

BOOK 3726

FIELD NOTES

OF THE SURVEY OF THE

G. & S. R. Meridian through Townships 16, 17, 18 and Frac. 19 South

AND OF THE SURVEY OF

the North Boundary of

TOWNSHIP 18 SOUTH, RANGE 1 WEST

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

William H. Thorn, U.S. Cadastral Engineer

In the capacity of U. S. Surveyor, under Special Instructions dated Sept. 26, 1919, issued by the United States Surveyor General to govern surveys included in Group No. 101, Arizona, which were approved by the Commissioner of the General Land Office, Oct. 22, 1919, and Assignment Instructions dated Oct. 17, 1925.

Resurvey and Survey commenced October 27, 1925.

Resurvey and Survey completed November 6, 1925.

3726

3726





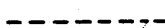
# INDEX DIAGRAM.

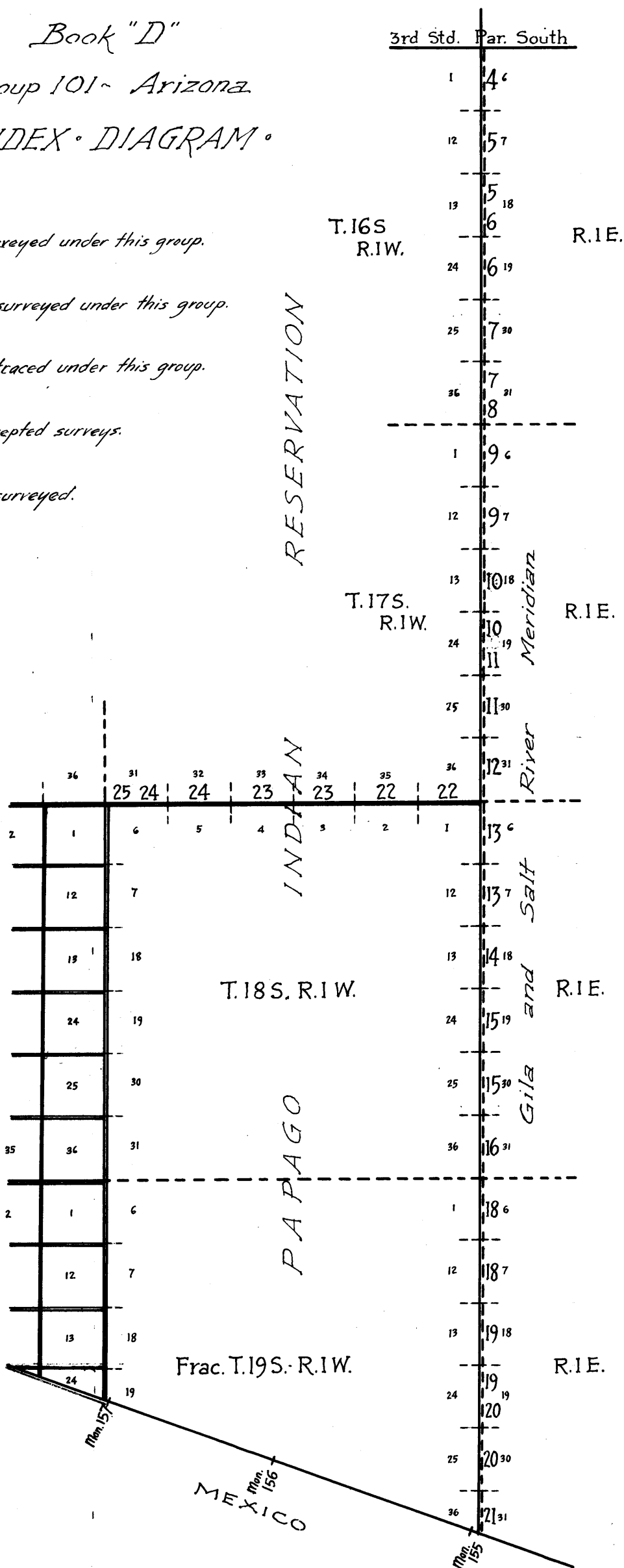
Township \_\_\_\_\_, Range \_\_\_\_\_

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

1A

Book "D"  
Group 101 - Arizona  
INDEX DIAGRAM

-  Surveyed under this group.
-  Resurveyed under this group.
-  Retraced under this group.
-  Accepted surveys.
-  Unsurveyed.



2

Book "D"

Group 101 ~ Arizona

DATE DIAGRAM

~1925

————— Surveyed by W.H.Thorn, U.S.C.E.  
on dates shown thereon.

- - - - - Resurveyed by W.H.Thorn, U.S.C.E.  
on dates shown thereon.

————— Accepted surveys.

————— Surveyed under this group.  
(notes and dates in other books)

————— Retroced under this group.  
(notes and dates in "Book "F"")

- - - - - Unsurveyed.

T.16S.  
R.1W.

R.1E.

T.17S.  
R.1W.

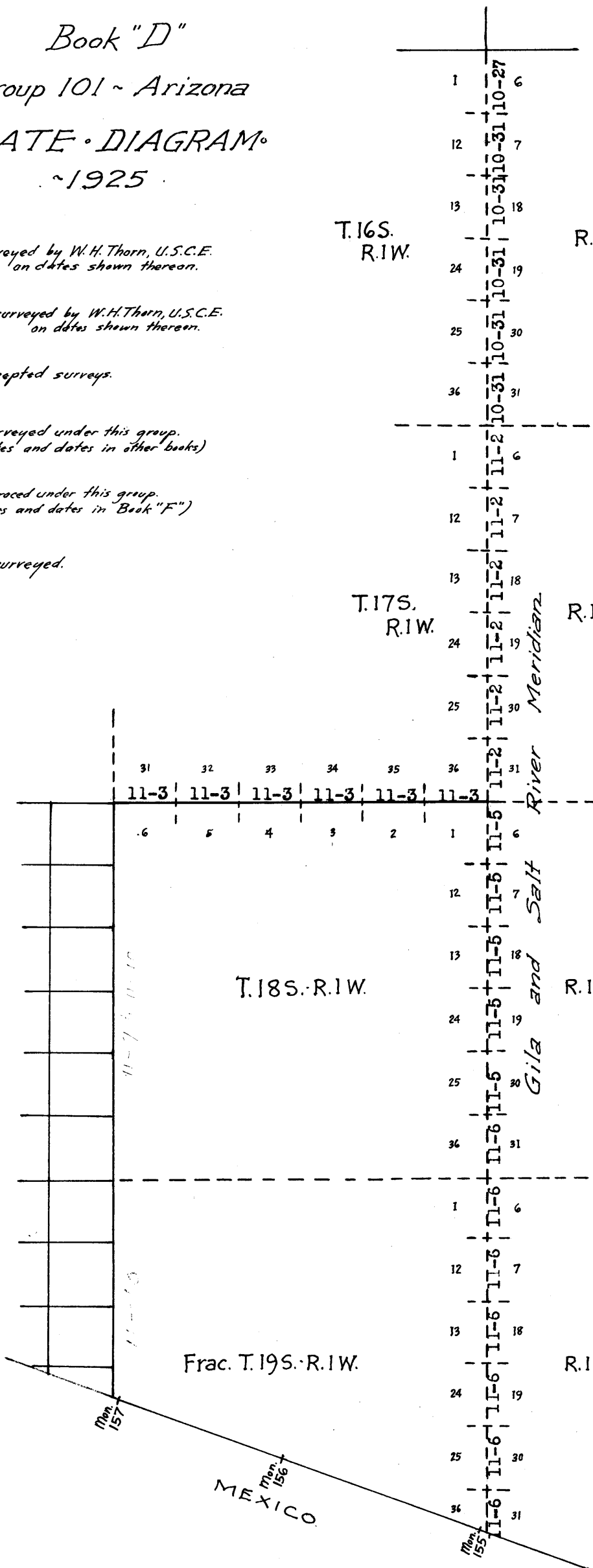
R.1E.

T.18S. R.1W.

R.1E.

Frac. T.19S. R.1W.

R.1E.



