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Book "A"
4-879

3834

BOOK 3834

FIELD NOTES

OF THE RESURVEY OF

The First Standard Parallel South thru Range 7 East

and

Part of the Subdivision Lines of

Township 5 South, Range 7 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Dupree R. Averill, U.S. Surveyor

Roger F. Wilson, U.S. Transitman and

Otis O. Gould, U.S. Transitman

In the capacity of U. S. Surveyors, under Special Instructions dated January 5, 1928, issued by the District Cadastral Engineer to govern surveys included in Group No. 150 Arizona, which were approved by the Commissioner of the General Land Office, January 17, 1928, and Assignment Instructions dated February 1, 1928.

Resurvey commenced February 1, 1928

Resurvey completed February 17, 1928

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INDEX DIAGRAM.

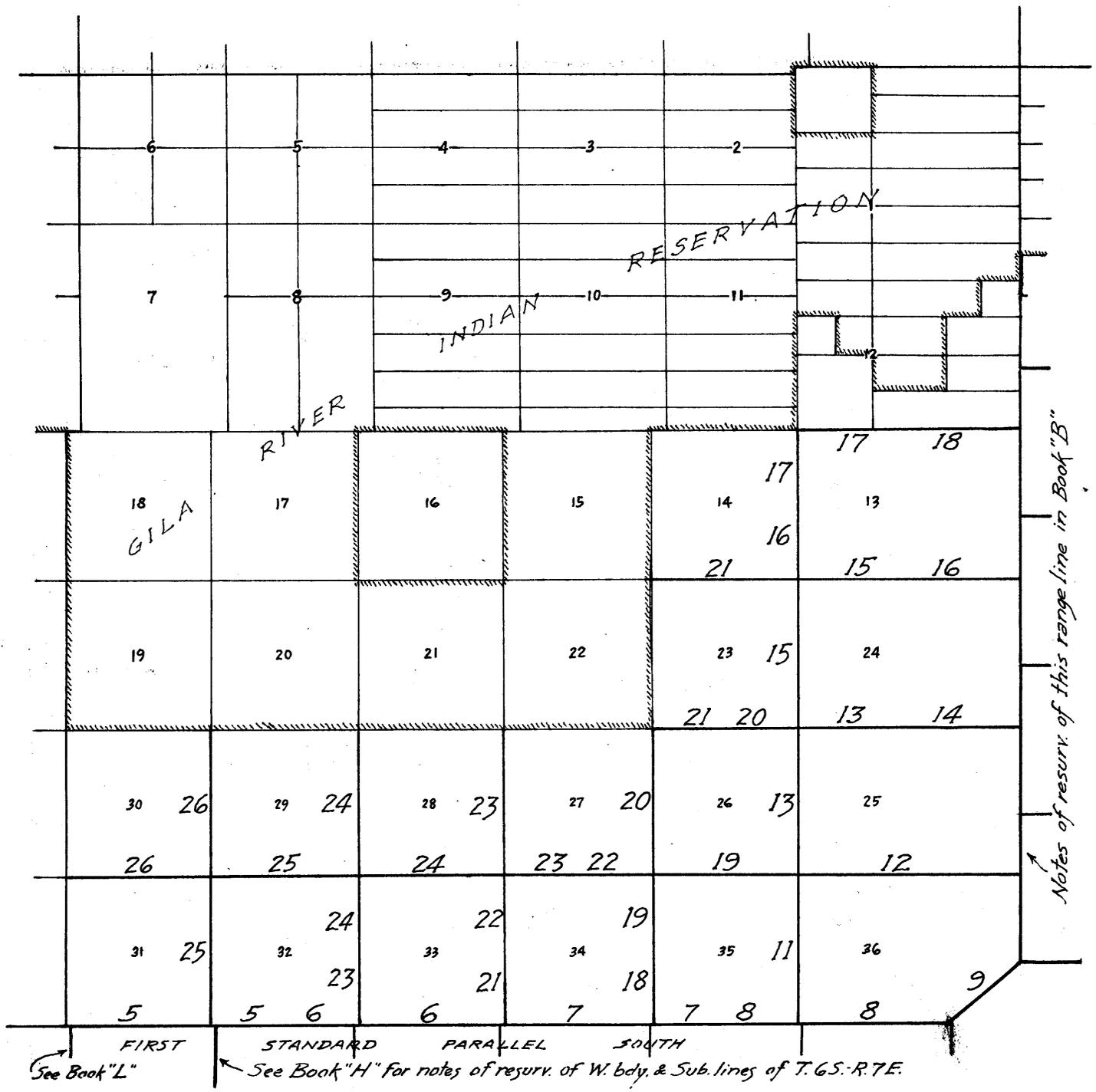
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GOVERNMENT PRINTING OFFICE

Book "A"
 Group 150 - Arizona
 Township 5 South, Range 7 East
 INDEX DIAGRAM

BOOK 3834



- Resurveyed by Dupree R. Averill, U.S. Surveyor under instructions Group 150.
- Resurveyed by Roger F. Wilson, U.S. Transitman, under instructions Group 150.
- Resurveyed by Otis O. Gould, U.S. Transitman, under instructions Group 150.
- Accepted surveys, retracements and resurveys.
- Boundary of Gila River Indian Reservation.

The resurveys herein described were commenced February 1, 1928, and executed by Dupree R. Averill, U.S. Surveyor, and Roger F. Wilson and Otis O. Gould, U.S. Transitmen, using Buff Solar transits Nos. 17992, 9984 and 10125, respectively. The instruments are equipped with Smith solar attachments and otherwise conform to the standard requirements of the General Land Office. Unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

PRELIMINARY FIELD TEST

of

Buff Transit No. 17992

by

Dupree R. Averill, U. S. Surveyor.

January 28, 1928: at camp near the center of sec. 29, T.6 S., R.6 E., G. & B.R. Base and Meridian, Arizona, latitude $32^{\circ}52'N.$, and longitude $111^{\circ}45'W.$, examine the adjustments of the instrument and find no errors; then to test the workings of the solar apparatus proceed as follows:

At 11h 05m p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions and marking the mean point in the line thus determined by a tack set in top of a peg, driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at western elongation is $1^{\circ}16'56''$.

January 29: lay off the azimuth of Polaris, $1^{\circ}17'$ to the east and mark the meridian thus determined by a nail driven in a railroad tie about 5 chs. N.

At 9h 00m a.m., app.t., set off $32^{\circ}52'N.$ on the latitude arc; $18^{\circ}06\frac{1}{2}'S.$ on the declination arc and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian; the resultant reading of the declination arc is $18^{\circ}05'S.$, which agrees with the computed declination of the sun.

At 3h 00m. p.m., app.t., with the latitude arc unchanged, set off $18^{\circ}02\frac{1}{2}'S.$ on the declination arc and determine a meridian with the solar which I find to agree with the true meridian.

As all of the observations taken during the usual hours of solar work agree within 1' of the true meridian, conclude that the instrument is in adjustment.

All measurements are made with a Lallie steel tape 5 chs. in length, compared with a Lufkin standard and found correct.

The measurements are made on the slope, the vertical angles determined with a clinometer and the slope measurements properly reduced to true horizontal distances.

PRELIMINARY FIELD TEST
of
Buff Transit No. 9984
by
Roger F. Wilson, U.S. Transitman.

January 29, 1928: At the station, described on page 1, hereof, near the center of sec. 29, T.6 S., R.6 E., G. and S.R. Base and Meridian, Arizona, latitude $32^{\circ}52\frac{1}{2}'N$. and longitude $111^{\circ}45'W$., examine the adjustments of the instrument and find no errors; then to test the workings of the solar apparatus, proceed as follows:

At 9h 0m a.m., app. t., set off $32^{\circ}52\frac{1}{2}'N$. on the latitude arc, $18^{\circ}06\frac{1}{2}'S$. on the declination arc and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian; the resultant reading of the declination arc is $18^{\circ}05'S$., which agrees with the computed declination of the sun.

At 3h 0m p.m., app. t., with latitude arc unchanged, set off $18^{\circ}2.5'S$. on the declination arc and determine a meridian with the solar which I find to agree with the true meridian.

As all of the observations taken during the usual hours of solar work agree within 1' of the true meridian, I conclude that the instrument is in satisfactory adjustment.

All measurements are made with a Lallie steel tape 5 chs. in length, compared with a Lufkin standard and found correct.

The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

PRELIMINARY FIELD TEST
of
Buff Transit No. 10125
by
Otis O. Gould, U.S. Transitman

January 29, 1928: at the station, described on page 1 hereof, near the center of sec. 29, T.6 S., R.6 E., G. and S.R. Base and Meridian, Arizona, latitude $32^{\circ}52\frac{1}{2}'N$. and longitude $111^{\circ}45'W$., examine the adjustments of the transit and find no errors; then to test the workings of the solar apparatus, I proceed as follows:

at 9h 0m a.m., app. t., set off $32^{\circ}52\frac{1}{2}'N$. on the latitude arc, $18^{\circ}06\frac{1}{2}'S$. on the declination arc and determine a meridian with the solar which I find to agree with the true meridian.

at app. noon, with the latitude arc unchanged, observe the sun on the meridian; the resultant reading of the declination arc is $18^{\circ}05'S$., which agrees with the computed declination.

at 3h 0m p.m., app. t., with the latitude arc unchanged, set off $18^{\circ}02\frac{1}{2}'S$. on the declination arc and determine a meridian with the solar, which I find to agree with the true meridian.

