

4-379
(April 1933)

BOOK 4169

Book 0.

FIELD NOTES

of the

resurvey of section boundaries

and

survey of subdivision-of-section lines

of

Township 5 South, Range 3 East,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Roger F. Wilson, Surveyor

General Land Office

Under special instructions dated May 9, 1936, which provided for the surveys included under Group No. 216, bearing the approval of the Commissioner of the General Land Office under date of May 25, 1936 and assignment instructions dated May 9, 1936.

Survey commenced June 2, 1936

Survey completed June 13, 1936

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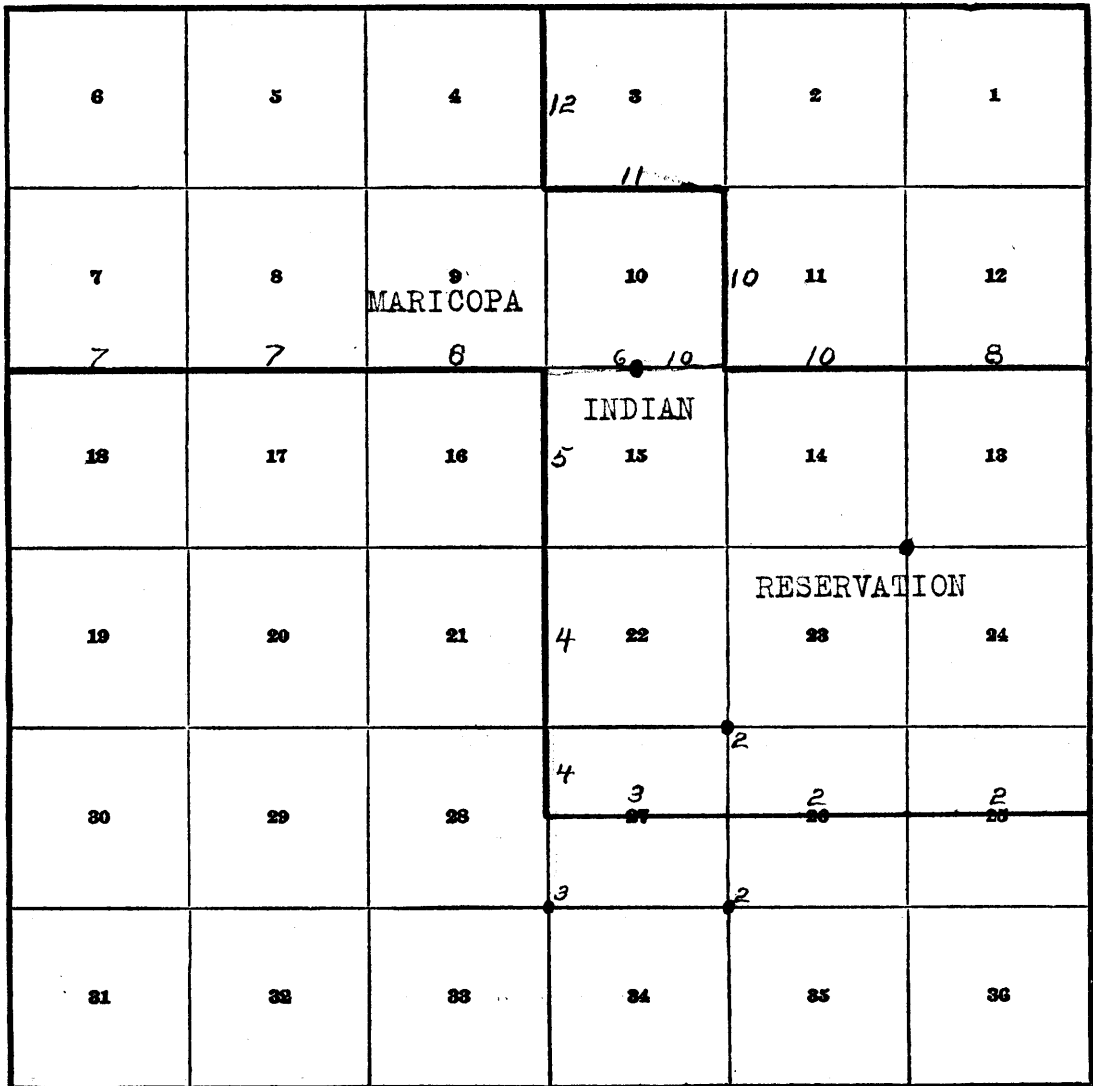
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INDEX DIAGRAM.