Resurveys and surveys hereinafter described were executed on the dates shown on the diagram on page 1 hereof, by William H. Thorn, U.S. Cadastral Engineer, with Young and Sons' Light mountain Transit No. 8592. The instrument is equipped with full vertical circle, and improved Smith solar attachment; the horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the latitude and declination arcs of the solar. Unless otherwise specified, all azimuth determinations are accomplished with the solar attachment.

Oct. 27, 1925: Examine the adjustment of the instrument and correct all errors; then, to test the solar apparatus by comparing its indications from observations made during a.m. and p.m. hours with a meridian established by Polaris observation, proceed as follows:

Oct. 29, 1925: In camp, near the cor. of secs. 25, 26, 35 and 36, T. 18 S., R. 3 W., G. and S. R Meridian, Arizona, in latitude  $31^{\circ}49'30''$  N., and longitude  $112^{\circ}32'19''$  W., at 5h. 2m. p.m., l.m.t., observe Polaris at Eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a peg driven firmly in the ground six chains North..

Azimuth of Polaris at Eastern elongation =  $1^{\circ}17'17''$ .

Oct. 30, 1925: Lay off the azimuth of Polaris  $1^{\circ}17\frac{1}{2}'$  to the West (of North), and mark the meridian thus determined by a tack in a peg driven firmly in the ground 6 chs. N.

At 0h. 00m. a.m., l.m.t., set off  $31^{\circ}49\frac{1}{2}'$  N. on the lat. arc;  $13^{\circ}44\frac{1}{2}'$  S. on the decl. arc, and determine a meridian with the solar, which coincides with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is  $13^{\circ}48'$  S., which agrees with the computed decl. of the sun.

At 3h. 00m. p.m., l.m.t., with the lat. arc unchanged, set off  $13^{\circ}51'$  S. on the decl. arc, and determine a meridian with the solar, which coincides with the true meridian.

As all of the solar observations during the usual hours of solar work come within 1' of the true meridian, conclude that the adjustments of the instrument are satisfactory.

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Unless otherwise specified all measurements are made with a Lufkin steel tape, 5 chains in length, compared with a Chesterman standard steel tape, 1 chain in length, and found correct. The measurements are made on the slope, the vertical angles determined, and the slope measurements properly reduced to true horizontal distances.

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Resurvey of the Gila and Salt River Meridian, thru.  
Township 16 South.

4

Chains.

The Gila and Salt River Meridian was surveyed South, 54 miles, 61.86 chs. from cor. of Ts. 10 and 11 S., Rs. 1 E. and 1 W. to intersection with International Boundary between United States and Mexico, by J.B. McLaughlin, U.S.D.S. in 1884.

The G. and S.R. Meridian was resurveyed thru. Ts. 11, 12, 13, 14 and 15 S., and the North one mile of T. 16 S., by W.H. Thorn, U.S.C.E. in 1918.

No other resurvey and no retracement of the Meridian in Ts. 11 to 19 S. is of record.

The following notes describe a resurvey of the Meridian, thru. Ts. 16, 17, 18, and frac. 19 South,

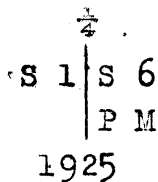
No accepted surveyed areas being tied to this portion of the Meridian, the line is resurveyed due South from cor. of Ts. 15 and 16 S., Rs. 1 E. and 1 W., reestablishing all cors. at intervals of 40.00 chs., and destroying all old cor. monuments found along the line.

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The cor. of Ts. 15 and 16 S., Rs. 1 E. and 1 W., reestablished by W.H. Thorn, U.S.C.E. in 1918, is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by three properly marked bearing trees, one each NE., SE. and SW. of cor., and three pits, one each E., W. and S. of cor.

Thence,  
South, on true line, bet. secs. 1 and 6.  
Over level land, thru. dense undergrowth.

31.40 Two strand wire fence, brs. NE. and SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, marked on brass cap,

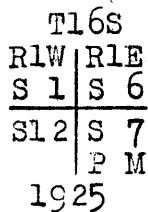


from which,  
An ironwood, 8 ins. in diam., brs. N.  $33\frac{1}{2}^{\circ}$  E., 68 lks. dist., marked  $\frac{1}{4}$  S 6 BT.  
An ironwood, 5 ins. in diam., brs. N.  $10\frac{1}{2}^{\circ}$  W., 126 lks. dist., marked  $\frac{1}{4}$  S 1 BT.

40.24 The  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, reestablished in 1918, which is a mesquite post, 3 ins. in diam., projecting 18 ins. above ground, properly marked and witnessed by pits, brs. E. 13 lks. dist.

Original palo verde bearing tree accessory to this cor. is dead and fallen. Destroy all trace of this cor. monument.

43.00 Two-strand wire fence brs. SE. and NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground for reestablished cor. of secs. 1, 6, 7 and 12, with brass cap, marked



No bearing trees available. Dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level.  
Soil, adobe, 2nd rate.  
Timber, none.  
Undergrowth, greasewood, sagebrush, scrub mesquite and iron-wood.

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Resurvey of Gila and Salt River Mer., thru. Township 16 South. 5

Chains. South, on true line, bet. secs. 7 and 12.  
 Over level land, thru. dense undergrowth.  
 3.23 Old cor. of secs. 1, 6, 7 and 12, which is a wood post, projecting 18 ins. above ground, marked with 1 notch on N. edge, and 5 notches on S. edge, brs. E. 1, 29 chs. dist. Destroy all trace of this old cor. monument.  
 20.26 Two strand wire fence, brs. NW. and SE.  
 25.10 Driftwood fence, brs. NE. and SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 7 and 12, with brass cap, marked

$\frac{1}{4}$   
 S12 | S 7  
 | P M  
 1925

No bearing trees available.  
 Dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.  
 No trace of old  $\frac{1}{4}$  sec. cor. monument can be found within a wide radius of this cor.  
 49.10 Driftwood fence, brs. E. and W. Enter field.  
 60.40 Two strand wire fence, brs. E. and W. Leave field.  
 76.70 Indian shack 20 ft. square, on line.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground for reestablished cor. of secs. 7, 12, 13 and 18, with brass cap, marked

T16S  
 R1W | R1E  
 S12 | S 7  
 S13 | S18  
 | P M  
 1925

Make deposit of glass and tin can at bottom of post.  
 Dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor. 3 ft. dist.  
 This cor. is located at W. edge of Indian village, known as Perseniamoe.  
 No trace of old sec. cor. monument can be found within a wide radius of this cor.  
 Land, level.  
 Soil, adobe, 2nd rate.  
 Timber, none.  
 Undergrowth, greasewood, sagebrush, scrub mesquite and ironwood.

South, on true line, bet. secs. 13 and 18.  
 Over level land, thru. dense undergrowth.  
 8.90 Corral, 3 chs. square.  
 12.00 Government well at Perseniamoe brs. E. approx. 10 chs. dist.  
 15.50 Indian road, brs. NW. to Ajo and SE. to Tucson,  
 18.80 Adobe school, brs. approx. 7 chs. E.  
 27.00 Road brs. SW. and NE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 13 and 18, with brass cap, marked

$\frac{1}{4}$   
 S13 | S18  
 | P M  
 1925

No bearing trees available.  
 Dig pits 18x18x12 ins., one each N. and S. of post, 3 ft. dist.