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As all of the observations taken during the usual hours of solar work agree within 1' of the true meridian, conclude that the instrument is in adjustment.

All measurements are made with a Lallie steel tape 5 chs. in length, compared with a Lufkin standard and found correct.

The measurements are made on the slope, the vertical angles determined with a clinometer and the slope measurements properly reduced to true horizontal distances.

4.

Resurvey of the First Standard Parallel South
thru
Range 7 East.

chains

The First Stand. Par. S. thru R.7 E. was surveyed by George P. Ingalls, U.S.D.S., in 1868. The survey was made from west to east and terminated at the establishment of the stand. cor. for Rs. 7 and 8 E.

In 1869, R.W. Norris, U.S.D.S., surveyed the line bet. Rs.7 and 8 E., thru T.5 S., from north to south, failed to find Ingalls Stand. cor. of Rs.7 and 8 E., so established a cor. at the proper termination of his own line.

In 1885, Ridgely C. Powers, U.S.D.S., retraced and resurveyed the 1st Stand. Par. S. and found the Norris stand. cor. of T.5 S., Rs 7 and 8 E. at 52.03 chs. N.49°E. of the Ingalls Stand. cor. of same.

In 1891, Daniel Drummond, U.S.D.S., retraced the 1st Stand. Par. S., thru Range 7 E., except the S. bdy. of sec. 31, also retraced and resurveyed the E. bdy. of T.5 S., R.7 E., and found the same condition as described by Ridgely C. Powers.

No other resurvey or retracement of the 1st stand. par. S. in R. 7 E. is of record.

The following notes describe a dependent resurvey of the 1st. Stand. Par. S. thru Range 7 E., preserving the alinement between all existing stand. $\frac{1}{4}$ sec. and sec. cors. or between accepted points for such cors., at road intersections.

Retracement for Resurvey

accepted
From point for (Norris) stand. cor. of T.5 S., Rs.7 and 8 E, hereinafter described.

S.50°05'W. on random line on S. bdy. sec. 36.

51.75 Intersect^{accepted} point for (Ingalls) stand. cor. of Ts.5 S., Rs.7 and 8 E., hereinafter described.

Thence, west on a random line on S. bdy. of secs. 36, 35 and 34, setting temp. cors. at intervals of 40.00 chs. and making diligent search for orig. cors. at such points.

239.70 Fall 1.47 chs. S. of the stand. cor. of secs. 33 and 34.

Thence, from cor. West on random line on S.bdy. of sec.33.

40.00 Find no trace of $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Fall 65 lks. S. of the stand.cor. of secs. 32 and 33.

Thence, west on random line on S.bdy. of sec. 32.

40.20 Fall 16 lks. S. of the stand. $\frac{1}{4}$ sec. cor.

81.20 Fall 39 lks. N. of the stand. cor. of secs. 31 and 32.

Thence, west on random line on S.bdy. of sec. 31.
stand.

40.00 Find no trace of $\frac{1}{4}$ sec. cor. Set temp. cor.

79.64 Fall 100 lks. N. of the stand. cor. of T.5 S., Rs.6 and 7 E., which is an iron post 3 ins. diam. the brass cap of which is flush with the ground and marked

S C
T 5 S
R 6 E R 7 E
S 36 | S 31

1916

Resurvey of the First Standard Parallel South
thru
Range 7 East.

6834

chains	Resurvey
	Thence, N.89°17'E. on true line on S. bdy. of sec. 31. Over ^{nearly} level land, thru desert growth. Along winding road.
18.90	Cor. of fences extending S. and E. bears S. 180 lks. dist.
39.82	(Midpoint) Set an iron post 3 ft. long 1 in. diam. 33 ins. in the ground for stand. $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} S C \\ \hline \frac{1}{4} S 31 \end{array}$ and set 1928
	2 similar iron posts, one each N.45°E. and N.45°W., 64 lks. dist., similarly set and marked except that WC is added in the Quadrant nearest the true corner.
39.90	Cor. of fences extending S. and W. bears S. 110 lks. dist.
76.60	Leave road, bears NE. and W.
79.64	The stand. cor. of secs. 31 and 32, which is a rotted mesquite stake buried in the ground alongside an iron pipe 3 ins. diam. 4 ins. above ground. In place of stake, and pipe, which are deposited alongside, Set an iron post 3 ft. long 2 ins. diam. 33 ins. in the ground for stand. cor. of secs. 31 and 32, with brass cap marked
	$\begin{array}{c} S C \\ T 5 S R 7 E \\ \hline S 31 S 32 \end{array}$ and set 1928
	2 iron posts, each 3 ft. long 1 in. diam., one each N.45°W. and N.45°E. 64 lks. dist., similarly set and marked except that WC is added in the quadrant nearest the true corner.
	Land: Nearly level. Soil: Gravelly and adobe, 2d rate. Timber: Scattering scrub mesquite. Undergrowth: Greasewood and sage.
	Thence, N.89°14'E. on true line on S. bdy. of sec. 32. W $\frac{1}{2}$. Over nearly level land, thru desert growth.
.80	Cor. of fences extending E. and S. bears N., 10 lks. dist.
3.30	Dry wash, 30 lks. wide, course SE.
8.00	Cross to N. side of fence, extending E. and W.
31.60	Dry wash, 30 lks. wide, course SE.
41.00	The stand. $\frac{1}{4}$ sec. cor., which is an iron pipe 2 ins. diam. 4 ins. above ground in remains of orig. mesquite stake cor. In place of pipe and remains of stake which are deposited alongside: Set an iron post 3 ft. long 1 in. diam. 33 ins. in the ground for stand. $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} S C \\ \hline \frac{1}{4} S 32 \end{array}$ and set 1928

Resurvey of the First Standard Parallel South
thru
Range 7 East.

chains

2 similar iron posts, one each N.45°E. and N.45°W. 64 lks. dist. similarly set and marked except that the marks WC are added in the quadrant nearest the true corner. E. and W. fence bears S. 45 lks. dist. from cor. Thence, S.89°46'E. on true line on S. bdy. of sec. 32. E $\frac{1}{2}$.

39.70 Cor. of fences extending S. and W. bears S., 45 lks. dist.

40.20 The stand cor. of secs. 32 and 33, which is a mesquite stake 4 ins. sq. and 1 ft. long, bearing illegible scribe marks, alongside an iron pipe 2 ins. diam. 4 ins. above ground. In place of iron pipe and stake, which are deposited alongside:

Set an iron post 3 ft. long 2 ins. diam. 36 ins. in the ground for stand. cor. of secs. 32 and 33, with brass cap marked

S C
T 5 S R 7 E
S 32 | S 33

1928

Also set 2 iron posts, each 3 ft. long 1 in. diam., 1 each, N.45°E. and N.45°W. 64 lks. dist. 33 ins. in the ground, similarly marked except that the marks WC are added in the quadrant nearest the true corner.

Land: Nearly level.

Soil: Sandy, gravelly and claylike loam, 2d rate.

Timber: Scattering scrub mesquite.

Undergrowth: Greasewood, sage and cacti.

Thence, S.89°32'E. on true line on S. bdy. of sec. 33.

Over nearly level land; thru desert growth.

36.70 Cor. of fences extending N. and E. bears S., 15 lks. dist.

40.00 (Midpoint) Set an iron post 3 ft. long 1 in. diam. 33 ins. in the ground for stand. $\frac{1}{4}$ sec. cor., with brass cap marked

S C
 $\frac{1}{4}$ S 33

1928

Also set 2 similar iron post, 1 each N.45°E. and N.45°W. 64 lks. dist., similarly set and marked, with the addition of the marks WC in the quadrant nearest true cor.

50.00 Fence extending E. and W. bears S. 15 lks. dist. from cor. Cross to S. side of fence, extends E. and W.

79.55 E. end of fence line from W. bears N.45 lks. dist.

80.00 The stand. cor. of secs. 33 and 34, which is the remains of orig. mesquite stake, underground, alongside an iron pipe 1 in. diam. 4 ins. above ground. In place of mesquite remains and iron pipe, which are deposited alongside:

Set an iron post 3 ft. long 2 ins. diam. 36 ins. in the ground for stand. cor. of secs. 33 and 34, with brass cap marked

S C
T 5 S R 7 E
S 33 | S 34
1928

Resurvey of the First Standard Parallel South
thru
Range 7 East.

8834

chains

Also set 2 iron posts, each 3 ft. long 1 in. diam. 33 ins. in the ground, one each N.45°E. and N.45°W. 64 lks. dist., similarly marked, with the addition of the marks WC in the quadrant nearest the true corner.

Land: Nearly level.
Soil: Gravelly and sandy loam, claylike, 2d rate.
Timber: Scattering mesquite brush.
Undergrowth: Scattering sage and greasewood.

Thence, S.89°39'E. on true line on S. bdy. of sec. 34.
Over level land, thru desert growth. Along unimproved lane.