Township 5 South, Range 3 East, G. & S.R.Mer.



Boundaries of the Maricopa Indian Reservation
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The surveys in this township were executed with a light-mountain solar transit made by Buff & Buff Manufacturing Co, Serial No. 10125, equipped with the improved Smith solar attachment, and constructed in accordance with the standard specifications of the General Land Office.

The test of the instrument, and other preliminary facts, are described in the field notes of the Subdivision of Sections in T.5 S., R.4 E., surveyed under this group.

The data furnished with the special instructions gives the geographic position for the SE. cor. of T.5 S., R.3 E., as follows: latitude $32^{\circ}56'17''N.$, and longitude $111^{\circ}59'50''W.$

This township was originally surveyed by G.P. Ingalls, D.S., in 1868. The S. bdy. of the township was resurveyed by J.B. Wright and W.H. Elliott, in 1913; the E. bdy. was retraced and partially resurveyed by J.F. Hesse, in 1916; and the W. bdy. was resurveyed by S.E. Blout, in 1922. There is no retracement or resurvey of any portion of the N. bdy. or subdivisional lines of the township, of record.

The following notes describe a survey of the subdivision-of-section lines and a resurvey of the section lines which mark the boundary of the Maricopa Indian Reservation in this township.

Preliminary to the survey, the necessary lines of the original survey are retraced and diligent search is made for the original corners. Necessary missing corners are then reestablished at proportional positions. The retracement data is thoroughly verified and to gain simplification only the true line field notes are recorded herein.

The $\frac{1}{4}$ sec. cor. of secs. 25 and 30, on E. bdy. of T.5 S., R.3 E., is an iron post, 1 in. diam., 9 ins. above ground, firmly set and marked as described in the official record.

As this cor. is now in the center of a graded road, bearing N. and S., I reset it at the same point, with the top 6 ins. below the surface of the road.

From which:

A guy pole bears $N.42\frac{1}{2}^{\circ}E.$, 62 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{2}$ S 30 MIR BO

A power line pole bears $N.47^{\circ}W.$, 61 lks. dist., mkd. $\frac{1}{2}$ S 25 MIR BO

A power line pole bears $S.42^{\circ}W.$, 63 lks. dist.

The NE. cor. of substation keeper's house bears $S.40^{\circ}W.$, 387 lks. dist.

The cor. of fences bearing S. and W. bears $S.43\frac{1}{2}^{\circ}W.$, 70 lks. dist.

the NE. steel girder of substation bears $S.31^{\circ}W.$, 184 lks. dist.

A well traveled road bears $N.60^{\circ}W.$

At a point $S.46\frac{1}{2}^{\circ}W.$, 58 lks. dist. from the cor.

Set an iron post, 3 ft. long, 1 in. diam., 33 ins. in the

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chains

ground, for wit. $\frac{1}{4}$ sec. cor. of secs. 25 and 30 on bdy. of Maricopa Indian Reservation, with brass cap mkd.

M I R

$\frac{1}{4}$

S 25 | S 30

1936

Thence,

N.82°50'W., on E. and W. center line of sec. 25, and S. bdy. of Maricopa Indian Reservation.

Over level land, thru sagebrush and greasewood.

60.70 A traveled road, bears N. and S.

78.33 The $\frac{1}{4}$ sec. cor. of secs. 25 and 26, which is a mesquite post, 6 ins. sq., 12 ins. above a mound of earth, firmly set and marked $\frac{1}{4}$ on W. side.

At point for cor., in place of the old post,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the old post reset alongside, for $\frac{1}{4}$ sec. cor. of secs. 25 and 26, on S. bdy. of Maricopa Indian Reservation, with brass cap mkd.

M I R

$\frac{1}{4}$

S 26 | S 25

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

Land, level. Soil, light clayloam, 1st rate.

Undergrowth, sagebrush and greasewood. No timber.

S.89°52'W., on E. and W. center line of sec. 26, and S. Bdy. of Maricopa Indian Reservation.

Over level land, thru sagebrush, greasewood and mesquite.