## BOOK 3726

## 6 Resurvey of Gila and Salt River Mer., thru. Township 16 South.

Chains.	No trace of old $\frac{1}{4}$ sec.cor. monument can be found within a wide radius of this cor. Continue over level land, thru. dense undergrowth.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for reestablished cor. of secs. 13, 18, 19 and 24, with brass cap, marked  <div style="text-align: center;">           T16S            RLW   R1E            S13   S18            S24   S19            P M            1925         </div>
	from which, A mesquite, 6 ins. in diam., brs. N. $32^{\circ}$ E., 204 lks. dist., marked T16S R1E S18 BT. A mesquite, 4 ins. in diam., brs. S. $1^{\circ}$ W., 69 lks. dist., marked B T. No other bearing trees available. Dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist. No trace of old sec.cor.monument can be found within a wide radius of this cor. Land, level. Soil, adobe, 2nd rate. Timber, none. Undergrowth, greasewood, sagebrush, ironwood and scrub mesquite.
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1.80	South, on true line, bet. secs. 19 and 24. Over level land, thru. dense undergrowth. The original cor. of secs. 13, 18, 19 and 24 brs. East 90 lks. dist.
40.00	Destroy all trace of this old cor. monument. Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of secs. 19 and 24, with brass cap, marked  <div style="text-align: center;"> <math>\frac{1}{4}</math>            S24   S19            P M            1925         </div>
41.60	No bearing trees available. Dig pits 18x18x12 ins., one each N. and S. of post, 3 ft. dist.
43.40	Wash, 10 lks. wide, course S. $70^{\circ}$ W. The original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a stake 4 ins. in diam. 3 ft. long, marked S 1-16, brs. E., 90 lks. dist., Destroy this old cor. monument.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for reestablished cor. of secs. 19, 24, 25 and 30, with brass cap, marked  <div style="text-align: center;">           T16S            R1 W   R 1E            S24   S19            S25   S30            P M            1925         </div>
	from which, A mesquite, 4 ins. in diam., brs. S. $61^{\circ}$ E., 37 lks. dist., marked B T. A mesquite, 4 ins. in diam., brs. S. $37^{\circ}$ W., 64 lks. dist., marked T16S R1W S25 BT. No other bearing trees available. Dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor. 3 ft. dist.



## Resurvey of Gila and Salt River Mer., thru. Township 16 South. 7

Chains.

Land, level.  
Soil, adobe, 2nd rate.  
Timber, none.  
Undergrowth, greasewood, sagebrush, ironwood and scrub mesquite.

- 
- South, on true line, bet. secs. 25 and 30.  
Over level land, thru. dense undergrowth.  
3+30 The original cor. of secs. 19, 24, 25 and 30, which is a wood post, 4 ins. in diam., marked with 4 grooves on N. face and 2 grooves on S. face, brs. E. 162 lks. dist.  
Destroy all trace of this old cor. monument.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, with brass cap, marked

$\frac{1}{4}$   
S25 | S30  
      | P M  
      |  
1925

from which,

A mesquite, 10 ins. in diam., brs. N. 75° E., 85 lks. dist., marked  $\frac{1}{4}$  S 30 BT.

A mesquite, 4 ins. in diam., brs. N. 82 $\frac{1}{4}$ ° W., 56 lks. dist., marked  $\frac{1}{4}$  S 25 BT.

- Dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.  
43.30 The original  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, which is a stake 4 ins. in diam., marked  $\frac{1}{4}$  S on W. face, brs. E. 170 lks. dist. Destroy all trace of this old cor. monument,  
72.90 Old road, brs. NE. and SW.  
79.70 Road brs. W. to Como and E. to Perseniamoe.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground for reestablished cor. of secs. 25, 30, 31 and 36, with brass cap, marked

T16S  
RLW | R1E  
S25 | S30  
S36 | S31  
      | P M  
1925

No bearing trees available.

Dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level.

Soil, adobe, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, ironwood and scrub mesquite.

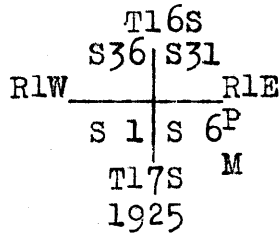
- 
- South, on true line, bet. secs. 31 and 36.  
Over level land, thru. dense undergrowth.  
3.40 The original cor. of secs. 25, 30, 31 and 36, which is a stake, 4 ins. in diam., marked with 5 notches on N. face, and 1 notch on S. face, brs. E. 160 lks. dist. Destroy all trace of this old cor. monument.  
26.90 Old road, brs. NE. and SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, with brass cap, marked

$\frac{1}{4}$   
S36 | S31  
      | P M  
1925

## 8 Resurvey of Gila and Salt River Meridian, thru Township 16 South.

Chains.

- from which,  
 A mesquite, 4 ins. in diam., brs. S.  $42^{\circ}$  E., 150  
 lks. dist., marked BT.  
 A mesquite, 4 ins. in diam., brs. N.  $9^{\circ}$  W., 98  
 lks. dist., marked  $\frac{1}{4}$  S 36 BT.
- 43.30 The original  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, which is a stake  
 4 ins. in diam., projecting 1 ft. above ground, marked  $\frac{1}{4}$   
 S. on W. face, brs. E., 165 lks. dist.
- 58.50 Destroy all trace of this old cor. monument.  
 Road, brs. NE. to Sell's and SW. to Como.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 22 ins. in the  
 ground, supported by a mound of earth, for reestablished  
 cor. of Ts. 16 and 17 S., Rs. 1 E. and 1 W., with brass  
 cap, marked



Mt. Baboquivari brs. S.  $71^{\circ}15'$  E.  
 George Tucker Peak brs. S.  $81^{\circ}$  W.  
 Government well at Como brs. S.  $51^{\circ}45'$  W.  
 No bearing trees available.  
 Dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor.  
 3 ft. dist.

The original cor. of Ts. 16 and 17 S., Rs. 1 E. and 1 W. brs. S.  
 $25^{\circ}15'$  E., 376 lks. dist., which is a stake 4 ins. in  
 diam., projecting  $1\frac{1}{8}$  ft. above ground, marked with 6  
 grooves on each of N., S., E. and W. faces. Destroy  
 all trace of this old cor. monument.

Band, level.  
 Soil, adobe, 2nd rate.  
 Timber, none.  
 Undergrowth, greasewood, sagebrush, scrub mesquite and  
 ironwood.

## Resurvey of Gila and Salt River Meridian, thru Township 17 South. 9

Chains.

- From the reestablished cor. of T<sub>s</sub>. 16 and 17 S., R<sub>s</sub>. 1 E. and 1 W., hereinbefore described,  
South, on true line, bet. secs. 1 and 6.  
Over level land, thru dense undergrowth.
- 20.30 Dim road, brs. NE. and SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, with brass cap, marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S 1} \mid \text{S 6} \\ \text{P M} \\ 1925 \end{array}$$

- No bearing trees available.  
Dig pits 18x18x12 ins., one each N. and S. of post, 3 ft. dist.
- 43.35 The original  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, which is a wooden stake 4 ins. in diam., projecting 1 ft. above ground, marked  $\frac{1}{4}$  on W. face, brs. E. 178 lks. dist. Destroy all trace of this old cor. monument.
- 55.50 Indian wood road, brs. NW. and SE.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for reestablished cor. of secs. 1, 6, 7 and 12, with brass cap, marked

$$\begin{array}{c} \text{T17S} \\ \text{R1 W} \mid \text{R 1E} \\ \text{S1} \mid \text{S6} \\ \text{S12} \mid \text{S 7} \\ \text{P M} \\ 1925 \end{array}$$

- No bearing trees available.  
Dig pits, 18x18x12 ins. one, each NE., SE., SW. and NW. of cor. 3 ft. dist.  
Land, level.  
Soil, adobe, 2nd rate.  
Timber, none.  
Undergrowth, greasewood, sagebrush, scrub mesquite and cactus.

- South, on true line, bet. secs. 7 and 12.  
Over level land, thru dense undergrowth.
- 3.15 An old wooden stake, 4 ins. in diam., unmarked, brs. E. 180 lks. dist. Destroy same.
- 35.00 Enter scrub mesquite thicket, brs. E. and W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 7 and 12, with brass cap, marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S12} \mid \text{S 7} \\ \text{P M} \\ 1925 \end{array}$$

- from which,  
A mesquite, 4 ins. in diam., brs. N. 42 $\frac{3}{4}$ ° E., 65 lks. dist., marked BT.  
A mesquite, 4 ins. in diam., brs. N. 62 $\frac{1}{4}$ ° W., 65 lks. dist., marked  $\frac{1}{4}$  S 12 BT.
- 43.30 The original  $\frac{1}{4}$  sec. cor. of secs. 7 and 12, which is a wooden stake, 4 ins. in diam., projecting 1 ft. above ground, marked  $\frac{1}{4}$  S on W. face, brs. E. 210 lks. dist. Destroy all trace of this old cor. monument.
- 49.00 Wash, 5 lks. wide, course NW.  
63.00 Leave scrub mesquite thicket, brs. E. and W. Continue thru dense undergrowth.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground for reestablished cor. of secs. 7, 12, 13 and 18,

## 10 Resurvey of Gila and Salt River Meridian, thru. Township 17 South.

Chains.

with brass cap, marked

T17S	
R1W	R1E
S12	S 7
S13	S18
P M	

1925

No bearing trees available. Dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor. 3 ft. dist.

