{1}{4}$:S 20
	1916
	Pits impracticable. Build a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Asc. along SW. slope, 75 ft. to
57.26	Draw, course, SW., asc. S. slope, 22 ft. to
58.80	Thence over west slope, to
59.84	Gulch, 20 lks. wide, 20 ft. deep, course, SW. Asc. S. slope, 346 ft. to
68.73	Spur, slopes SW., asc. SW. slope, 24 ft. to
	Draw, course, SW., asc. S. slope, 153 ft. to
76.62	Spur slopes, W. desc. NW. slope, 102 ft. to
79.93	Intersect S. bdy. of G.R.I.R., 2.72 chs. E. of cor. of secs. 17, 18, 19 and 20, which is an iron post mkd. and witnessed as described by the Surveyor General.
	Set an iron post 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for C.C. of secs. 19 and 20, with brass cap mkd.
	<u>G R I R</u> C:C S 19:S 20 T 2 S R 1 E 1916
	Pits impracticable. Build a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high S. of cor. Land, level and mountainous. Soil, loose, coarse, decomposed granite, 3rd rate. Timber, palo verde and iron wood. Undergrowth, greasewood. and cacti.

GENERAL DESCRIPTION

The portion of this township that has been subdivided lies next to the main range of the Estrella Mountains. On account of this, section 36 is the only level section, the others being rolling, hilly and mountainous.

The soil varies from sandy clay, in the level part to decomposed granite, rocky, in the hills and mountains.

The timber consists of scattering iron wood, palo verde, mesquite and cat claw.

The undergrowth is greasewood and cacti.

There are no settlers and no water.

T.2 S.,R.1 E.

Boundaries, and Subdivision Lines of T.2 S.,R.1 E.

Latitudes, Departures and Closing Errors.

Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
West bdy.	North	240.00	240.00			
N. bdy. sec. 19	East	80.22			80.22	
E. bdy. sec. 19	S. 0° 1' W.	79.93		79.93		.02
N. bdy. sec. 29	S. 89° 57' E.	80.00		.07	80.00	
E. bdy. sec. 29	S. 0° 1' W	80.00		80.00		.02
E. bdy. sec. 32	S. 0° 1' W	80.00		80.00		.02
S. bdy.	West	160.00				160.00
Convergency					.07	
Totals			240.00	240.00	160.29	160.06
Error in latitude			240.00			
Error in departure			.00		160.06	.23

Subdivision of portion of T.2 S., R.1 E.

1 (9)

DATE DIAGRAM

GILA RIVER INDIAN RESERVE

19 3/2-16	3/1-16	3/1-16
30 3/2-16	3/1-16	29 3/1-16
31 3/1-16	32 2/29-16	

Subdivisional lines were surveyed by W.G.Shapcott, U.S.Surveyor, on the dates shown.

CERTIFICATES OF UNITED STATES SURVEYOR.

I, W.G. Shapcott, U. S. Surveyor, hereby certify on honor that, in pursuance of special instructions received from the U.S. Surveyor General of Arizona for Group No. 58, Arizona, bearing date of the 8th day of October, 1915, 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 the Sub-division lines of

TOWNSHIP 2 SOUTH, RANGE 1 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes, and by the diagram on the reverse hereof, as having been executed by me, and under my direction; and I do further certify on honor 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 of Arizona, for Group No. 58, and in the specific manner described in my respective field notes, and that the foregoing are the original field notes of such surveys.

W. G. Shapcott,
U. S. Surveyor.
By W. J. Horn
U. S. Surveyor
Chief of Party.

A P P R O V A L.

Phoenix, Arizona, MAY 25 1918

The foregoing field notes of the survey of the Sub-division lines of

TOWNSHIP 2 SOUTH, RANGE 1 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by W.G. Shapcott, U.S. Surveyor, under special instructions dated October 8, 1915 for Group 58, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Frank P. Trott
U.S. Surveyor General of Arizona.

I certify that the foregoing transcript of the field notes of the above-described surveys in Book "0" of Group 58, has been correctly copied from the original notes on file in this office.

U.S. Surveyor General of Arizona.