70.55 Unimproved but well traveled road, bears N. and S.

79.80 At a point determined by the method of single proportion,

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 26 and 27, on S. bdy. of Maricopa Indian Reservation, with brass cap mkd.

M I R

$\frac{1}{4}$

S 27 | S 26

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

From this point the cor. of secs. 22, 23, 26 and 27 bears N.0°13'E., 39.81 chs. dist.; a mesquite stake, 3 ins. sq., 2 ft. above ground, firmly set and witnessed by dim pits in sections. No marks are legible on the stake.

In place of the old stake, which is reset alongside,

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chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd.

T 5 S R 3 E	
S 22	S 23
S 27	S 26

1936 dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

From the same point, the cor. of secs. 26, 27, 34 and 35 bears S.0°13'W., 39.81 chs. dist., a post, 2 ins. sq., 4 ft. above ground, marked with 2 notches on E. and 1 notch on S. sides, alongside cor. of old fences bearing N. and E. and witnessed by the original pits, in sections.

In place of the post, which is reset alongside,

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap mkd.

T 5 S R 3 E	
S 27	S 26
S 34	S 35

1936 dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

Land, level. Soil, clayloam, 1st rate.

Undergrowth, sage, greasewood and mesquite.

Timber, scattering mesquite.

S.89°52'W., on E. and W. center line of sec. 27, and S. bdy. of Maricopa Indian Reservation.

Over level land, thru sage and mesquite brush.

49.00 Dim road, bears NW. and SE.

80.20 A point determined by the method of single proportion,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 27 and 28, on-bdy. of Maricopa Indian Reservation, with brass cap mkd.

$\frac{1}{4}$	
S 28	MIR S 27

1936 dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

From this point, the cor. of secs. 27, 28, 33 and 34 bears S.0°16'W., 39.87 chs. dist.; a mesquite post, 3 ins. sq., 2 ft. above ground, firmly set, with no legible marks but witnessed by original pits in secs.

In place of the mesquite post, which is reset alongside,

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.

T 5 S R 3 E	
S 28	S 27
S 33	S 34

1936 dig a circular

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in
T. 5 S., R. 3 E.

chains

trench, 6 ft. diam., and pile the dirt around post to top.
Land, level. Soil, light clayloam, 1st rate.
Timber, scattering mesquite.
Undergrowth, sagebrush and mesquite.

N.0°16'E., bet. secs. 27 and 28, on W. bdy. of Maricopa Indian Reservation.

1.70 Wash, 10 ft. wide, 4 ft. deep, course NE.

39.87 The cor. of secs. 21, 22, 27 and 28, which is an iron pipe, 2 ins. diam., 2 ft. above ground, witnessed by the original pits, in sections.

In place of the iron pipe, which is reset alongside,
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, on W. bdy. of Maricopa Indian Reservation, with brass cap mkd.

T 5 S R 3 E
S 21 | S 22
S 28 | S 27

1936 dig a circular

trench, 6 ft. diam., and pile the dirt around post, to top.

From this point a U.S.G.S. Benchmark bears E., 4 lks. dist., a concrete block, 6 ins. sq., 10 ins. above ground firmly set, with brass tablet mkd.

U. S. G. S.
Elevation
Above Sea Level

1223 ft.
Datum
B. M.

Land, level. Soil, clayloam, 1st rate.
Timber, scattering mesquite.
Undergrowth, sagebrush and mesquite.

N.0°30'W., bet. secs. 21 and 22, on W. bdy. of Maricopa Indian Reservation.

Over level land, thru scattering undergrowth.

40.18 Midpoint,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., on W. bdy. of Maricopa Indian Reservation, with brass cap mkd.

$\frac{1}{4}$
S 21 | S 22 M
R

1936 dig a circular

trench, 6 ft. diam., and pile the dirt around post, to top.

80.36 The cor. of secs. 15, 16, 21 and 22, which is a mesquite post, 2 ins. sq., 2 ft. above ground, firmly set, with illegible scribe marks, but witnessed by dim pits in secs.

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chains

Alongside this post is a mesquite post, 5 ins. sq., 18 ins. above ground, mkd. with 3 notches on E. and 3 notches on S. sides, PIR on W. side and a brass plate 1 in. diam., nailed on top and marked U.S.G.S.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with both old posts set alongside, for cor. of secs. 15, 16, 21 and 22, on Bdy. of Maricopa Indian Reservation, with brass cap mkd.