.46 Cor. of fences extending N. and E. bears N. 45 lks. dist. and cor. of old fences extending S. and E. bears S. 45 lks. dist.

39.95 (Prop. dist.) Set an iron post 3 ft. long 1 in. diam. 38 ins. in the ground, in lane, for stand. 1/4 sec.cor., with brass cap marked

S C
1/4 S 34
1928

Also set 2 similar iron post, one each N.45°E. and N.45°W., 64 lks. dist., similarly marked, with the addition of the marks WC in the quadrant nearest true corner, and set 33 ins. in the ground.

39.95 Power line bears N. and S. 60 lks. thence E.

41.00 Cor. of old fences extending S. and W. bears S.60 lks.dist.

41.20 Ranch house bears N. 115 lks. dist.

79.38 Cor. of fences extending N. and W. bears N.55 lks. dist. and cor. of telephone line extending N. and W. bears N. 35 lks. dist.

79.56 Cor. of power line extending W. and S. bears S.36 lks.dist.

79.70 Unimproved road bears N. and S.

79.90 (Prop. dist.) Set an iron post 3 ft. long 2 ins. diam. 46 ins. in the ground, in unimproved lane, for stand. cor. of secs. 34 and 35, with brass cap marked

S C
T 5 S R 7 E
S 34 | S 35
1928

Also set 2 iron posts, each 3 ft. long 1 in. diam. 33 ins. in the ground, one each, N.45°E. and N.45°W. 64 lks. dist., similarly marked, with the addition of the marks WC in the quadrant nearest the true corner.

Land: Level.
Soil: Adobe, 2d rate.
Timber: Scattering scrub mesquite.
Undergrowth: Scattering greasewood and sage.

Thence, S.89°39'E. on true line on S. bdy. of sec. 35.

Over level land, thru scattering desert growth, along unimproved lane.

Resurvey of the First Standard Parallel South
thru
Range 7 East.

chains

0.34 Telephone line bears N. and S.

0.50 Cor. of fences extending N. and E. bears N., 55 lks. dist.

39.95 (Prop. dist.) Set an iron post 3 ft. long 1 in. diam. 36 ins. in the ground for stand. $\frac{1}{4}$ sec. cor., with brass cap marked

S C
 $\frac{1}{4}$ S 35

1928

Also set 2 similar iron posts one each N.45°E. and N.45°W., 64 lks. dist., 33 ins. in the ground, with brass cap similarly marked, with the addition of the marks WC in the quadrant nearest the true corner.

45.36 Dry wash, 30 lks. wide, course SE.

60.40 Cor. of fences extending N., E. and W. bears N.40 lks. dist.

79.85 Cor. of fences extending N. and W. bears N. 27 lks. dist.

79.90 (Prop. dist.) Set an iron post 3 ft. long 2 ins. diam. 36 ins. in the ground, in unimproved lane, for stand. cor. of secs. 35 and 36, with brass cap marked

S C
T 5 S R 7 E
S 35 | S 36

1928

Also set 2-iron posts, each 3 ft. long 1 in. diam. 33 ins. in the ground, one each N.45°E. and N.45°W., 64 lks. dist., similarly marked, with the addition of the marks WC in the quadrant nearest the true corner.

Land: Level.

Soil: Claylike loam and gravel, 2d rate.

Timber: Scattering scrub mesquite.

Undergrowth: Scattering greasewood, sage and cacti.

Thence, S.89°39'E. on true line on S. bdy. of sec. 36.

Over level land, thru desert growth. Along winding road.

39.95 (Prop. dist.) Set an iron post 3 ft. long 1 in. diam. 36 ins. in the ground for stand. $\frac{1}{4}$ sec. cor., with brass cap marked

S C
 $\frac{1}{4}$ S 36

1928

Also set 2 similar iron posts 33 ins. in the ground, one each N.45°E. and N.45°W., 64 lks. dist., similarly marked, with the addition of the marks WC in the quadrant nearest the true corner.

40.00 Cor. of fences extending S. and E. bears S., 45 lks. dist.

79.65 Cor. of fences extending S. and W. bears S., 45 lks. dist.

79.90 Accepted point for Ingalls' stand. cor. of T.5 S., Rs.7 and 8 E.; determined by collateral evidence to the south, i.e., fencing, road, cultivated land and ranch improvements. This point is record dist., 20 lks. W. of center line of improved road between fences, bearing S. on line bet. secs. 1 and 2 T.6 S., R.7 E.

Resurvey of the First Standard Parallel South
thru
Range 7 East

2000 0804

chains

As this now becomes an angle point, set an iron post, 3 ft. long, 3 ins. diam., 42 ins. in the ground, in roadway, for angle point on S. bdy. of sec. 36, with brass cap marked

S C
T 5 S R 7 E
AP S 36

1928

Also set two iron posts, each 3 ft. long, 1 in. diam., 33 ins. in the ground, one each S.45°W. and N.45°W., 64 lks. dist., similarly marked, with the addition of the marks WC on the quadrant toward the cor.

Thence,
N.50°05'E., on true line, on S. bdy. of sec. 36.

- 0.26 Center line of improved road, bears S. and N.50°E. Unimproved to the NE. Cor. of fences bearing E. and S. bears S.36°E., 77 lks. dist.
- 29.27 Cor. of fences bearing E. and N.50°E. bears E. 2 lks. dist.
- 51.05 Intersect cor. of fences extending E. and S.50°W. Cross on improved highway in turn, bears N. and E.
- 51.75 Accepted point for the Norris std. cor. of Ts. 5 S., Rs. 7 and 8 E., determined from collateral evidence, i.e., center line of improved highway and secondary roads, and cors. of fences.

As a monument set at the true cor. point would be liable to destruction, set four iron posts, each 3 ft. long, 1 in. diam., 33 ins. in ground, one each N.45°E., S.45°E., S.45°W. and N.45°W., 64 lks. dist, for witness cors. to standard cor. of Ts. 5 S., Rs. 7 and 8 E., with brass cap marked

S C
T 5 S
R 7 E | R 8 E
S 36 | S 31

1928

and the marks WC in the quadrant toward the cor. point.

A ranch house bears N.85°E.
Another ranch house bears N.81°W.

Land, level.
Soil, claylike loam, 1st and 2nd rate.
Timber, scrub mesquite.
Undergrowth, greasewood, sagebrush and cacti.



Boundaries of that Part of Township 5 South, Range 7 East
situated outside the Gila River Indian Reserv.

Latitudes, departures and closing errors.

Line designated	True Course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
South boundary (1st Std. Par. S.)	S. 50°05'W.	51.75		33.21		39.69
	N. 89°39'W.	239.70	1.47			239.70
	N. 89°32'W.	80.00	.65			80.00
	N. 89°46'W.	40.20	.16			40.20
	S. 89°14'W.	41.00			.55	41.00
	S. 89°17'W.	79.64			1.00	79.64
West boundary	North	160.00	160.00			
Subdivisional Boundary (identical with Bdy. of G.R. Indian Reserv.)	N. of Sec. 30	N. 88°52'E.	39.23	.77		39.22
	N. of Sec. 29	N. 88°55'E.	39.90	.75		39.89
		N. 89°47'E.	80.16	.30		80.16
	N. of Sec. 28	S. 89°31'E.	80.26		.68	80.26
		S. 89°50'E.	40.42		.12	40.42
	N. of Sec. 27	N. 89°43'E.	39.70	.20		39.70
		W. of Sec. 23	N. 0°49'E.	79.70	79.70	
	W. of Sec. 14	N. 0°30'E.	39.98	39.98		.35
		N. 0°02'W.	39.95	39.95		
	N. of Sec. 14	S. 89°52'E.	39.88		.09	39.88
		S. 89°16'E.	40.15		.51	40.15
	W. of Sec. 12	North	60.31	60.31		
		S. 89°50'E.	20.00		.06	20.00
	thru Sec. 12	S. 0°02'E.	19.93		19.93	.01
		S. 89°48'E.	20.00		.07	20.00
		S. 0°01'E.	20.04		20.04	.01
S. 89°50'E.		39.92		.12	39.92	
N. 0°06'W.		20.00	20.00			.03
N. 0°01'W.		19.98	19.98			.01
S. 89°50'E.		19.92		.06	19.92	
N. 0°05'W.		19.99	19.99			.03
S. 89°49'E.		16.89		.05	16.89	
East boundary		S. 0°25'E.	46.65		46.65	.34
	S. 0°06'E.	120.20		120.20	.21	
	S. 1°21'E.	40.20		40.19	.95	
	S. 0°13'W.	39.75		39.75		.15
	S. 0°17'E.	120.44		120.44	.60	
Convergency					.24	
Totals			443.72	444.21	520.47	520.26
				443.72	520.26	
	Error in latitude			0.49		
	Error in departure				0.21	

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

BOOK 3834

chains.

The subdivision lines of secs. 30 and 31 were surveyed in 1868 by Wilfred F. Ingalls, U.S.D.S. The remainder of the subdivisional lines of T. 5 S., R. 7 E. were surveyed by D. Drummond, U.S.D.S., in 1891.

The boundaries of the Gila River Indian Reservation in T. 5 S., R. 7 E. were resurveyed in 1911-12 and 1919 by G.P. Harrington, U.S.S., who also resurveyed the subdivision lines inside the reservation.