Land, level.

Soil, adobe, 2nd rate. Timber, none.

Undergrowth, greasewood, sagebrush, scrub mesquite and cactus.

South, on true line, bet. secs. 13 and 18.

Over level land, thru. dense undergrowth.

3.30 The original cor. of secs. 7, 12, 13 and 18, which is a stake 4 ins. in diam., projecting  $1\frac{1}{2}$  ft. above ground, with 4 grooves on S. face, and 2 grooves on N. face, brs. E. 240 lks. dist. Destroy this old cor. mon.

5.00 Enter rolling land. Ascend 20 ft., over N. slope.

10.98 Top of knoll. Descend to

22.00 Thence over level land.

32.40 Road, brs. NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 13 and 18, with brass cap, marked

†	
S13	S18
P M	

1925

No bearing trees available.

Dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.

Continue over level land, thru. dense undergrowth.

43.40 The original  $\frac{1}{4}$  sec. cor. of secs. 13 and 18, which is a stake 4 ins. in diam., projecting 1 ft. above ground, brs. East 240 lks. dist. Destroy this old cor. monument.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for reestablished cor. of secs. 13, 18, 19 and 24, with brass cap, marked

T17S	
R1W	R1E
S13	S18
S24	S19
P M	

1925

from which,

A mesquite, 5 ins. in diam., brs. N. 18° E., 152 lks. dist., marked T17S R1E S18 BT.

A mesquite, 5 ins. in diam., brs. S. 26° E., 235 lks. dist., marked T17S R1E S19 BT.

A mesquite, 5 ins. in diam., brs. S. 42 $\frac{1}{2}$ ° W., 267 lks. dist., marked T17S R1W S24 BT.

A mesquite, 5 ins. in diam., brs. N. 9° W., 110 lks. dist., marked T17S R1W S13 BT.

Land, level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, scrub mesquite and cactus.

South, on true line, bet. secs. 19 and 24.

Over level land, thru. dense undergrowth.

3.40 The original cor. of secs. 13, 18, 19 and 24, which is a stake, 4 ins. in diam., projecting  $1\frac{1}{2}$  ft. above ground, marked with 3 grooves on each of N. and S. faces, brs. E., 260 lks. dist. Destroy this old cor. monument.

## Resurvey of Gila and Salt River Meridian, thru Township 17 South. 11

Chains.	
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., with brass cap, marked  $\begin{array}{c} \frac{1}{4} \\ S24   S19 \\   \\ P M \\ 1925 \end{array}$ <p>from which,  A mesquite, 6 ins. in diam., brs. S. 47° E., 102 lks. dist., marked BT.  A mesquite, 4 ins. in diam., brs. N. 3<math>\frac{1}{2}</math>° W., 233 lks. dist., marked <math>\frac{1}{4}</math> S 24 BT.  Government well at Como brs. N. 42° 45' W.  Continue over level land, thru. dense undergrowth.</p>
43.40	The original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a decayed stake 4 ins. in diam., 2 ft. long, lying beside point, brs. E. 250 lks. dist. Destroy this old cor. monument.
61.10	A sahuaro, 20 ft. tall, on line.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for reestablished cor. of secs. 19, 24, 25 and 30, with brass cap, marked  $\begin{array}{c} T17S \\ R1W   R1E \\ S24   S19 \\ S25   S30 \\   \\ P M \\ 1925 \end{array}$ <p>from which,  A mesquite, 8 ins. in diam., brs. N. 39° E., 133 lks. dist., marked T17S R1E S19 BT.  No other trees available.  Dig pits, 18x18x12 ins., one in each sec. 3 ft. dist.  Land, level.  Soil, sand, 2nd rate.  Timber, none.  Undergrowth, greasewood, scrub mesquite, sagebrush and cactus.</p> <p>-----</p> <p>South, on true line, bet. secs. 25 and 30.  Over level land, thru. dense undergrowth.</p>
3.40	A stake, 4 ins. in diam., projecting 1 ft. above ground, unmarked, brs. E. 280 lks. dist. Destroy this old cor. monument.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of secs. 25 and 30, with brass cap, marked,  $\begin{array}{c} \frac{1}{4} \\ S25   S30 \\   \\ P M \\ 1925 \end{array}$ <p>from which,  A mesquite, 6 ins. in diam., brs. N. 4° E., 182 lks. dist., marked <math>\frac{1}{4}</math> S 30 BT.  A mesquite, 6 ins. in diam., brs. N. 41° W., 149 lks. dist., marked <math>\frac{1}{4}</math> S 25 BT.  Continue over level land, thru. dense undergrowth.</p>
43.40	The original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is a stake 4 ins. in diam., projecting 1 ft. above ground, marked $\frac{1}{4}$ on W. face, brs. E. 280 lks. dist. Destroy all evidence of this old cor. monument.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for reestablished cor. of secs. 25, 30, 31 and 36, with brass cap, marked

## BOOK 3726

## 12 Resurvey of Gila and Salt River Meridian, thru. Township 17 South.

Chains.

T17S	
RLW	R1E
S25	S30
S36	S31
P M	
1925	

from which,

A mesquite, 4 ins. in diam., brs. N. 74° E., 41 lks.  
dist., marked B T.A mesquite, 8 ins. in diam., brs. S. 65° E., 88 lks.  
dist., marked T17S R1E S31 BT.A mesquite, 4 ins. in diam., brs. S. 8° W., 71 lks.  
dist., marked BT.A mesquite, 4 ins. in diam., brs. N. 62½° W., 103 lks.  
dist., marked T17S RLW S25 BT.

Land, level.

Soil, adobe, 2nd rate.

Timber, none.

Undergrowth, greasewood, scrub mesquite, sagebrush, cholla  
and giant cactus.

South, on true line, bet. secs. 31 and 36.

Over level land, thru. dense undergrowth.

3.80 The original cor. of secs. 25, 30, 31 and 36, which is a stake  
4 ins. in diam., projecting 1 ft. above ground, marked  
with grooves N. and S., brs. E. 290 lks. dist.

Destroy this old cor. monument.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for reestablished ¼ sec. cor. of secs. 31  
and 36, with brass cap, marked

¼	
S36	S31
P M	
1925	

No bearing trees available.

Dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft.  
dist.43.70 The original ¼ sec. cor. of secs. 31 and 36, which is a stake,  
4 ins. in diam., projecting 1 ft. above ground, brs. E. 260  
lks. dist. Destroy this old cor. monument.

45.50 Wash, 5 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 22 ins. in the  
ground, supported by a mound of earth, 3 ft. base, 1 ft.  
high, for reestablished cor. of Ts, 17 and 18 S. Rs. 1 E.  
and 1 W., with brass cap, marked

T17S	
RLW	R1E
S36	S31 P
S 1 S 6	M
T18S	
1925	

from which,

A mesquite, 5 ins. in diam., brs. N. 54½° E., 18  
lks. dist., marked T17S R1E S31 BT.A mesquite, 6 ins. in diam., brs. S. 64½° E., 73  
lks. dist., marked T18S R1E S6 BT.A mesquite, 8 ins. in diam., brs. S. 80½° W., 87  
lks. dist., marked T18S RLW S1 BT.A mesquite, 6 ins. in diam., brs. N. 67° W., 230  
lks. dist., marked T17S RLW S36 BT.

Land, level. Soil, sand, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, scrub mesquite and  
cactus.

Resurvey of G. & S. R. Meridian thru Township 18 South

Chains

From reestablished cor. of T1s. 17 and 18 S., Rs. 1 E. and 1 W., hereinbefore described, South, bet. secs. 1 and 6.