T	5	S	R	3	E	
	S	16	S	15	M	
		S	S	22	R	

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

Land, level. Soil, light clayloam, 1st rate.

Timber, scattering mesquite.

Undergrowth, sagebrush and mesquite.

N.0°09'W., bet. secs. 15 and 16, on W. bdy. of Maricopa Indian Reservation.

Over level land, thru scattering sagebrush and mesquite.

39.99 Midpoint,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., on W. bdy. of Maricopa Indian Reservation, with brass cap mkd.

		$\frac{1}{4}$			
	S	16	S	15	M
					R

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

67.20 Unimproved but well traveled road, bears NW. and SE.

79.98 The cor. of secs. 9, 10, 15 and 16, which is a mesquite post, 2 ins. sq., 2 ft. above ground, firmly set, with illegible scribe marks, but witnessed by the original pits, in secs. Alongside, is a mesquite post, 4 ins. sq., 18 ins. above ground, firmly set and marked with 4 notches on S., 3 notches on E., and PIR on W. sides.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with both old posts reset alongside, for cor. of secs. 9, 10, 15 and 16, on W. bdy. of Maricopa Indian Reservation, with brass cap mkd.

T	5	S	R	3	E	
	S	9	S	10	M	
		S	S	15	R	

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

Land, level. Soil, light clayloam, 1st rate.

Timber, scattering mesquite.

Undergrowth, sagebrush and mesquite.

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in
T. 5 S., R. 3 E.

chains

From this point, the $\frac{1}{4}$ sec. cor. of secs. 10 and 15 bears S. $89^{\circ}45'$ E., 40.56 chs. dist.; a mesquite post, 2 ins. sq., 14 ins. above ground, mkd. $\frac{1}{4}$ on N. side and witnessed by old pits, E. and W.

In place of the old cor., which is reset alongside,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 10
 $\frac{1}{4}$ S 15
M I R

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post, to top.

S. $89^{\circ}45'$ W., bet. secs. 9 and 16, on S. bdy. of Maricopa Indian Reservation.

Over level land, thru scattering undergrowth.

4.00 Unimproved but well traveled road, bears NW. and SE.

31.10 Wash, 5 ft. wide and 3 ft. deep, course N.

33.50 Wash, 10 ft. wide and 3 ft. deep, course N.

39.96 Midpoint,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., on Bdy. of Maricopa Indian Reservation, with brass cap mkd.

M I R

$\frac{1}{4}$ S 9
 $\frac{1}{4}$ S 16

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

53.80 Dim old road, bears N. and S.

75.80 Wash, 20 ft. wide, 2 ft. deep, course N.

77.00 Wash, 10 ft. wide, 2 ft. deep, course NE., to join first wash, about 1 ch. dist.

79.92 The cor. of secs. 8, 9, 16 and 17, which is the pointed remains of a mesquite post, buried in a dim mound of earth, 4 ft. base and 6 ins. high.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, on S. bdy. of Maricopa Indian Reservation, with brass cap mkd.

M I R
T 5 S R 3 E
S 8 | S 9
S 17 | S 16

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

Boundaries of the Maricopa Indian Reservation
in
T. 5 S., R. 3 E.

BOOK 910

chains

Land, level. Soil, light clayloam, 1st rate.
Undergrowth, sagebrush and mesquite. No timber.

S.89°44'W., bet. secs. 8 and 17, on S. bdy. of Maricopa Indian Reservation.

Over level land, thru scattering sagebrush and mesquite.

40.32 The 1/4 sec. cor., which is the remains of a mesquite stake, in small hole, witnessed by dim old pits, E. and W.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., on S. bdy. of Maricopa Indian Reservation, with brass cap mkd.

M I R
S 8
1/4 S 17

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

54.70 Traveled road, bears N. and S.

80.36 The cor. of secs. 7, 8, 17 and 18, which is a mesquite post, 2 ins. sq., 2 ft. long, with illegible scribe marks, lying beside a pine post, 4 ins. sq., 18 ins. above ground, firmly set and witnessed by the old pits in sections.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with both old posts reset alongside, for cor. of secs. 7, 8, 17 and 18, on S. bdy. of Maricopa Indian Reservation, with brass cap mkd.