No other retracement or resurvey of subdivision lines of this township is of record.

The following notes describe a dependent resurvey of the subdivision lines of T. 5 S., R. 7 E. outside the Gila River Indian Reservation.

From the stand. cor. of secs. 35 and 36, on S. bdy. of Tp., hereinbefore described.
N. 0° 15' E. on true line bet. secs. 35 and 36.

Over level land, thru desert growth. Along unimproved lane.

0.27 Cor. of fences extending N. and W. bears W. 5 lks. dist.

39.55 Cor. of fences extending S. and W. bears W., 31 lks. dist.

40.05 (Prop. dist.) Set an iron post 3 ft. long 1 in. diam. 35 ins. in the ground, for sec. cor., with brass cap marked

S 35 | S 36

1928

Also set 2 similar posts 33 ins. in the ground, one each N. 45° W. and S. 45° E., 64 lks. dist., similarly marked with the addition of the marks WC in the quadrant nearest the true corner.

Cor. is set in intersection of roads bearing N., S., and W.

40.30 Cor. of fences extending N. and W. bears W. 50 lks. dist.

41.00 A house bears W. about 30 chs. dist.

79.60 Cor. of fences extending S. and W. bears W., 124 lks. dist.

80.10 The point for cor. of secs. 25, 26, 35 and 36, as determined by double proportion.

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

T 5 S R 7 E

S 26 | S 25

S 35 | S 36

1928

also set 2 iron posts, each 3 ft. long 1 in. diam., one each N. 45° W., 36 ins. in the ground, and S. 45° E., 34 ins. in the ground, each 64 lks. dist., similarly marked, with the addition of the marks WC in the quadrant nearest the true corner.

Cor. is set in semi-improved road bearing E. and W., at intersection of unimproved road from the S.

A U.S.G.S Bench mark, which is a bronze cap 5 ins. diam.

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

chains

on a concrete block 6 ins. above ground, bears S.70°W.,
140 lks. dist. The bronze cap is marked

1922
ELEVATION
ABOVE SEA



1400 feet

A ranch house and out buildings bears N.64³/₄°W., about
50 chs. dist.

Land: Level.
Soil: Claylike loam, gravelly, 1st and 2d rate.
Timber: Scattering scrub mesquite.
Undergrowth: Scattering greasewood, sage and cacti.

Thence, S.89°43'E. on true line bet. secs. 25 and 36.
Over level land, along semi-improved road.

20.14 Cor. of fences extending N. and E. bears N. 34 lks. dist.

38.78 Cor. of fences extending S. and E. bears S. 53 lks. dist.

40.15 (Proportional dist.) Set an iron post 3 ft. long, 1 in.
in diam. 33 ins. in the ground for ¹/₄ sec. cor., with
brass cap marked

$\frac{1}{4}$ S 25
 $\frac{1}{4}$ S 36 on N. side of road.
1928

Also set 2 similar iron posts, one each N.45°E. and S.45°W.,
64 lks. dist., 33 ins. in the ground, similarly marked
with the addition of the marks WC in the quadrant near-
est the true corner.

A group of five or six ranch buidings bears N.40°E.
about 40 chs. dist.

Fence extending E. and W. bears N. 38 lks. dist.

71.74 Power line, bears N. and S.

79.80 Power line, bears N. and S.

80.05 Old road, bears N. and S.

80.23 Cor. of fences extending S. and W., bears S. 40 lks. dist.

80.25 Cor. of fences extending N., E. and W. bears N., 41 lks.
dist. Cultivated field to NE.

118.64 Cor. of fences extending N. and W., bears N. 45 lks. dist.

119.09 Intersect W. bdy. of T. 5 S., R. 8 E. at proportional
dist. of., 6.62 chs. N.0°17'W. of ¹/₄ sec. cor. sec. 31,
described in Book "B."

As point of intersection falls in intersection of improved
road bearing N. and S. and semi-improved road bearing W.,
a place not suitable to re-establish permanent cor.

Set 4 iron posts, each 3 ft. long 1 in. diam. 33 ins. in
the ground at points N.45°E., S.45°E., S.45°W., and
N.45°W., 64 lks. dist. from true point for cor., for wit.
cors. to clos. cor. of secs. 25 and 36, with brass cap
marked

T 5 S | T 5 S
CC S 25 | R-8 E
S 36
R 7 E S 31

Resurvey of Part of the Subdivisions.
of
T. 5 S., R. 7 E.

chains

and WC in quadrants of brass caps nearest true point for cor.
A well and pump station bears N.45°W., 150 lks. dist.
A ranch house bears S.41°W.

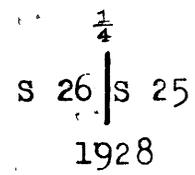
Land: Level.
Soil: Clayloam, 1st and 2d rate.
No timber.
Undergrowth: Sage, on previously cleared land.

From the cor. of secs. 25, 26, 35 and 36.
N.0°11'E. on true line bet. secs. 25 and 26. (S½)
Over level land, thru scattering undergrowth.

32.10 Unimproved road, bears NW. and SE.

40.05 Point for orig. ¼ sec. cor., determined from orig. bearing tree.

Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for ¼ sec. cor., with brass cap marked



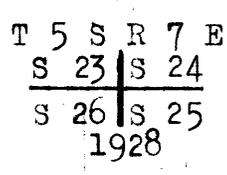
At points N.45°W. and S.45°E., 64 lks. dist., set similar iron posts, similarly set and marked, with addition of WC in quadrants of brass caps nearest the true cor.

The original bearing tree:
A mesquite, 30 ins. diam. bears N.71°E., 40 lks. dist.
marked ¼ S BT.

Thence, N.0°05'E. on true line bet. secs. 25 and 26. (N½)

40.46 The cor. of secs. 23, 24, 25 and 26, which is a stake, 2 ins. sq., 12 ins. long, buried in ground. This is a local perpetuation of the orig. cor. and is unmarked. In place of stake, which is deposited alongside post,

Set an iron post 3 ft. long 2 ins. diam. 34 ins. in ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked



At points N.45°E. and S.45°W., 64 lks. dist., set iron posts, each 3 ft. long 1 in. diam. 33 ins. in ground, for wit. cors., similarly marked, with addition of WC in quadrants of brass caps nearest the true corner.

Land: Level.
Soil: Clayloam, 1st and 2d rate.
Timber: None.
Undergrowth: Mesquite, greasewood, sage and cacti.

S.89°25'E. on true line bet. secs. 24 and 25. (W½)
Over level land, thru scattering undergrowth.

21.55 Fence, extends N. and S.; cor. of fences extending N., S. and E. bears S., 28 lks. dist.; cor. of fences extending N., S. and W. bears N., 62 lks. dist.
Continue on S. side of road, between cultivated fields.

Resurvey of Part of the Subdivisions
of

T. 5 S., R. 7 E.

chains

40.04 Accepted point for $\frac{1}{4}$ sec. cor., at proportional dist.,
alinement determined from property fence extending E. and W.

Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
under E. and W. fence, for $\frac{1}{4}$ sec. cor., with brass cap
marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 24 \\ \hline \frac{1}{4} \text{ S } 25 \\ 1928 \end{array}$$

At points N.45°E. and N.45°W., 64 lks. dist., set simi-
lar iron posts, for wit. cors., similarly set and marked,
with addition of WC in quadrants of brass caps nearest
true corner.

Thence, S.89°38'E. on true line bet. secs. 24 and 25. ($E\frac{1}{2}$)
Along property fence. Cultivated fields N. and S., lane
to N., about 20 lks. dist.

10.00 Well and pump bears N., 1 ch. dist.

10.72 Power line, extends N. and S.; cor. pole of power line
extending S. and W. bears N., 70 lks. dist.

11.32 Cor. of fences extending N., S. and E.; continue along
lane, bears E., cultivated field to N. and S. of lane.

11.54 Intersection of roads bearing E., W. and S.

25.00 Ranch buildings bears S., about 25 chs. dist.

40.92 Fence, extends N. and S.

41.30 Intersection of roads bearing E., W. and S.

41.44 Power line, extends N. and S.

77.72 Cor. of fences extending N. and W. bears N., 43 lks. dist.;
cor. of fences extending S. and W. bears S., 43 lks. dist.

78.26 Intersect W. bdy. of T. 5 S., R. 8 E. at accepted point for
closing cor. of secs. 24 and 25, at 6.42 chs., N.0°13'E.
from $\frac{1}{4}$ sec. cor. sec. 30, described in Book "B".

This point for closing cor. of secs. 24 and 25 is deter-
mined from collateral evidence, i.e., intersection of
semi-improved road from W. and improved highway bear-
ing N. and S.; and property fencing NW. and SW.

As the above point for closing cor. falls in improved
highway, a place not suitable for reestablishment of
permanent cor. monument:

At points N.45°E., S.45°E., S.45°W. and N.45°W., 64 lks.
dist., set iron posts, each 3 ft. long 1 in. diam. 33
ins. in ground for wit. cors. to closing cor. of secs.
24 and 25, with brass caps marked

$$\begin{array}{r} \text{T } 5 \text{ S } \text{ T } 5 \text{ S} \\ \text{CC } \frac{\text{S } 24}{\text{S } 25} \text{ R } 8 \text{ E} \\ \text{R } 7 \text{ E } \text{ S } 30 \\ 1928 \end{array}$$

And WC in quadrants of brass caps nearest true point for
cor.