7.10  
36.60  
40.00

Over level land; thru dense undergrowth.  
A decayed stake, 4 ins. in dia., brs. West, 90 lks. dist. Destroy all evidence of this cor.  
Dry wash, 5 lks. wide, course SW.  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for re-established  $\frac{1}{4}$  sec. cor., with brass cap marked

†  
S1 | S6  
| PM  
1925

from which

A mesquite, 5 ins. in dia., brs. S.3°E., 117 lks. dist., marked  $\frac{1}{4}$  S6 BT.  
A mesquite, 5 ins. in dia., brs. S.21°W., 111 lks. dist., marked  $\frac{1}{4}$  S1 BT.  
47.20 A decayed stake, 3 ins. in dia., lying on ground, no marks visible, brs. West, 90 lks. dist. Destroy all evidence of this cor.  
67.30 Dry wash, 5 lks. wide, course S.60°W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for re-established cor. of secs. 1, 6, 7 and 12, with brass cap marked

T18S  
1W R1E  
S1 | S6  
S12 | S7  
| PM  
1925

from which

A mesquite, 4 ins. in dia., brs. N.59°E., 176 lks. dist., marked T18S R1E S6 BT.  
A mesquite, 5 ins. in dia., brs. S.25°E., 381 lks. dist., marked T18S R1E S7 BT.  
A mesquite, 4 ins. in dia., brs. S.43½°W., 172 lks. dist., marked BT.  
A mesquite, 5 ins. in dia., brs. N.81½°W., 165 lks. dist., marked BT.  
Land: level, drains SW.  
Soil: adobe, 2nd. rate.  
Timber: none.  
Undergrowth: greasewood, mesquite, sagebrush and cactus.

South, bet. secs. 7 and 12.  
Over level land; thru dense undergrowth.

7.20  
23.90  
40.00

A decayed stake, 4 ins. in dia., lying on ground, no marks visible, brs. West, 167 lks. dist. Destroy all evidence of this cor.  
Dry wash, 10 lks. wide, course SW.  
Find no evidence of orig.  $\frac{1}{4}$  sec. cor. in this vicinity.  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for re-established  $\frac{1}{4}$  sec. cor., with brass cap marked

†  
S12 | S7  
| PM  
1925

from which

A mesquite, 4 ins. in dia., brs. N.11E., 230 lks. dist., marked  $\frac{1}{4}$  S7 BT.

## Resurvey of G. &amp; S.R. meridian thru Township 18 South

Chains

80.00 A mesquite, 4 ins. in dia., brs. S.3°W., 17 lks.  
dist., marked S12 BT.  
Find no evidence of orig. cor. in this vicinity.  
Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in  
the ground for re-established cor. of secs. 7,12,13  
and 18, with brass cap marked

T18S	
R1W	R1E
S12	S7
S13	S18
PM	
1925	

from which

A mesquite, 6 ins. in dia., brs. N.10°E., 187 lks.  
dist., marked T18S R1E S7 BT.  
A mesquite, 6 ins. in dia., brs. S.40°E., 237 lks.  
dist., marked T18S R1E S18 BT.  
A mesquite, 4 ins. in dia., brs. S.33½°W., 126 lks.  
dist., marked BT.  
A mesquite, 4 ins. in dia., brs. N.20°W., 183 lks.  
dist., marked BT.  
Land: level; drains W.  
Soil: adobe, 2nd rate.  
Timber: none.  
Undergrowth: greasewood, sagebrush, mesquite and cactus.

40.00 South, bet. secs. 13 and 18.  
Over level land; thru dense undergrowth.  
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for re-established sec. cor., with  
brass cap marked

S13	S18
PM	
1925	

from which

A mesquite, 6 ins. in dia., brs. N.30°E., 126 lks.  
dist., marked S13 BT.  
A mesquite, 6 ins. in dia., brs. N.52°W., 78 lks.  
dist., marked BT. (only).  
49.50 A decayed stake, 3 ins. in dia., 3 ft. long, no marks  
visible, brs. West, 100 lks. dist. Destroy all  
evidence of this cor.  
50.00 Enter rolling hills, bearing N.70°E. and S.70°W.  
60.00 Asc. broken NW. slope 80 ft.  
68.10 Head of rocky wash, course NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in  
the ground, supported by a mound of stone, 3 ft. base,  
20 ins. high, for re-established cor. of secs. 13,18,  
19 and 24, with brass cap marked

T18S	
R1W	R1E
S13	S18
S24	S19
PM	
1925	

No trees available.

Raise a mound of stone, 3 ft. base 3 ft. high, W. of  
post.

Land: level and rolling.

Soil: adobe and rocky, 2nd and 3rd rates.

Timber: none.



Resurvey of G. & S.R. Meridian thru Township 18 South

Chains

Undergrowth: greasewood, sagebrush, mesquite, cactus and ocotillo.

South bet. secs. 19 and 24.  
 Over rolling land; thru dense undergrowth.  
 Asc: 74 ft. over N. slope.  
 4.95 Spur, slopes N.70°W. Raise mound of stone 4 ft. base, 3 ft. high, on line. Desc. 48 ft. over SW. slope.  
 6.50 An old mound of stone, 3 ft. base, 2 ft. high, on line, brs. West, 80 lks. dist. Destroy all evidence of this mound.  
 10.40 Draw, 10 lks. wide, course N.W. Asc. 110 ft. over NE. slope.  
 17.00 Spur, slopes N.W. Raise mound of stone 4 ft. base; 3 ft. high. Desc. 26 ft. over S. slope.  
 40.00 Find no trace of orig. cor. in this vicinity.  
 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground, supported by a mound of stone, 3 ft. base, 2 ft. high, for re-established 1/4 sec. cor., with brass cap marked

S24 S19  
 PM  
 1925

No trees available.  
 Raise a mound of stone, 3 ft. base, 3 ft. high, W. of post.

42.09 Leave hills, bearing E. and W. Over level land.  
 79.40 Dry wash, 10 lks. wide, course W.  
 80.00 Find no trace of orig. cor. in this vicinity.  
 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground, for re-established cor. of secs. 19, 24, 25 and 30, with brass cap marked

T18S  
 RLW RLW  
 S24 S19  
 S25 S30  
 PM  
 1925

- from which
- A mesquite, 4 ins. in dia., brs. N.68°E., 128 lks. dist., marked BT.
  - A mesquite, 4 ins. in dia., brs. S.88°E., 116 lks. dist., marked BT.
  - A mesquite, 6 ins. in dia., brs. S.47 1/2°W., 144 lks. dist., marked T18S RLW S25 BT.
  - A mesquite, 6 ins. in dia., brs. N.71 1/2°W., 106 lks. dist., marked T18S RLW S24 BT.

Land: rolling, and level.  
 Soil: adobe, 2nd rate.  
 Timber: none.  
 Undergrowth: greasewood, mesquite, ocotillo, sagebrush, cholla, and giant cactus.

South, bet. secs. 25 and 30.  
 Over level land; thru dense undergrowth.  
 36.20 Road, brs. N.20°W. to Perseniamoe and S.20E.  
 38.00 Leave level land; asc. gradual N.E. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground, supported by a mound of stone, for re-established 1/4 sec. cor., with brass cap marked

S25 S30  
 PM  
 1925

Resurvey of G. & S.R. Meridian thru Township 18 South

Chains

No trees available.  
 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of post.

Over level land.  
 47.80 An orig.  $\frac{1}{4}$  sec. cor., which is a malapai rock, 10 x 14 x 8 ins. above ground, marked  $\frac{1}{4}$  on W. face, with a mound of stone 3 ft. base, 2 ft. high, W., brs. West, 160 lks. dist. Destroy all evidence of this cor.

56.33 Raise a mound of stone, 4 ft. base, 3 ft. high, on line. Government well at Molinitos brs. S.29°E. Desc. 23 ft. over SE. slope.

60.90 Over level land.  
 80.00 Find no trace of orig. cor. in this vicinity.  
 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for re-established cor. of secs. 25, 30, 31 and 36, with brass cap marked



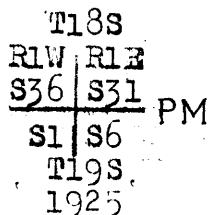
No trees available.  
 Dig pits, 18 x 18 x 12 ins., one in each sec. 3 ft. dist.  
 Land: level and gently rolling, drains SE.  
 Soil: adobe, 2nd rate.  
 Timber: none.  
 Undergrowth: greasewood, sagebrush, mesquite, ocotillo, cholla and giant cactus.

South, bet. secs. 31 and 36.  
 15.00 Over level land; thru dense undergrowth.  
 40.00 Enter cactus thicket; brs. E. and W.  
 Find no trace of orig. cor. in this vicinity.  
 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for re-established  $\frac{1}{4}$  sec. cor., with brass cap marked



from which  
 An ironwood, 10 ins. in dia., brs. N.38°W., 249 lks. dist., marked  $\frac{1}{4}$  S36 BT.  
 No other trees available.  
 Dig pits 18 x 18 x 12 ins., one each N. and S. 3 ft. dist.

75.00 Leave cactus thicket; brs. E. and W.  
 80.00 Find no trace of orig. cor. in this vicinity.  
 Set an iron post, 3 ft. long, 3 ins. in dia., 26 ins. in the ground, for re-established cor. of Ts. 18S, Rs. 1E and 1W, T. 19S, R. 1E and Frac. T. 19S, R. 1W, with brass cap marked



from which  
 A mesquite, 5 ins. in dia., brs. N.51 $\frac{1}{2}$ °E., 231 lks. dist., marked BT.

Resurvey of G. & S.R. Meridian thru Township 18 South

Chains

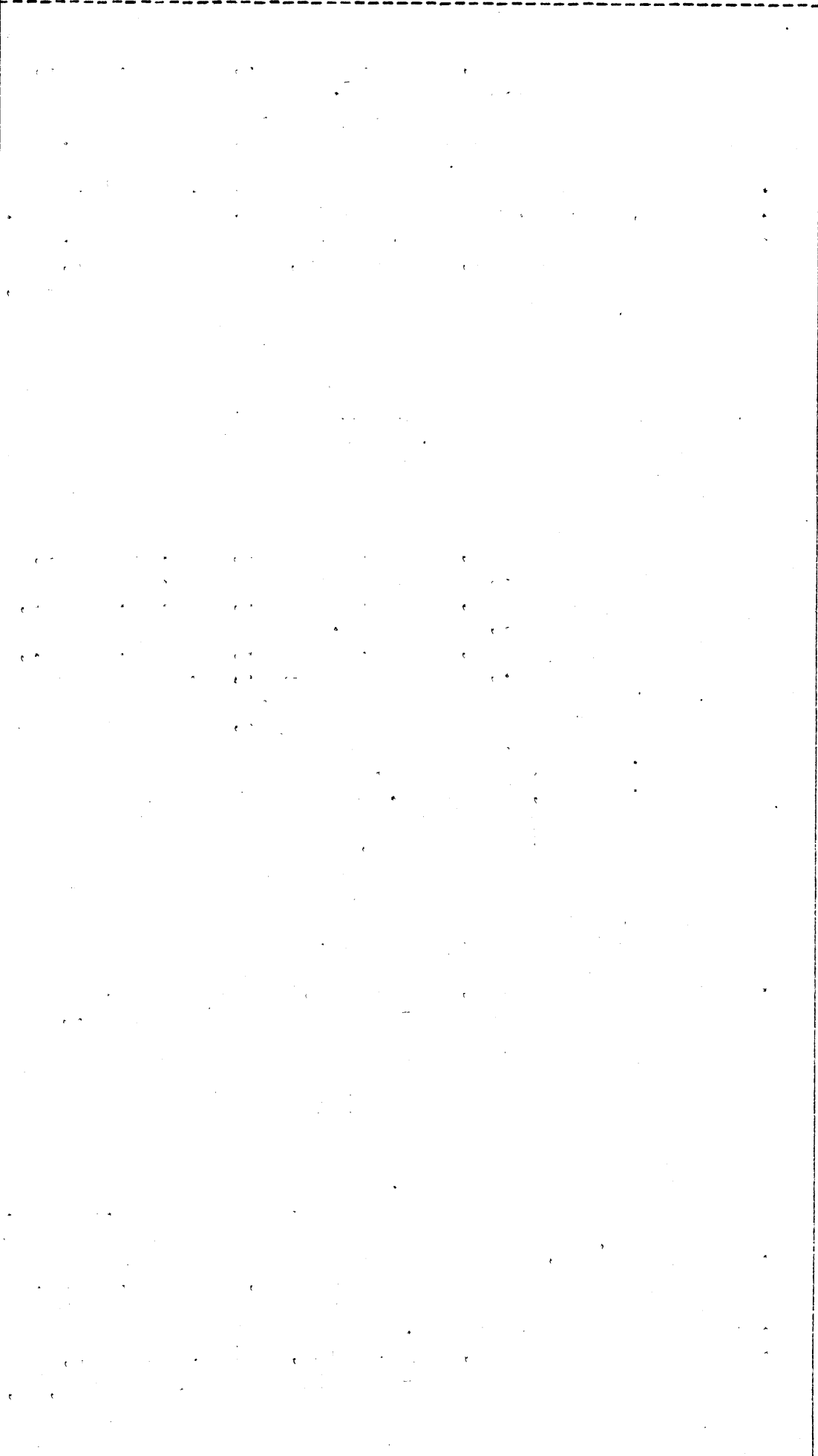
- A mesquite, 5 ins. in dia., brs. S.44°E., 120 lks.  
dist., marked T19S R1E S6 BT.
- A mesquite, 5 ins. in dia., brs. S.58½°W., 125 lks.  
dist., marked T19S R1W S1 BT.
- A mesquite, 5 ins. in dia., brs. N.29½°W., 144 lks.  
dist., marked BT.

Land: level, drains SW.

Soil: adobe, 2nd rate.

Timber: none.

Undergrowth: greasewood, mesquite, sagebrush, ironwood,  
ocotillo, cholla, giant cactus, etc.



## Resurvey of G. &amp; S. R. Meridian thru Frac. Tp. 19 South

Chains

From re-established cor. of T19S, R1E and, 1 W., T19S, R1E, and Frac. T19S, R1W, hereinbefore described.

South, bet. secs. 1 and 6.

Over level land; thru dense undergrowth.

18.50 Dry wash, 5 lks. wide, course W.

40.00 Find no trace of orig. cor. in this vicinity.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for re-established  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S1 | S6  
 |  
 PM  
 1925

from which

A mesquite, 4 ins. in dia., brs. S.67°W., 197 lks. dist., marked BT.

No other trees available.

Dig pits 18 x 18 x 12 ins., one each N. and S. 3 ft. dist.

40.00 Government well at Molinitos brs. S.79°30'E.

44.60 Road, brs. E. to Molinitos and W. to Perseniamoe.

80.00 Find no trace of orig. cor. in this vicinity.

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for re-established cor. of secs. 1, 6, 7 and 12, with brass cap marked

T19S  
 RLW R1E  
 S1 | S6  
 S12 | S7  
 |  
 PM  
 1925

from which

A mesquite, 4 ins. in dia., brs. N.48 $\frac{1}{2}$ °E., 274 lks. dist., marked T19S R1E S6 BT.

A mesquite, 5 ins. in dia., brs. S.10 $\frac{1}{2}$ °E., 371 lks. dist., marked BT.

A mesquite, 5 ins. in dia., brs. S.38 $\frac{1}{2}$ °W., 97 lks. dist., marked T19S RLW BT.

No other trees available.

Dig pits 18 x 18 x 12 ins., one in each sec 3 ft. dist.

Land: level, drains SW.

Soil: adobe, 2nd rate.

Timber: none.

Undergrowth: greasewood, sagebrush, mesquite and cactus.

South, bet. secs. 7 and 12.

Over level land; thru dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for re-established  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S12 | S7  
 |  
 PM  
 1925

No trees available.

Dig pits 18 x 18 x 12 ins., one each N. and S. 3 ft. dist.

51.30 Orig. cor., which is a decayed stake with 2 BTs, markings on both illegible, brs. West, 210 lks. dist. Destroy all evidence of this cor.

63.60 Road brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for re-established cor. of secs. 7, 12, 13

Resurvey of G. & S.R. Meridian thru Frac.Tp. 19 South

Chains

and 18, with brass cap marked

T19S  
 RLW RLE  
 S12 | S7  
 S13 | S18  
 PM  
 1925

from which

A mesquite, 5 ins. in dia., brs. S.18°E., 168 lks. dist., marked T19S RLE S18 BT.

A mesquite; 5 ins. in dia., brs. S.6°W., 224 lks. dist., marked BT.

No other trees available.

Dig pits 18 x 18 x 12 ins., one in each sec. 3 ft. dist.

Land: level, drains SW.

Soil: adobe; 2nd rate.

Timber: none.

Undergrowth: greasewood, sagebrush, mesquite and cactus.

South, bet. secs. 13 and 18.

Over level land; thru scattering undergrowth.

11.40 An orig. cor., which is a stake 2 ins. in dia., projecting 2 ft. above ground, no marks visible, with small mound of earth W., brs. 230 lks. West. Destroy all trace of this cor.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for re-established  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S13 | S18  
 PM  
 1925

from which

A mesquite, 4 ins. in dia., brs. N.1°E., 101 lks. dist., marked  $\frac{1}{4}$  S18 BT.

A mesquite, 4 ins. in dia., brs. S.51°W., 82 lks. dist., marked  $\frac{1}{4}$  S13 BT.

Enter dense undergrowth.

51.60 An orig. cor., which is a stake 2 ins. in dia., projecting 2 ft. above ground, with no marks visible, brs. West, 250 lks. dist. Destroy all evidence of this cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for re-established cor. of secs. 13, 18, 19 and 24, with brass cap marked

T19S  
 RLW RLE  
 S13 | S18  
 S24 | S19  
 PM  
 1925

No trees available.

Dig pits 18 x 18 x 12 ins., one in each sec. 3 ft. dist.

Land: level, drains SW.

Soil: adobe, 2nd rate.

Timber: none.

Undergrowth: greasewood, sagebrush, mesquite and cactus.

South, bet. secs. 19 and 24.

Over level land; thru scattering undergrowth.

## Resurvey of G. &amp; S.R. Meridian thru. Frac. Tp. 19 South

Chains

12.60 An orig. cor., which is a squared stake, 4 ins. in dia., 2 ft. long, with no marks visible, brs. East 10 lks. dist. Destroy all evidence of this cor.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for re-established  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S24 | S19  
 PM  
 1925

from which

A mesquite, 4 ins. in dia., brs. N. 53° E., 92 lks. dist., marked BT.

A mesquite, 4 ins. in dia., brs. N. 7 $\frac{1}{2}$ ° W., 102 lks. dist., marked  $\frac{1}{4}$  S24 BT.

40.70 Road, brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for re-established cor. of secs. 19, 24, 25 and 30, with brass cap marked

T19S  
 RLW R1E  
 S24 | S19  
 S25 | S30  
 PM  
 1925

No trees available.

Dig pits 18 x 18 x 12 ins., one in each sec. 3 ft. dist.

Land: level, drains SW.

Soil: adobe, 2nd rate.

Timber: none.

Undergrowth: greasewood, mesquite, sagebrush and cactus.

South, bet. secs. 25 and 30;

Over level land; thru dense undergrowth.

12.50 An orig. cor., which is a stake 3 ft. long, 3 ins. in dia., lying on ground, with no marks visible, brs.

West, 115 lks. dist. Destroy all evidence of this cor.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for re-established  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S25 | S30  
 PM  
 1925

from which

A mesquite, 8 ins. in dia., brs. N. 87 $\frac{1}{2}$ ° E., 167 lks. dist., marked  $\frac{1}{4}$  S30 BT.

A mesquite, 6 ins. in dia., brs. S. 19° W., 100 lks. dist., marked  $\frac{1}{4}$  S25 B<sup>4</sup>.

52.80 An orig. cor., which is a stake 3 ft. long, 3 ins. in dia., lying on ground, with no marks visible, brs.

West, 80 lks. dist. Destroy all evidence of this cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground, for re-established cor. of secs. 25 and 30, and frac. secs. 31 and 36, with brass cap marked,

T19S  
 RLW R1E  
 S25 | S30  
 S36 | S31  
 PM  
 1925

Resurvey of Gila and Salt River Mer., thru. frac. Township 19 South. 21

Chains.

- from which,
- A mesquite, 6 ins. in diam., brs. N. 42½° E., 128 lks. dist., marked T19S R1E S30 BT.
- A mesquite, 4 ins. in diam., brs. S. 42° E., 39 lks. dist., marked B T.
- A mesquite, 4 ins. in diam., brs. S. 44° W., 151 lks. dist., marked BT.
- A mesquite, 6 ins. in diam., brs. N. 84° W., 36 lks. dist., marked T19S R1W S25 BT.

Land, level.  
 Soil, adobe; 2nd rate.  
 Timber, none.  
 Undergrowth, greasewood, scrub mesquite, sagebrush and cactus.

- 13.10 South, bet. frac. secs. 31 and 36.  
Over level land, thru. dense undergrowth.  
An old cor. monument, which is a stake, 3 ft. long, 3 ins. in diam., unmarked, brs. W. 50 lks. dist.
- 40.00 Destroy this old cor. monument.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of secs. 31 and 36, with brass cap, marked

¼  
 S36 | S31  
      | P M

- 1925
- from which,
- A mesquite, 6 ins. in diam., brs. N. 80° E., 173 lks. dist., marked ¼ S 31 BT.
- A mesquite, 4 ins. in diam., brs. N. 80° W., 40 lks. dist., marked B T.

- 51.83 Continue over level land, thru. dense undergrowth.  
Four-strand wire fence parallel to International Boundary.
- 51.91 Intersect the Neutral Strip (60 ft. wide) bearing N. 70° W. and S. 70° E. along International Boundary. At point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 30 ins. in the ground for closing cor. of T. 19 S. R. 1 E. and frac. T. 19 S., R. 1 W., with brass cap, marked

T19S  
 R1W | R1E  
 S36 | S31  
 C C

RESERVATION  
 1925

- from which,
- A mesquite, 6 ins. in diam., brs. N. 74° E., 94 lks. dist., marked T19S R1E S31 CC BT.
- A mesquite, 6 ins. in diam., brs. N. 27½° W., 199 lks. dist., marked T19S R1W S36 CC BT.
- Thence across Neutral Strip.
- 52.90 Intersect International Boundary 10.17 chs. S. 70° E. of Monument No. 155, which is an iron monument, 6 ft. high, 10 ins. square, set on a base, 4 ft. square, 1½ ft. high.

Land, level.  
 Soil, sand, 2nd rate.  
 Timber, none.  
 Undergrowth, greasewood, scrub mesquite, sagebrush and cactus.

## 22 Survey of North boundary of Township 18 South, Range 1 West.

Chains.

From reestablished cor. of Ts. 17 and 18 S., Rs. 1 E. and 1 W. on the Gila and Salt River Meridian, hereinbefore described,  
West, on a true line, bet. secs. 1 and 36.  
Over level land, thru. dense undergrowth.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. of secs. 1 and 36, with brass cap, marked

$\frac{1}{4}$  S 36  
S 1  
1925

No bearing trees available.

Dig pits, 18x18x12 ins., one each E. and W. of post, 3 ft. dist.

60.00 Enter dense scrub mesquite thicket, brs. N. 70° E. and S. 70° W.

75.00 Leave thicket, brs. N. 70° E. and S. 70° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 1, 2, 35 and 36, with brass cap, marked

T17S RLW  
S35 | S36  
S 2 | S 1  
T18S  
1925

from which,

A mesquite, 6 ins. in diam., brs. S. 30° E., 264 lks. dist., marked T18S RLW S1 BT.

No other bearing trees available.

Dig pits, 18x18x12 ins., one in each sec. 3 ft. dist.

Land, level,

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, scrub mesquite, sagebrush and cactus.

40.00 West, on true line, bet. secs. 2 and 35.  
Over level land, thru. dense undergrowth.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. of secs. 2 and 35, with brass cap, marked

$\frac{1}{4}$  S 35  
S 2  
1925

No bearing trees available. Dig pits, 18x18x12 ins., one each E. and W. of post, 3 ft. dist.

75.90 Road, brs. N. to Como and S. to Comoto

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

T17S RLW  
S34 | S35  
S 3 | S 2  
T18S  
1925

No bearing trees available. Dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of cor. 3 ft. dist.