M I R
T 5 S R 3 E
S 7 | S 8
S 18 | S 17

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

Land, level. Soil, light clayloam, 1st rate.
Undergrowth, sagebrush and mesquite. No timber.

S.88°03'W., bet. secs. 7 and 18, on S. bdy. of Maricopa Indian Reservation.

Over level land, thru scattering sage brush and mesquite.

14.20 Wash, 10 ft. wide, 4 ft. deep, course N.

15.00 Wash, 20 ft. wide, 4 ft. deep, course N.; these two washes join about 2 chs. N. of line.

17.00 Well traveled, unimproved road, bears N. and S.

40.19 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., on S. bdy. of Maricopa Indian Reservation, with brass cap mkd.

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Boundaries of the Maricopa Indian Reservation
in
T. 5 S., R. 3 E.

chains

M I R

S 7
S 18

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

57.40 Dim, traveled road, bears NE. and SW.

63.50 Enter scattering mesquite and catclaw timber, bears N. and S.

81.28 The cor. of Secs. 7 and 18, only, on W. bdy. of Tp., which is an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the official record.

Land, level. Soil, light clayloam, 1st rate.
Undergrowth, greasewood, sage and mesquite.
Timber, mesquite and catclaw in $W\frac{1}{2}$.

The cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp., is the bent and mutilated remains of an iron post, 2 ins. diam., in center of graded road, bearing N. and S. There is no brass cap now on the post.

At point for cor.

Deposit a rock, 4x4x3 ins., mkd. X, 18 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, on N. bdy. of Maricopa Indian Reservation. From which

A power pole, with 3 guy wires, bears N.44 $\frac{1}{2}$ °W., 58 lks. dist.

A power pole, with 1 guy wire, bears S.17°W., 139 lks. dist.

At a point S.45°W., 64 lks. dist., from the cor.

Set an iron post, 3 ft. long, 1 in. diam., 33 ins. in the ground, for wit. cor. of secs. 7, 12, 13 and 18, on N. bdy. of Maricopa Indian Reservation, with brass cap mkd.

WC

T 5 S
R 3 E R 4 E
S 12 S 7
S 13 S 18
M I R

1936

At a point N.45°W., 64 lks. dist., from the cor.

Set an iron post, 3 ft. long, 1 in. diam., 33 ins. in the ground, for wit. cor. of secs. 7, 12, 13 and 18, on N. bdy. of Maricopa Indian Reservation, with brass cap similarly mkd., except that the WC is marked in the lower right quadrant.

Cor. is at junction of roads bearing N. and S., and S.88°W.

Thence

N.86°59'W., bet. secs. 12 and 13, on N. bdy. of Maricopa Indian Reservation.

Over level land, thru scattering undergrowth.

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T.5 S., R.3 E.

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chains

39.74

Midpoint,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., on N. bdy. of Maricopa-Indian Reservation, with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \text{ S } 12 \\ \text{S } 13 \end{array}$$

M I R

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

From this cor.:

The cor. of fences bearing N. and E., bears S. $7\frac{1}{2}^{\circ}$ W., 283 lks. dist.

An 18" well pipe in concrete tank, 10x3 ft., bears S. 56° W., 235 lks. dist.

40.26 Ditch, 6 ft. wide, 1 ft. deep, course N.

42.66 Center of water reservoir, 100x50 ft., 2 ft. deep.

60.15 Ditch, 10 ft. wide, 1 ft. deep, course N.

71.55 Ditch, 5 ft. wide, 18 ins. deep, course NW.

79.48 A point determined by the method of double proportion,

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, on N. bdy. of Maricopa Indian Reservation, with brass cap mkd.

$$\begin{array}{r} \text{T } 5 \text{ S } \text{R } 3 \text{ E} \\ \text{S } 11 \text{ | } \text{S } 12 \\ \text{S } 14 \text{ | } \text{S } 13 \end{array}$$

M I R

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

From this point, the orig. cor. of secs. 13, 14, 23 and 24, bears S. $0^{\circ}41'$ E., 79.80 chs. dist., a mesquite post, 3 ins. sq., 2 ft. long, with no legible marks, but witnessed by distinct old pits in secs.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the orig. cor. reset alongside, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.

$$\begin{array}{r} \text{T } 5 \text{ S } \text{R } 3 \text{ E} \\ \text{S } 14 \text{ | } \text{S } 13 \\ \text{S } 23 \text{ | } \text{S } 24 \end{array}$$

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

From the same point, the cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp., bears N. $0^{\circ}02'$ E., 159.75 chs. dist., described in the field notes of the S. bdy. of T.4 S., R.3 E., resurveyed under this group.