A ranch house bears N.80°W.

Fence extending N. and S. bears E., 45 lks. dist.

Land: Level.

Soil: Clayloam, 1st and 2d rate.

Timber: None.

Undergrowth: Greasewood, mesquite and cacti, in W. 20 chs.

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

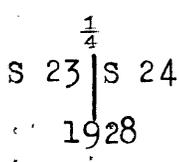
2884

chains

From the cor. of secs. 23, 24, 25 and 26.
 N. 0° 11' E. on true line bet. secs. 23 and 24. (S 1/2)
 A dim road bears W., SW. and N. from cor.; along winding
 road to N., over level land, thru scattering underbrush.

.51 Cor. of fences extending N. and E. bears E., 47 lks. dist.
 19.98 Cor. of fences extending S. and E. bears E., 21 lks. dist.
 39.94 Intersection of unimproved roads, bear N., S., E. and W.

40.10 The 1/4 sec. cor., which is an iron pipe 1 in. diam. 2 ins.
 above ground. This is a local perpetuation of the orig.
 1/4 sec. cor. and is identified as such by nearby settlers.
 In place of pipe, which is deposited alongside post,
 Set an iron post 3 ft. long 1 in. diam. 35 ins. in ground
 for 1/4 sec. cor., with brass cap marked



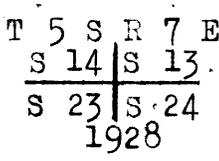
At points N. 45° W. and S. 45° E., 64 lks. dist., set similar
 iron posts, 33 ins. in ground, for wit. cors., similarly
 marked, with addition of WC in quadrants of brass
 caps nearest the true corner.
 Cor. of fences extending N. and W. bears W., 45 lks. dist.

Thence, N. 0° 33' E. on true line bet. secs. 23 and 24. (N 1/2)
 Along road. Cultivated land to NE.

.25 Cor. of fences extending N., S. and E. bears E., 45 lks. dist.
 20.00 Cor. of fences extending N., S. and E. bears E., 30 lks. dist.
 N. end of cultivated land to E.

39.95 Point for orig. cor. of secs. 13, 14, 23 and 24, identified
 by rotted remains of orig. stake, dug up at cor. of
 fences extending S. and W.

Set an iron post 3 ft. long 2 ins. diam. 35 ins. in ground
 for cor. of secs. 13, 14, 23 and 24, with brass cap marked



At points N. 45° E. and S. 45° W., 64 lks. dist., set iron
 posts, each 3 ft. long 1 in. diam. 33 ins. in ground,
 for wit. cors., similarly marked, with addition of WC
 in quadrants of brass caps nearest the true corner.

Land: Level.
 Soil: Clayloam, 1st and 2d rate.
 No timber.
 Undergrowth: Greasewood, mesquite, sage and cacti.

S. 89° 54' E. on true line bet. secs. 13 and 24. (W 1/2)
 Over level land, along fence on S. side of lane.

39.36 Cor. of fences extending S. and W., continue in lane.
 39.56 Intersection of roads extending E., W. and S.

39.66 The 1/4 sec. cor., which is a mesquite stake 4 ins. sq.,
 6 ins. above ground, with scribe marks on N. side visi-
 ble but illegible. In place of stake, which is depos-
 ited alongside post,
 Set an iron post 3 ft. long 1 in. diam. 35 ins. in ground
 for 1/4 sec. cor., with brass cap marked

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

chains

$\frac{1}{4}$ S 13
 $\frac{1}{4}$ S 24
1928

At points N.45°E. and S.45°W., 64 lks.dist., set similar iron posts, 33 ins. in ground, for wit. cors., similarly marked, with addition of WC in quadrants of brass caps nearest the true corner.
Cor. of fences extending N. and W. bears N., 52 lks.dist.
Cor. of fences extending S. and E. bears S., 13 lks.dist.

Thence, S.89°28'E. on true line bet. secs. 13 and 24. (E $\frac{1}{2}$)
Along winding road, bears E. and W.

- 44.63 Cor. of fences extending E., W. and S. bears S., 13 lks.dist.
cor. of fences extending E., W. and N. bears N., 67 lks.dist.
- 52.63 E. end of fence extending W. bears N., 60 lks.dist.
- 76.80 Cor. of fences extending W. and S. bears S., 28 lks.dist.
- 77.30 Intersect W. bdy. of T. 5 S., R. 8 E. at 6.69 chs., N. 0°06' W. from $\frac{1}{4}$ sec. cor. sec. 19, described in book "B".

As point of intersection falls in improved highway bearing N. and S., at intersection of unimproved road from W., a place not suitable for reestablishment of permanent cor. monument:

At points N.45°E., S.45°E., S.45°W. and N.45°W., 64 lks. dist., set iron posts, each 3 ft. long 1 in. diam. 34 ins. in ground for wit. cors. to the closing cor. of secs. 13 and 24, with brass caps marked

T 5 S | T 5 S
CC S 13 | R 8 E
S 24
R 7 E | S 19
1928

and WC in quadrants of brass caps nearest true point for cor.
Fence extending N. and S. bears E., 45 lks.dist.

Land: Level.
Soil: Clayloam, 1st and 2d rate.
No timber.
Undergrowth: Sage and greasewood and mesquite.

From the cor. of secs. 13, 14, 23 and 24.
N. 0°15' W. on true line bet. secs. 13 and 14. (S $\frac{1}{2}$)
Over level land, thru scattering undergrowth.

- .20 Road extends E. and W.
- .54 Cor. of fences extending N. and E.; continue along fence.
- .61 Cor. of fences extending N. and W. bears W., 69 lks.dist.
- 1.80 Old well bears E. about 2 $\frac{1}{2}$ chs. dist.
- 40.03 Point for $\frac{1}{4}$ sec. cor., determined from collateral evidence, i.e., cor. of property fencing, extends S. and E.
Set an iron post 3 ft. long 1 in. diam. 36 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 14 | S 13
1928

At points N.45°E. and S.45°W., 64 lks.dist., set similar iron posts, 33 ins. in ground, for wit. cors., similarly marked, with addition of WC in quadrants of brass caps nearest the true corner.

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

chains

Thence, N.0°14'E. on true line bet. secs. 13 and 14. (N¹/₂)
Along E. side of winding road.

.26 Cor. of fences extending N. and W. bears W., 33 lks. dist.
20.00 House and outbuildings bear W., about 5 chs. dist.
39.23 Cor. of fences extending S. and W. bears W., 45 lks. dist.

39.46 The cor. of secs. 11, 12, 13 and 14, which is a mesquite
stake 4 ins. sq., 2 ft. above ground, with scribe marks
no longer legible. Alongside of stake is an iron post
3 ins. diam. 12 ins. above ground with brass cap marked

GRIR
T 5 S
R 7 E
S 11 PL
PL
1911

Reset the iron post, which is 3 ft. long, 35 ins. in
ground, at point for cor., deposit orig. stake along-
side post, and change marks on brass cap to read

GRIR
T 5 S | R 7 E
S 11 | S 12
S 14 | S 13
1928
1911

At points N.45°E. and S.45°W., 64 lks. dist., set iron
posts, each 3 ft. long 1 in. diam. 33 ins. in ground for
wit. cors., similarly marked, with addition of WC in
quadrants of brass caps nearest the true corner.

Cor. is in intersection of dim roads, extend N., S., E. and W.
Land: Level.
Soil: Clayloam and gravelly, 2d rate.
No timber:
Undergrowth: Sage, on old cultivation.

Thence, S.89°55'E. on true line bet. secs. 12 and 13.
Over levelland, thru desert growth., along winding road.

.43 Cor. of fences extending N. and E. bears N., 49 lks. dist.
10.00 Fence, extend N. and S.; cor. of fences extending N., S.
and W. bears N., 59 lks. dist.; cor. of fences extending
E., W. and N. bears S., 16 lks. dist. Enter house yard.
11.50 Old cabin bears N., 40 lks. dist.; and old cabin bears S.,
about 2 chs. dist.
12.10 Yard fence, bears N. and S.; cor. of fences extending
E. and W. and N., bears S., 16 lks. dist.
12.30 Continue along road in lane, bears E. and SW.
20.00 Cor. of fences extending E., W. and S. bears S., 13 lks. dist.

39.75 Set an iron post 3 ft. long 1 in. diam. 35 ins. in ground
for ¹/₄ sec. cor., with brass cap marked

¹/₄ S 12
S 13
1928

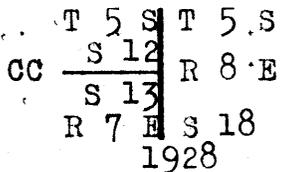
At points N.45°E. and S.45°W., 64 lks. dist., set simi-
lar iron posts, 33 ins. in ground, for wit. cors., simi-
larly marked, with addition of WC in quadrants of brass
caps nearest the true corner.

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

chains

- 40.27 Cor. of fences extending S., E. and W. bears S., 23 lks. dist.; fence extending E. and W. bears N., 65 lks. dist.
- 46.00 Cor. of fences extending E., W. and SE. bears S., 27 lks. dist.
- 74.70 Cor. of fences extending E., W. and SE., bears S., 41 lks. dist.
- 79.30 Cor. of fences extending N. and W. bears N., 48 lks. dist.
- 79.50 Intersection of roads, bear N., S. and W.; continue thru desert growth.
- 83.80 Wash, 40 lks. wide, course NW.
- 86.50 Road, bears NW. and E.; continue along same.
- 116.35 Cor. of fences extending S. and W. bears S., 41 lks. dist.
- 116.75 Intersect W. bdy. of T. 5 S., R. 8 E. at a point 6.71 chs. N. 0° 06' W. from $\frac{1}{4}$ sec. cor. sec. 18, described in book "B". As point of intersection falls in improved highway extending N. and S., at intersection of unimproved road from the W., a place not suitable for reestablishment of permanent cor. monument.

At points N. 45° E., S. 45° E., S. 45° W. and N. 45° W., 64 lks. dist., set iron posts, each 3 ft. long 1 in. diam. 33 ins. in ground, for wit. cors. to closing cor. of secs. 12 and 13, with brass caps marked



and WC in quadrants of brass caps nearest true point for cor.

Fence extending N. and S. bears E., 48 lks. dist.

Land: Level.

Soil: Clayloam, 1st and 2d rate.

No timber:

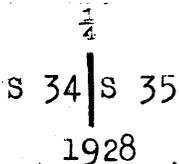
Undergrowth: Mesquite, greasewood, sage and cacti.

From the stand. cor. of secs. 34 and 35, on S. bdy. of T., hereinbefore described.

N. 0° 19' E. on true line bet. secs. 34 and 35.

Over level land, along unimproved lane.

- .15 Unimproved road, bears E. and W.
- .40 Telephone line, extends E. and W.
- 18.90 Cor. of fences extending N., S. and W. bears W., 45 lks. dist.
- 39.02 Cor. of fences extending S. and W. bears W., 45 lks. dist.
- 39.61 N. end of fence extending S. bears E., 64 lks. dist.
- 40.07 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked



At points N. 45° E. and S. 45° W., 64 lks. dist., set similar iron posts, for wit. cors., similarly set and marked, with addition of WC in quadrants of brass caps nearest the true corner.

Resurvey of Part of the Subdivisions
of

T. 5 S. R. 7 E.

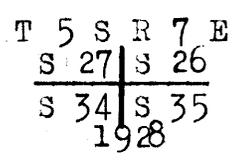
2834

chains

40.46 Telephone line. Cor. pole of telephone line extending
W. and N. and S. bears E., 35 lks. dist.

80.14 Point for cor. of secs. 26, 27, 34 and 35, as determined
from collateral evidence, i.e., old graded road extend-
E. and W. at intersection of unimproved road extending
N. and S.; and property fence cor. to NW.

Set an iron post 3 ft. long 2 ins. diam. 38 ins. in ground
in intersection of roads; for cor. of secs. 26, 27, 34
and 35, with brass cap marked

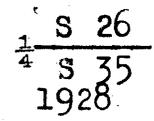


At points N.45°W. and S.45°E., 64 lks. dist., set iron
posts, each 3 ft. long 1 in. diam. 33 ins. in ground
for wit. cors., similarly marked, with addition of WC
in quadrants of brass caps nearest the true corner.

Land: Level.
Soil: Clayloam, 1st and 2d rate.
No timber.
Undergrowth: Greasewood, sage and mesquite.

From the cor. of secs. 25, 26, 35 and 36.
N.89°46'W. on true line bet. secs. 26 and 35.
Over level land, along old graded road, thru undergrowth.

40.07 The orig. 1/4 sec. cor., which is a rotted mesquite stake,
2 ins. sq., 12 ins. long, buried 3 ins. under ground
in old graded road. In place of stake, which is depos-
ited alongside post,
Set an iron post 3 ft. long 1 in. diam. 36 ins. in ground
for 1/4 sec. cor., with brass cap marked.



At points N.45°W. and S.45°E., 64 lks. dist., set simi-
lar iron posts, 33 ins. in ground, for wit. cors., simi-
larly marked, with addition of WC in quadrants of brass
caps nearest the true corner.

Cor. of fences extending S. and E. bears S., 45 lks. dist.

73.75 Wash, 30 lks. wide, course SE.
79.54 Telephone line, extends N. and S.
79.82 The cor. of secs. 26, 27, 34 and 35.

Land: Level.
Soil: Clayloam, 1st and 2d rate.
Timber: None.
Undergrowth: Sage, mesquite and greasewood.

Resurvey of Part of the Subdivisions
of

T. 5 S., R. 7 E.

- chains
- N.0°05'E. on true line bet. secs. 26 and 27. ($S\frac{1}{2}$)
Over level land, along old road, thru scattering brush.
- .38 Cor. pole of power line extending N. and W. bears W., 46 lks. dist.
.45 Cor. of fences extending N. and W. bears W., 45 lks. dist.
- 40.08 Point for $\frac{1}{4}$ sec. cor., determined from collateral evidence,
i.e., center line of unimproved roadway, and property
fences extending N., S. and W.
- Set an iron post 3 ft. long 1 in. diam. 36 ins. in ground
for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
S. 27 | S 26
1928
- At points N.45°E. and S.45°W., 64 lks. dist., set simi-
lar iron posts, for wit. cors., 33 ins. in ground, simi-
larly marked, with addition of WC in quadrants of brass
caps nearest the true corner.
- Cor. of fences extending W., N. and S. bears W., 45 lks. dist.
Power line extending N. and S. bears W., 36 lks. dist.
Telephone line extending N. and S. bears E., 36 lks. dist.
- Thence, N.1°16'W. on true line bet. secs. 26 and 27. ($N\frac{1}{2}$)
Along unimproved road. Cultivated land to West.
- 13.17 Cor. of fences extending W., N. and S. bears W., 45 lks. dist.
16.67 Telephone line extends E. and W. to house; house bears
W., about 8 chs. dist.; cor. pole of telephone line
extending S. and W. bears E., 30 lks. dist.; cor. of
fences extending W., N. and S. bears W., 45 lks. dist.
- 17.17 Unimproved road, extends E. and W. to house.
17.27 Cor. pole of powerline extending W. and S. bears W., 34
lks. dist.
- 40.70 The cor. of secs. 22, 23, 26 and 27, on S. bdy. of Gila
River Indian Reservation, which is an iron post 2 ins.
diam. 12 ins. above ground, with brass cap marked
- GRIR
T 5 S R 7 E
S 22 | S 23
S 27 | S 26
1919 (and NW. of cor.)
and witnessed by 4 bearing trees, 1 each NE., SE., SW./
Cor. is under fence extending N. and S., along E. side
of lane.
- Land: Level.
Soil: Clayloam, 1st and 2d rate.
No timber.
Undergrowth: Mesquite, greasewood and sage.
-
- From the cor. of secs. 23, 24, 25 and 26.
N.89°30'W. on true line bet. secs. 23 and 26.
Over level land, along road, thru scattering undergrowth.
- 30.00 Intersection of roads bearing E., NE. and SW.; continue
thru scattering brush.
- 40.42 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 23
S 26
1928

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

chains	At points N.45°E. and S.45°W., 64 lks. dist., set similar iron posts, for wit. cors., similarly set and marked, with addition of WC in quadrants of brass cap nearest the true corner.
40.68	Fence, extends N. about 20 chs., thence W.; and S. about 20 chs., thence W.
42.50	Ditch, 8 lks. wide, course SW. (dry)
80.84	The cor. of secs. 22,23,26 and 27, on Gila River Indian Reservation Boundary. Land: Level. Soil: Clayloam, 1st and 2d rate. Timber: None. Undergrowth: Sage, mesquite and greasewood.

	From the cor. of secs. 13,14,23 and 24. N.89°55'W. on true line bet. secs. 14 and 23. Over level land, along winding road, thru brush.
20.34	Cor. of fences extending N. and E. bears N.,52 lks.dist.
40.17	The $\frac{1}{4}$ sec. cor., which is a mesquite stake 2 ins. sq., 1 ft. above ground, marked $\frac{1}{4}$ on N. side. In place of stake, which is deposited alongside post, Set an iron post 3 ft. long 1 in. diam. 35 ins.in ground for $\frac{1}{4}$ sec. cor., with brass cap marked $\begin{array}{r} \frac{1}{4} \text{ S } 14 \\ \hline \frac{1}{4} \text{ S } 23 \\ 1928 \end{array}$
	At points N:45°E. and S.45°W., 64 lks. dist., set similar iron posts, 33 ins. in ground, for wit. cors., similarly marked, with addition of WC in quadrants of brass caps nearest the true corner.
80.34	The cor. of secs. 14,15,22 and 23, on E. bdy. of Gila River Indian Reservation, which is an iron post 2 ins. diam. 6 ins. above ground, with brass cap marked $\begin{array}{r} \text{G} \quad \text{T} \quad 5 \text{ S } \text{R} \quad 7 \text{ E} \\ \text{R} \quad \text{S } 15 \text{ } \text{S } 14 \\ \text{I} \quad \text{S } 22 \text{ } \text{S } 23 \\ \text{R} \quad \quad \quad 1919 \end{array}$ (and NW. of cor. and witnessed by 4 bearing trees, 1 each NE.,SE.,SW./ Land: Level. Soil: Clay loam and gravelly, 1st and 2d rate. Timber: None. Undergrowth: Greasewood, mesquite, sage and cacti.

	From the stand. cor. of secs. 33 and 34, (1st Stand. cor. S.) on S. bdy. of Tp., hereinbefore described. N.0°13'W. on true line bet. secs. 33 and 34. (S $\frac{1}{2}$) Over level land, thru scattering brush, along winding road.
21.78	Cor. of fences extending N.,S.and E. bears E.,48 lks.dist.
40.18	The $\frac{1}{4}$ sec. cor., which is a rotted mesquite stake buried in ground. Alongside is an iron rod, 1 in. diam. 2 ins. above ground. In place of stake and rod, which are deposited alongside, Set an iron post 3 ft. long 1 in. diam. 33 ins.in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Resurvey of Part of the West Boundary
of

T. 5 S., R. 7 E.

chains

$\frac{1}{4}$
S 33 | S 34
1928

At point N.45°W. and S.45°E., 64 lks. dist., set similar iron posts, for wit. cors., similarly set and marked, with addition of WC in quadrants of brass caps nearest the true corner.

Cor. of fences extending N., S. and E. bears E., 51 lks. dist.

Thence, N.0°06'W. on true line bet. secs. 33 and 34. (N $\frac{1}{2}$)
Along winding road, thru scattering brush; cultivated land to E.

18.84 Cor. of fences extending S. and E. bears E., 49 lks. dist.

N. end of cultivated land to E.

34.60 Wash, 30 lks. wide, course NE.

39.64 E. end of fence extending W. bears W., 45 lks. dist.

40.09 Accepted point for cor. of secs. 27, 28, 33 and 34, which is determined from collateral evidence, i.e., center line of old graded road extending E. and W., at intersection of unimproved road extending N. and S., and property fencing NW. and SW.

Set an iron post 3 ft. long 2 ins. diam. 36 ins. in ground at intersection of roads extending N., S., E. and W., for cor. of secs. 27, 28, 33 and 34, with brass cap marked

T 5 S R 7 E
S 28 | S 27
S 33 | S 34
1928

At points N.45°W. and S.45°E., 64 lks. dist., set iron posts, each 3 ft. long 1 in. diam. 33 ins. in ground, for wit. cors., similarly marked, with addition of WC in quadrants of brass caps nearest the true corner.

Land: Level.

Soil: Clayloam, 2d rate.

No timber.

Undergrowth: Mesquite, greasewood and sage.

From the cor. of secs. 26, 27, 34 and 35.

N.89°40'W. on true line bet. secs. 27 and 34.

Over level land, along center line of old graded road.

39.95 Cor. of yard fence extending N. from E. and W. fence bears N., 46 lks. dist.

40.27 Set an iron post 3 ft. long 1 in. diam. 36 ins. in ground, in road, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 27
S 34
1928

At points N.45°E. and S.45°W., 64 lks. dist., set similar iron posts, 33 ins. in ground, for wit. cors., similarly marked, with addition of WC in quadrants of brass caps nearest the true corner.

S. end of property fence thru sec. 27 bears N., 4 chs. dist.

40.32 Power line bears S. and N., 38 lks., thence E.

A ranch house bears S.17°W. (1)

A ranch house bears S.4 $\frac{1}{2}$ °W. (2)

40.35 Road extends S. from E. and W. road.

40.67 Cor. of fences extending S. and W. bears S., 45 lks. dist.

Cultivated land to SW. of fence.

41.30 A house bears N., 170 lks. dist.

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

chains

75.60 Cor. of fences extending S. and E. bears S., 45 lks. dist.;
cor. of fences extending N. and E. bears N., 45 lks. dist.;
W. end of cultivated land in sec. 34.

78.00 Wash, 20 lks. wide, course NE.

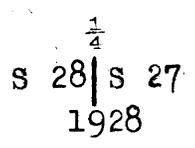
80.54 The cor. of secs. 27, 28, 33, and 34.
Ranch house bears S. 65° E. (1)
Ranch house bears S. 46 1/4° E. (2)

Land: Level.
Soil: Clayloam, 1st and 2d rate.
Timber: None.
Undergrowth: Greasewood, mesquite and sage.

N. 0° 15' W. on true line bet. secs. 27 and 28.
Over level land, along winding road thru scattering brush.

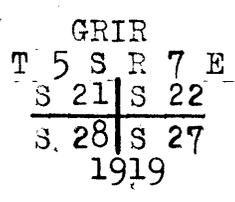
.45 Cor. of fences extending N. and W. bears W., 45 lks. dist.

40.28 Point for 1/4 sec. cor., determined from collateral evidence,
i.e., property fence extending E. from N. and S. fence.
Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground,
under E. and W. fence, for 1/4 sec. cor., with brass cap
marked



At points N. 45° W. and S. 45° E., 64 lks. dist., set sim-
ilar iron posts, for wit. cors., similarly set and
marked, with addition of WC in quadrants of brass caps
nearest the true corner.
Cor. of fences extending N., S. and E. bears W., 44 lks. dist.

80.13 The cor. of secs. 21, 22, 27 and 28 on S. bdy. of Gila River
Indian Reservation, which is an iron post 2 ins. diam.
12 ins. above ground, with brass cap marked



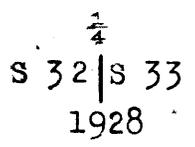
At cor. of fences extending E. and SW. about 65 lks.,
thence S.

Land: Level. Soil: Clayloam, 1st and 2d rate.
No timber.
Undergrowth: Sage, mesquite and greasewood.

From the stand. cor. of secs. 32 and 33, on S. bdy. of Tp.,
hereinbefore described.
N. 0° 23' W. on true line bet. secs. 32 and 33.
Over rolling land, thru scattering brush.

23.75 Unimproved road, bears NW. and SE.

40.16 Set an iron post 3 ft. long 1 in. diam. 27 ins. in ground
for 1/4 sec. cor., with brass cap marked

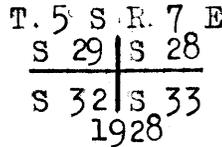


Raise a mound of stone 2 ft. base 1 1/2 ft. high west of cor.

Resurvey of Part of the Subdivisions
of
T. 5. S., R. 7. E.

chains

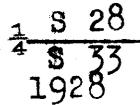
80.20. Old graded road, bears E. and W.
80.32. The cor. of secs. 28, 29, 32 and 33, which is the remains of a mesquite stake buried in small mound of earth. In place of remains of stake, which are deposited alongside, Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 28, 29, 32 and 33, with brass cap marked



Raise a mound of stone 2 ft. base 1½ ft. high W. of cor.
Land: Rolling. Soil: Clayloam and gravel, 2d rate.
No timber.
Undergrowth: Mesquite, sage, greasewood and cacti.

40.03

From the cor. of secs. 27, 28, 33 and 34.
N. 89° 43' W. on true line bet. secs. 28 and 33. (E½).
Over level land, along old graded road, thru scattering brush.
Point for ¼ sec. cor., determined from collateral evidence, i.e., property fence cors. to N. and S., and center line of old graded road extending E. and W.
Set an iron post 3 ft. long 1 in. diam. 36 ins. in ground in graded road, for ¼ sec. cor., with brass cap marked



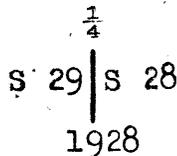
At points N. 45° W. and S. 45° E., 64 lks. dist., set similar iron posts, 33 ins. in ground, for wit. cors., similarly marked, with addition of WC in quadrants of brass caps nearest the true corner.
Cor. of fences extending N. and E. bears N., 45 lks. dist.
Cor. of fences extending S. and E. bears S., 45 lks. dist.
Thence, N. 89° 17' W. on true line bet. secs. 28 and 33. (W½)
Over rolling land, along graded road, thru scattering brush.
3.00 Wash, 20 lks. wide, course N. 60° E.
40.15 The cor. of secs. 28, 29, 32 and 33.
Land: Level and rolling. Soil: Clayloam, 2d rate.
No timber. Undergrowth: Mesquite, sage and greasewood.

12.00
27.00

N. 0° 12' W. on true line bet. secs. 28 and 29. (S½)
Over nearly level land, thru desert growth.
Unimproved road, bears NE. and SW.
Wash, 10 lks. wide, course SE.

40.16

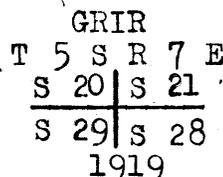
The ¼ sec. cor., which is a stone 12x10x8 ins. above ground marked ¼ on W. In place of stone, which is deposited alongside of post,
Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for ¼ sec. cor., with brass cap marked



Raise a mound of stone 2 ft. base 1½ ft. high W. of cor.
Thence, N. 0° 20' W. on true line bet. secs. 28 and 29. (N½)
Along foot of hills to W., bearing N. and S.