Land, level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, scrub mesquite and cactus.



## Survey of the North Boundary of Township 18 South, R.1 W.

Chains

West bet. secs. 3 and 34.  
Over level land; thru scattering undergrowth.  
15.00 Enter mesquite thicket, brs. N. and S.  
23.00 Leave same, brs. N. and S.  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

S34  
S3  
1925

from which

A mesquite, 6 ins. in dia., brs. S.20°E., 131 lks.  
dist., marked  $\frac{1}{2}$  S3 BT.  
A mesquite, 6 ins. in dia., brs. N.20°W., 252 lks.  
dist., marked  $\frac{1}{2}$  S34 BT.  
42.00 Enter mesquite thicket, brs. N. and S.  
76.00 Leave same, brs. N. and S.  
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in  
the ground for cor. of secs. 3,4,33 and 34, with  
brass cap marked

T17SR1W  
S33 S34  
S4 S3  
T18S  
1925

No trees available.

Dig pits 18 x 18 x 12 ins., one in each sec. 3 ft.  
dist.

Land: level, drains SW.

Soil: sandy, 2nd rate.

Timber: none.

Undergrowth: greasewood, sage, mesquite and cactus.

West bet. secs. 4 and 33.  
Over level land; thru dense undergrowth.  
8.70 Main road, brs. NE. to Como and Perseniamoe and SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in  
the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

S33  
S34  
1925

from which

A mesquite, 8 ins. in dia., brs. S.7 $\frac{1}{2}$ °E., 97 lks.  
dist., marked  $\frac{1}{2}$  S4 BT.  
No other trees available.  
Dig pits 18 x 18 x 12 ins., one each E. and W. 3  
ft. dist.  
80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in  
the ground for cor. of secs. 4,5,32 and 33, with  
brass cap marked

T17SR1W  
S32 S33  
S5 S4  
T18S  
1925

No trees available.

Dig pits 18 x 18 x 12 ins., one in each sec., 3 ft.  
dist.

Land: level.

Soil: sandy, 2nd rate.

Timber: none.

Undergrowth: greasewood, sage, mesquite and cactus.

## Survey of the North Boundary of Township 18 South, R. 1 W.

## Chains

West, bet. secs. 5 and 32.  
 Over level land; thru scattering undergrowth.  
 5.00 Leave sandy soil; over rocky land.  
 20.00 Dry wash, 10 lks. wide, course SE.  
 40.00 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in  
 the ground for  $\frac{1}{2}$  sec. cor., with brass cap marked

$\frac{S32}{S5}$   
 1925

from which

... A mesquite, 5 ins. in dia., brs. S.  $13\frac{1}{2}^{\circ}$ E., 126 lks.  
 dist., marked BT.  
 ... A mesquite, 5 ins. in dia., brs. N.  $2\frac{1}{2}^{\circ}$ W., 125 lks.  
 dist., marked  $\frac{1}{2}$  S32 BT.

45.80 Dry wash, 5 lks. wide, course SE. Asc. gradual E. slope.  
 63.80 Dry wash, 15 lks. wide, course SE.  
 69.30 Sahuaro, 30 ft. high, on line.  
 78.00 Old, road, brs. N.  $70^{\circ}$ E. and S.  $70^{\circ}$ W.,  
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in  
 the ground for cor. of secs. 5, 6, 31 and 32, with  
 brass cap marked

$\frac{T17S R1W}{S31 | S32}$   
 $\frac{S6 | S5}{T18S}$   
 1925

from which

A palo verde, 6 ins. in dia., brs. N.  $10^{\circ}$ E., 75 lks.  
 dist., marked T17S R1W S32 BT.  
 A palo verde, 5 ins. in dia., brs. S.  $7^{\circ}$ E., 178 lks.  
 dist., marked T18S R1W S5 BT.  
 A palo verde, 5 ins. in dia., brs. S.  $79^{\circ}$ W., 112 lks.  
 dist., marked T18S R1W S6 BT.  
 A palo verde, 5 ins. in dia., brs. N.  $82\frac{1}{2}^{\circ}$ W., 91 lks.  
 dist., marked T17S R1W S31 B T.

Land: level, drains SE.  
 Soil: rocky, 3rd rate.  
 Timber: none.  
 Undergrowth: greasewood, sage, mesquite, palo verde and  
 cactus;

West, bet. secs. 6 and 31.  
 Over flat; through dense undergrowth.  
 Asc. gradual E. slope 46 ft.  
 40.00 Set an iron post 3 ft. long, 1 in. in dia., 4 ins. in  
 the ground, with deposit of rock marked with a cross  
 (+), supported by a mound of stone 4 ft. base, 30 ins.  
 high, with brass cap marked

$\frac{S31}{S6}$   
 1925

from which

A palo verde, 6 ins. in dia., brs. N.  $84\frac{1}{2}^{\circ}$ W., 15  
 lks. dist., marked  $\frac{1}{2}$  S31 BT.  
 No other trees available.  
 Raise a mound of stone, 3 ft. base, 3 ft. high, N.  
 of post.

41.00 Well tower at Como brs. N.  $39^{\circ}$ E.  
 Mt. Boboquivari brs. S.  $80^{\circ}05'$ E.  
 Asc. gradual E. slope 7 ft.  
 43.80 Over mountainous land. Asc. 545 ft. over E. slope.

## Survey of the North Boundary of T.18 S., R.1 W.

Chains

70.40

70.66

80.00

Small spur, slopes SE. Desc. 33 ft. over SW. slope.  
 Raise a mound of stone, 4 ft. base, 2 ft. high, on line.  
 Set an iron post, 3 ft. long, 3 ins. in dia., 10 ins. in  
 the ground, with a cross (+) on rock, 3 ft. x 3 ft.  
 exposed, beside, supported by a mound of stone, 3 ft.  
 base, 1 1/2 ft. high, for cor. of Tps. 17 and 18 S., Rs.  
 1 and 2 W., with brass cap marked

T17S  
 R2W R1W  
 S36 S31  
 S1 S6  
 T18S  
 1925

No trees available.  
 Land: flat and mountainous.  
 Soil: rocky, 3rd rate.  
 Timber: none.  
 Undergrowth: mesquite, palo verde, greasewood, sage and  
 cactus.

## FINAL TEST

Nov. 8, 1925; with same transit and on meridian described  
 on page 3, hereof, at 9h. 00m., a.m., l.m.t., set off  
 31° 49 1/2' on the lat. arc, and 16° 32' S. on the decl.  
 arc, and determine a meridian with the solar, which  
 coincides with the true meridian.

At app. noon, with the lat. arc unchanged, observe the  
 sun on the meridian; the resulting reading of the  
 decl. arc is 16° 36 1/2' S., which agrees with the  
 computed decl. of the sun.

At 3h. 00m. p.m., l.m.t., with the lat. arc unchanged,  
 set off 16° 39' S. on the decl. arc, and determine a meri-  
 dian with the solar, which coincides with the true  
 meridian.

As solar observations taken during all the usual working  
 hours all come within 1' of the true meridian, the  
 instrument has remained in satisfactory adjustment  
 during the foregoing survey.



CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William H. Thorn, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group No. 101, Arizona, bearing date of the 26th day of September, 1919, 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, resurveyed all those parts or portions of the Gila and Salt River Meridian, thru Townships 16, 17, 18, and Frac. 19 South;

and surveyed all those parts or portions of the North boundary of TOWNSHIP 18 SOUTH, RANGE 1 WEST,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 2 hereof the foregoing field notes/as having been executed by me, and under my direction; and that all the corners of said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group No. 101, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: Phoenix Ariz Date: May 21 1926

William H. Thorn U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE U. S. Supervisor of Surveys.

Denver, Colorado, August 23, 1926.

The foregoing field notes of the resurvey of the Gila and Salt River Meridian, thru Townships 16, 17, 18 and Frac. 19 South; and of the survey of the North boundary of

TOWNSHIP 18 SOUTH, RANGE 1 WEST,

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

executed by William H. Thorn, U.S. Cadastral Engineer,

under his special instructions dated Sept. 26, 1919, for Group No. 101, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. 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.