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chains	<p>Land, level. Soil, light clayloam, 1st rate. Undergrowth, sage, greasewood and mesquite. No timber.</p> <hr style="border-top: 1px dashed black;"/> <p>N.89°46'W., bet. secs. 11 and 14, on N. bdy. of Maricopa Indian Reservation.</p> <p>Over level land, thru scattering undergrowth.</p> <p>25.00 Enter scattering mesquite timber, bears N. and S.</p> <p>39.38 Midpoint,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., on N. bdy. of Maricopa Indian Reservation, with brass cap mkd.</p> <div style="text-align: center;"> $\begin{array}{r} \frac{1}{4} \text{ S } 11 \\ \frac{1}{4} \text{ S } 14 \\ \text{M I R} \end{array}$ </div> <p style="text-align: center;">1936 dig a circular</p> <p>trench, 6 ft. diam., and pile the dirt around post, to top.</p> <p>40.50 Leave mesquite timber, bears N. and S., continue thru greasewood and scattering sagebrush.</p> <p>78.76 The cor. of secs. 10, 11, 14 and 15, which is the pointed remains of a mesquite post, 18 ins. long, in a slight mound of earth and witnessed by distinct old pits in secs.</p> <p>At point for cor.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, on Bdy. of the Maricopa Indian Reservation, with brass cap mkd.</p> <div style="text-align: center;"> $\begin{array}{r} \text{T } 5 \text{ S } \text{ R } 3 \text{ E} \\ \text{S } 10 \text{ } \text{S } 11 \\ \text{S } 15 \text{ } \text{S } 14 \\ \text{M I R} \end{array}$ </div> <p style="text-align: center;">1936 dig a circular</p> <p>trench, 6 ft. diam., and pile the dirt around post, to top.</p> <p>From this point, the $\frac{1}{4}$ sec. cor. of secs. 10 and 15, bears N.89°52'W., 40.55 chs. dist., hereinbefore described.</p> <p>Land, level. Soil, light clayloam, 1st rate. Timber, mesquite. Undergrowth, greasewood, sage and mesquite.</p> <hr style="border-top: 1px dashed black;"/> <p>N.0°04'W., bet. secs. 10 and 11, on E. bdy. of Maricopa Indian Reservation.</p> <p>Over level land, thru greasewood and sage.</p> <p>40.00 Midpoint,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., on E. bdy. of Maricopa Indian Reservation, with brass cap mkd.</p>
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chains

	$\begin{array}{c} \frac{1}{4} \\ \text{MIR} \\ \text{S } 10 \mid \text{S } 11 \\ 1936 \end{array}$ <p>dig a circular trench, 6 ft. diam., and pile the dirt around post to top.</p>
41.00	Enter low shifting sandhills, bear NW. and SE.
80.00	<p>The cor. of secs. 2, 3, 10 and 11, which is a mesquite post, 4 ins. sq., 14 ins. above ground, marked with 2 notches on E. and 5 notches on S. side.</p> <p>In place of the post, which is reset alongside,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, on Bdy. of the Maricopa Indian Reservation, with brass cap mkd.</p> $\begin{array}{c} \text{T } 5 \text{ S } R. 3 \text{ E} \\ \text{S } 3 \mid \text{S } 2 \\ \text{S } 10 \mid \text{S } 11 \\ \text{MIR} \\ 1936 \end{array}$ <p>dig a circular trench, 6 ft. diam., and pile the dirt around post to top.</p> <p>Land, S$\frac{1}{2}$ is level; N$\frac{1}{2}$ low rolling sandhills. Soil, S$\frac{1}{2}$ is light clayloam, 1st rate; N$\frac{1}{2}$ is sandy, 2d rate. Undergrowth, greasewood, mesquite and sage. No timber.</p> <p>-----</p> <p>N. 89°49'W., bet. secs. 3 and 10, on N. bdy. of Maricopa Indian Reservation.</p> <p>Over rolling, low sandhills, thru light undergrowth.</p>
30.00	Leave sandhills, bear NW. and SE.; continue over level land.
40.43	<p>Midpoint, and true point for $\frac{1}{4}$ sec. cor., falls in well traveled road bearing N. and S.</p> <p>Set a heavy iron cup, 3 ins. diam., 4 ins. deep, $\frac{1}{2}$ in. thick, mkd. E 2060 on bottom, 18 ins. in the ground, for $\frac{1}{4}$ sec. cor., on N. bdy. of Maricopa Indian Reservation.</p>
40.86	<p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for wit. $\frac{1}{4}$ sec. cor., on N. bdy. of Maricopa Indian Reservation, with brass cap mkd.</p> $\begin{array}{c} \text{S } 3 \\ \frac{1}{4} \text{ S } 10 \text{ WC} \\ \text{MIR} \\ 1936 \end{array}$ <p>from which</p> <p>A 16 in. well pipe bears N. 32$\frac{1}{4}$°W., 187 lks. dist.</p>
41.60	Wash, 10 ft. wide, 1 $\frac{1}{2}$ ft. deep, course N.
42.00	Well traveled road, bears NW. and SE.
80.86	<p>The cor. of secs. 3, 4, 9 and 10, which is a mesquite post, 2 ins. sq., 12 ins. above ground, firmly set, with illegible scribe marks. Alongside is a mesquite post, 5 ins. sq., 2 ft. above ground, firmly set and marked with 3 notches on E. and 5 notches on S. sides.</p> <p>At point for cor.</p>