39.98

Intersect the cor. of secs. 20, 21, 28 and 29 on S. bdy. of Gila River Indian Reservation, which is an iron post 2 ins. diam. 12 ins. above ground, with brass cap marked



witnessed by a mound of stone 2ft. base 1½ft. high W. of cor.

Resurvey of Part of the Subdivisions
of

8834

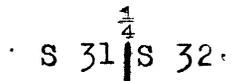
T. 5 S., R. 7 E.

chains and 3 bearing trees, 1 each NE., SE. and SW. of cor.
 Land: Rolling and level.
 Soil: Gravelly loam, 2d and 3d rate.
 Timber: Scattering scrub mesquite and paloverde.
 Undergrowth: Greasewood, sage and cacti.

 on S. bdy. of Tp.,
 From the stand. cor. of secs. 31 and 32 hereinbefore described.
 N. 0° 14' E. on true line bet. secs. 31 and 32.
 Over rolling & level land, thru desert growth.

- 1.20 Wash, 25 lks. wide, course SE.
- 4.00 Road, bears NE. and SW. Unimproved.
- 16.30 Road, bears N. 70° E. and S. 70° W., unimproved.
- 39.40 Wash, 15 lks. wide, course E.

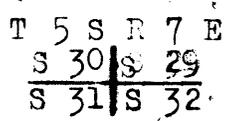
40.16 (Proportional dist.) Set an iron post 3 ft. long 1 in. diam. 3/4 ins. in ground for 1/4 sec. cor., with brass cap marked



1928 and raise
 a mound of stone 2 ft. base 1 1/2 ft. high west of corner.

72.00 Base of hills, bears E. and W.; ascend 50 ft. on SE. slope.

80.32 (Proportional dist.) Set an iron post 3 ft. long 2 ins. diam. 24 ins. in ground in a mound of stone, for cor. of secs. 29, 30, 31 and 32, with brass cap marked



1928 and raise
 a mound of stone 2 ft. base 1 1/2 ft. high west of corner.
 Cor. is on summit of low saddle of ridge, bears NE. and SW.

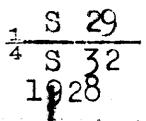
Land: Rolling and level.
 Soil: Rocky and gravelly, claylike loam, 2d and 3d rate.
 Timber: Scattering mesquite and paloverde.
 Undergrowth: Greasewood and cacti.

 From the cor. of secs. 28, 29, 32 and 33.
 S. 89° 43' W. on true line bet. secs. 29 and 32.
 Over rolling & level land, thru desert growth.
 Along semi-improved road.

15.00 Intersection of roads bearing NE., SW., E. and NW.; continue over desert land.

39.60 Road, bears SW. and NE. about 1 ch. thence E.

40:18 (Proportional dist.) Set an iron post 3 ft. long 1 in. diam. 24 ins. in ground in a mound of stone, for 1/4 sec. cor., with brass cap marked



and raise
 a mound of stone 2 ft. base 1 1/2 ft. high north of corner.

55.00 Base of hills, bears NE. and SW.; asc. 225 ft. on SE. slope.

67.00 Spur, slopes S.; descend 120 ft. on SW. slope.

80.36 (Proportional dist.) The cor. of secs. 29, 30, 31 and 32.

Resurvey of Part of the Subdivisions
of
T. 5 S., R. 7 E.

chains

Land: Rolling and level.
Soil: Rocky and gravelly, claylike loam, 2d and 3d rate.
Timber: Scattering mesquite and paloverde.
Undergrowth: Greasewood and cacti.

The cor. of secs. 25, 30, 31 and 36, on W. bdy. of Tp. is an iron post 3 ins. diam. 10 ins. above ground, with brass cap marked



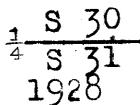
1916

(and NW. of cor.)

and witnessed by 4 bearing trees, 1 each NE., SE., SW. Thence, N. 89° 01' E. on true line bet. secs. 30 and 31. Over level land, thru desert growth.

8.50 Wash, 30 lks. wide, course SE.

39.80 (Proportional dist.) Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked



and raise

a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high north of corner.

46.65 Wash, 30 lks. wide, course S.

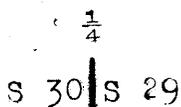
70.00 Foot of hills, bears NE and S.; ascend 75 ft. on NW. slope. (Proportional dist.)

79.95 Intersect the cor. of secs. 29, 30, 31 and 32.

Land: Rolling and level.
Soil: Rocky and gravelly loam and clay, 3d rate.
Timber: Scattering scrub mesquite and paloverde.
Undergrowth: Greasewood and cacti.

Thence, N. 0° 28' W. on true line bet. secs. 29 and 30. Over rolling and level land, thru desert growth.

40.16 (Proportional dist.) Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

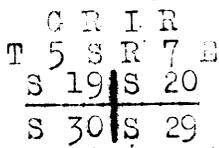


1928

and raise

a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high west of corner.

80.32 (Proportional dist.) Intersect the cor. of secs. 19, 20, 29 and 30, on S. bdy. of Gila River Indian Reservation; which is an iron post 2 ins. diam. 12 ins. above ground, with brass cap marked



1919

Land: Rolling and level.
Soil: Gravelly, claylike loam, 3d and 3d rate.
Timber: Scattering mesquite and paloverde.
Undergrowth: Greasewood and cacti.

chains The continued satisfactory adjustment of the solar apparatus of the instruments used in the execution of the resurveys and surveys described in the foregoing notes is indicated from field tests of said instruments described in Book "B" of this group.

GENERAL DESCRIPTION

This township is situated in the valley of the Gila River and the surface is level with the exception of a low rocky ridge of the Sacaton Mountains which extends southwesterly thru sec. 29, and a low rocky butte in sec. 32.

The drainage in the south tier of sections is southerly to Santa Cruz Wash and the drainage of the remainder of the township is northeasterly to the Gila River.

The soil is a clay loam and generally 1st rate, thruout the level part of the township. The hills are 4th rate lava rock.

There is scattering growth of scrub mesquite thruout the township, with paloverdes growing around the foot of the hills.

The land which has been cleared but otherwise unimproved is covered with short sage. The native undergrowth is greasewood, sage and cacti.

There is no surface water, but water is being found, and used, at depths ranging from fifteen to a hundred feet.

Land under cultivation is in NW. sec. 34, secs. 35, 36, 25, 24 and 14.

Unimproved lanes follows the section lines of the SE $\frac{1}{4}$ of the township, but the country seems pretty generally in a state of disuse.

There are no indications of mineral activity.

BOOK 3834

4-680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
<u>To Dupree R. Averill</u>	
Frank Burgess	First assistant.(chainman)
Dave Cummins,	Second assistant.(chainman)
Cecil Emmons	Flagman
Elliott Pierson	Cornerman
<u>To Roger F. Wilson</u>	
Howard Beard	First chainman.
Robert Depue	Second chainman
Ben Randall	Axman
Clair Pierson	Cornerman
<u>To Otis O. Gould</u>	
Fred Pender	First chainman
Earl Endicott	Second chainman
Glenn Thomas	Flagman
Mark Anderson	Axman
M.E. Brassfield	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Roger F. Wilson U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 150, Arizona bearing date of the 5th day of January, 1928, 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 Subdivision Lines of

Township 5 South, Range 7 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and 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 District Cadastral Engineer, for Group 150 Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona.

Date: June 2, 1928.

Roger F. Wilson U.S. Transitman

APPROVAL.

Office of the United States Surveyor General,

10

The foregoing field notes of the survey of

executed by

under his special instructions dated 10, 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.

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.

U. S. Surveyor General.

CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK 3834

I, Otis O. Gould U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 150, Arizona bearing date of the 5th day of January, 1928, 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 Subdivision Lines of

Township 5 South, Range 7 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and 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 District Cadastral Engineer, for Group 150, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona.

Signature of Otis O. Gould, U.S. Transitman.

Date: May 12, 1928.

APPROVAL.

Office of the United States Surveyor General,

, 19

The foregoing field notes of the survey of

executed by

under his special instructions dated, 19, 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.

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.

U. S. Surveyor General.

34
BOOK 3834

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Dupree R. Averill, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 150 Arizona bearing date of the 5th day of January, 1928, 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, ^{re}surveyed all those parts or portions of

the First Standard Parallel South

in Range 7 East of the Gila and Salt

River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said ^{re}survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 150, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ^{re}survey.

Place: Phoenix, Arizona

Date: May 14, 1928.

Dupree R. Averill
U. S. Surveyor.

APPROVAL.

OFFICE OF THE U. S. SUPERVISOR OF SURVEYS,

Denver, Colo. JUL 15 1928, 192

The foregoing field notes of the ^{re}survey of the First Standard Parallel South thru Range 7 East and Part of the Subdivision Lines of Township 5 South, Range 7 East of the Gila and Salt River Base and Meridian, in the State of Arizona

executed by Dupree R. Averill, U.S. Surveyor and Roger F. Wilson and Otis O. Gould, U.S. Transitmen

under the special instructions dated January 5, 1928 for Group 150, Ariz., having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ^{re}surveys they describe, are hereby approved.

Walter H. Dimes
U. S. Supervisor of Surveys.

~~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.~~

~~U. S. Surveyor General.~~