Boundaries of the Maricopa Indian Reservation
in

T. 5 S., R. 3 E.

chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with both old posts, reset alongside, for cor. of secs. 3, 4, 9 and 10, on bdy. of Maricopa Indian Reservation, with brass cap mkd.

T 5 S R 3 E
S 4 | S 3

S 9 | S 10
M I R

1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post to top.

Land, slightly rolling and level.

Soil, $E\frac{1}{2}$ is sandy, 2d rate; $W\frac{1}{2}$ is light clayloam, 1st rate. Undergrowth, greasewood, sage and mesquite. No timber.

N. $0^{\circ}33'E.$, bet. secs. 3 and 4, on E. bdy. of Maricopa Indian Reservation.

Over level land, thru sagebrush and mesquite.

7.20 Wash, 6 ft. wide and 3 ft. deep, course SW.

39.86 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., on E. bdy. of Maricopa Indian Reservation, with brass cap mkd.

$\frac{1}{4}$
M
I S 4 | S 3
R
1936

dig a circular

trench, 6 ft. diam., and pile the dirt around post, to top.

61.30 Traveled road, unimproved, bears E. and W.

79.42 The cor. of secs. 3, 4, 33 and 34, on N. bdy. of Tp., described in the field notes of the S. bdy. of T. 4 S., R. 3 E., resurveyed under this group.

Land, level. Soil, light clayloam, 1st rate.

Timber, mesquite. Undergrowth, sagebrush and mesquite.

FINAL TEST OF SOLAR ATTACHMENT

June 14: At my station at the SE. cor. of sec. 32, T. 4 S., R. 3 E., at 9h 0m a.m., app.t., I set off $33^{\circ}02'N.$ on the lat. arc; $23^{\circ}18'N.$ on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At 3h 0m p.m., app.t., with latitude arc unchanged, I set off $23^{\circ}18.7'N.$ on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris Observation.

June 14, 1936.

GENERAL DESCRIPTION.

The land in this township is nearly all level. The soil is a light clayloam, 1st rate. The undergrowth is sage, greasewood and mesquite; and the timber is scrub mesquite.

BOOK 4169

CERTIFICATE OF SURVEYOR

I, Roger F. Wilson, Surveyor, General Land Office, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 9th day of May, 1936, received from the district cadastral engineer for Arizona, with assignment instructions dated May 9, 1936, I have surveyed section boundaries and surveyed subdivision-of-section lines of Township 5 South, Range 3 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 said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Glendale, California
February 3, 1939

Roger F. Wilson
Surveyor,
General Land Office.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, February 25, 1939.

The foregoing field notes of the survey of section boundaries and survey of subdivision-of-section lines of Township 5 South, Range 3 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Roger F. Wilson, Surveyor, General Land Office, under special instructions dated May 9, 1936, and assignment instructions dated May 9, 1936, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys.