

BOOK 3664  
FIELD NOTES

OF THE RESURVEY OF THE

Second Standard Parallel South, Ranges 1, 2, and 3 West,  
Third Standard Parallel South, Ranges 1 to 6 E., inclusive,

AND OF THE SURVEY OF THE

First Guide Meridian East, Townships 11 to 15 South, inclusive,

Township 11 South, Range 3 West, W. 3 mi. South boundary,

Township 12 South, Range 1 West, E. 4 mi. North boundary,

S. 3 mi. West boundary,

Township 12 South, Range 4 West, W. 3 mi. South boundary, and

E. 3 mi. North boundary,

Township 13 South, Range 1 West, W. 1 mi. South boundary,

Township 13 South, Range 2 West, E. 4 mi. North boundary,

middle 2 mi. West bdy.,

Township 14 South, Range 2 West, E. 2 mi. North boundary,

Township 11 South, Range 4 East, N. 3 mi. West boundary,

Township 12 South, Range 2 East, W. 3 mi. South boundary,

E. 3 mi. North boundary,

Township 12 South, Range 3 East, North boundary,

Township 12 South, Range 4 East, North boundary, and

Part of the Subdivision lines of

Township 10 South, Range 3 West, Township 13 South, Range 2 West,

Township 11 South, Range 3 West, Township 14 South, Range 2 West,

Township 12 South, Range 1 West, Township 11 South, Range 5 East,

Township 12 South, Range 4 West, Township 12 South, Range 2 East,

Township 13 South, Range 1 West, & Township 13 South, Range 1 East,

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 September 23, 1919,

issued by the United States Surveyor General to govern surveys included in Group

No. 99, Arizona, which were approved by the Commissioner of the General Land

Office, October 22, 1919, and Assignment Instructions dated April 8, 1920.

March 1, 1924  
Oct. 15, 1924

Resurvey and Survey commenced May 7, 1920.

Resurvey and Survey completed Nov. 18, 1924.

# 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

GROUP 99 - Arizona  
 INDEX DIAGRAM

IN TWO PARTS

Part "A"

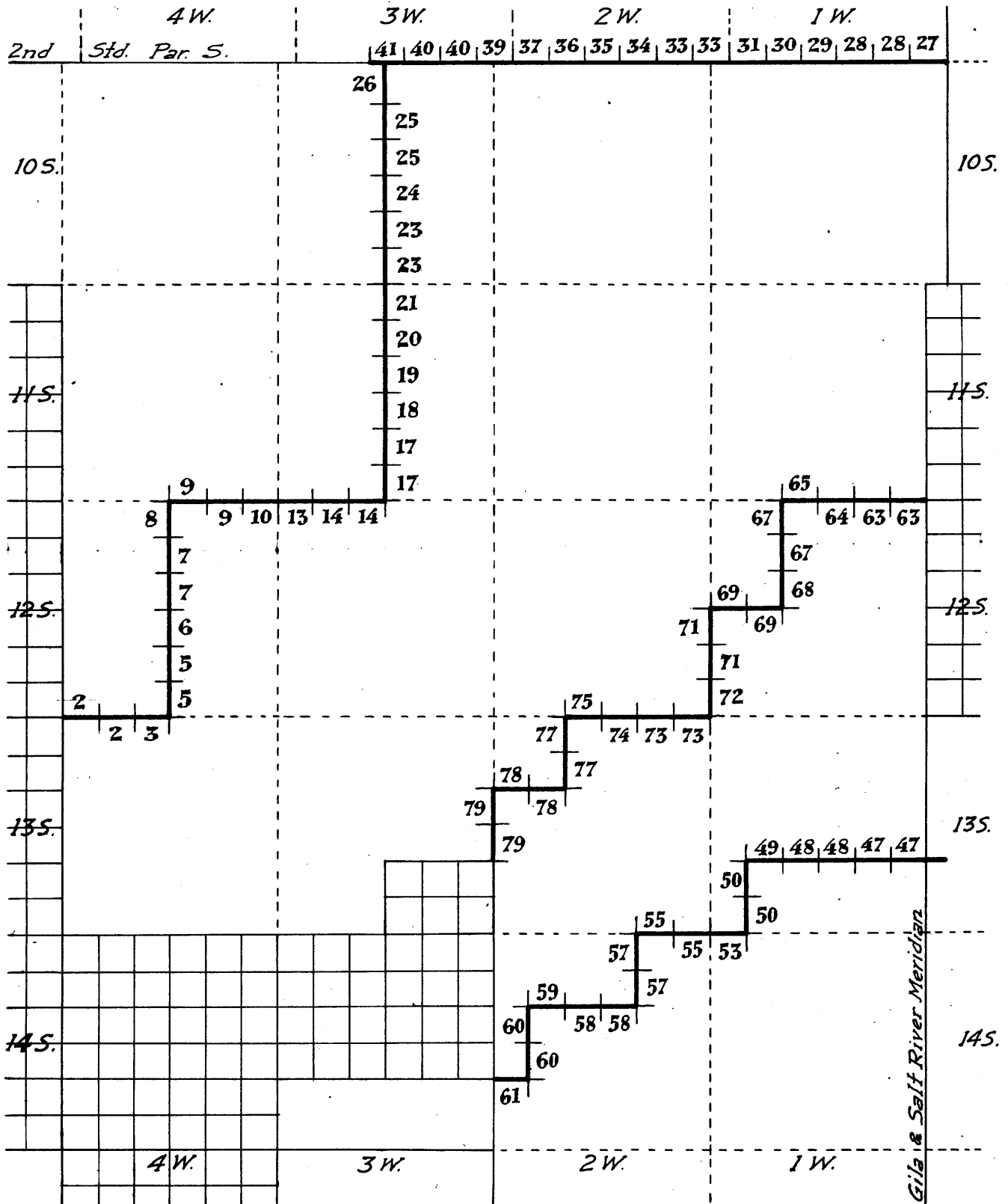
Lines surveyed or resurveyed under Group 99  
 Accepted, surveyed lines.  
 Unsurveyed township boundaries.

BOOK 3664

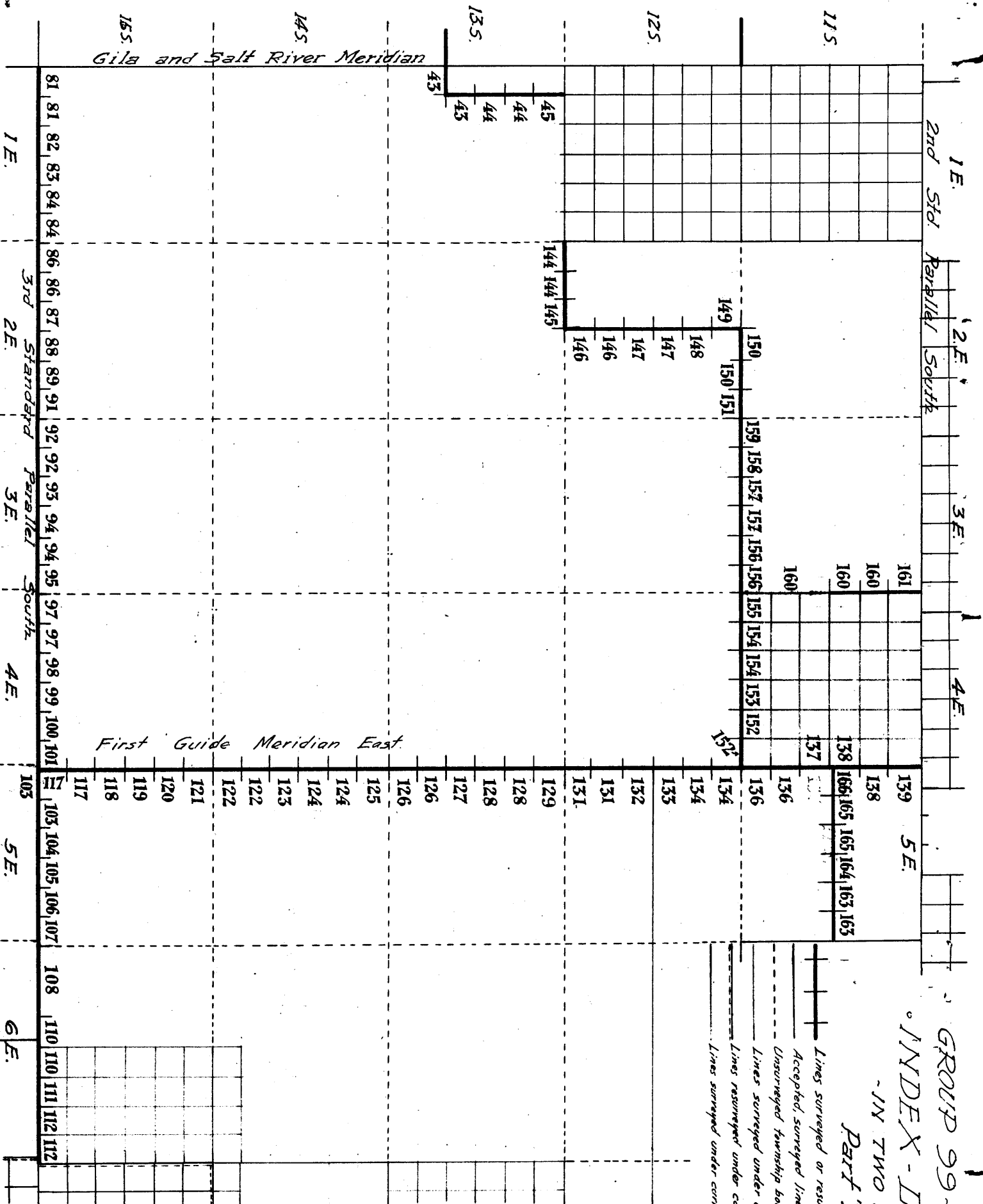
3664

1A

3



Part "B" of Index Diagram on Reverse hereof



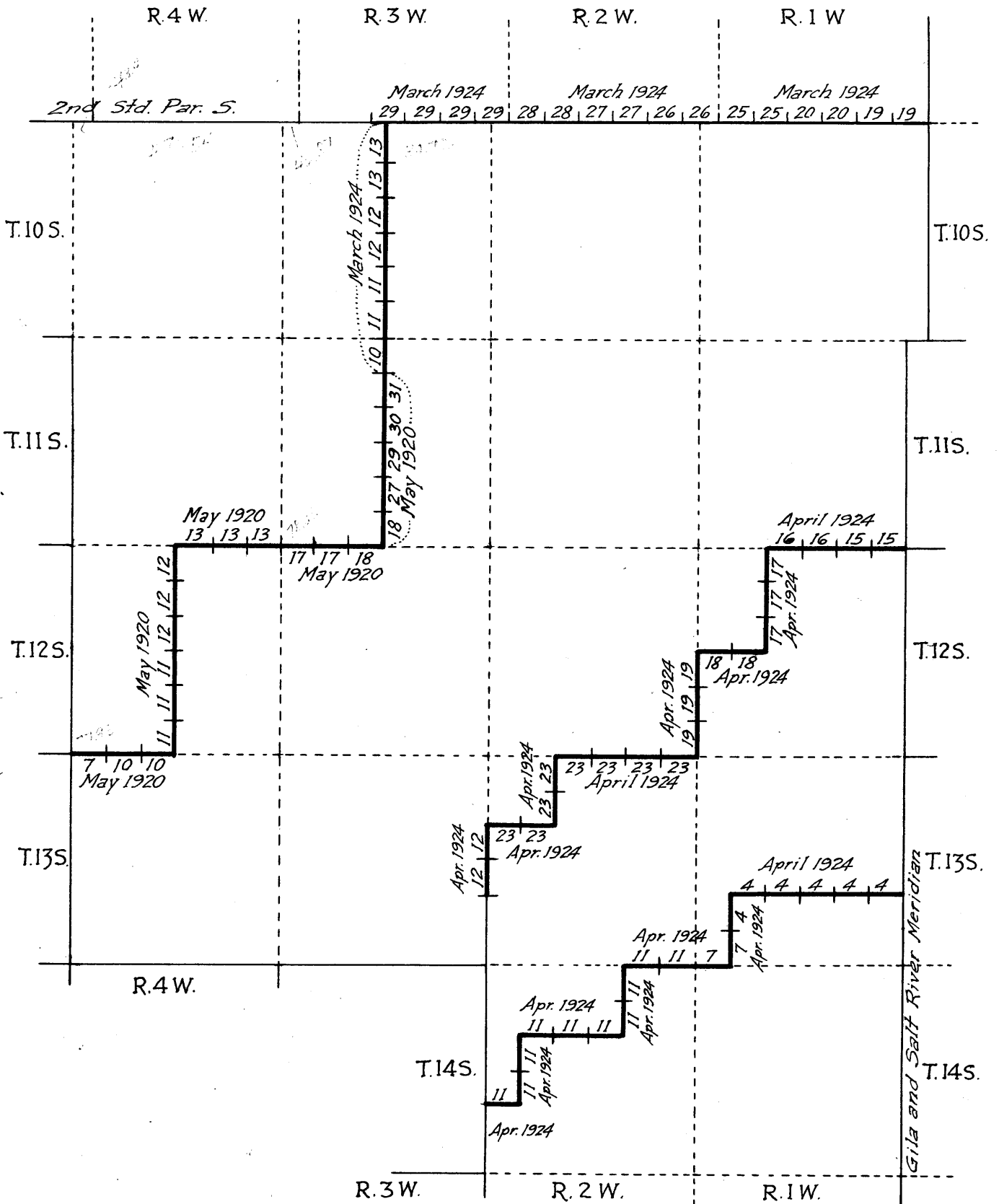
GROUP 99 - ARIZONA.  
 INDEX-DIAGRAM.  
 - IN TWO PARTS.  
 PART "B"

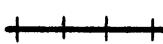
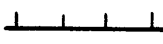
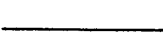
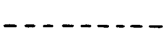
- Lines surveyed or resurveyed under Group No. 99.
- Accepted, surveyed lines.
- - - Unserved township boundaries.
- Lines surveyed under current Group No. 100.
- Lines resurveyed under current Group No. 100.
- Lines surveyed under current Group No. 101.

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• GROUP 99 ~ ARIZONA •  
 ~ DATE ~ DIAGRAM ~  
 • IN TWO PARTS •  
 Part One

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-  Lines surveyed by W.H.Thorn, U.S.C.E. on dates shown thereon.
-  Lines resurveyed by W.H.Thorn, U.S.C.E. on dates shown thereon.
-  Accepted, surveyed township boundaries.
-  Unsurveyed township boundaries.

Part Two of Date Diagram on reverse hereof



Resurveys and surveys hereinafter described, were executed on dates shown on accompanying diagrams, by William H. Thorn, U. S. C. E., using a Young and Sons light mountain transit No. 8592; equipped with full vertical circle and 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 verniers of the lat. and decl. arcs. Unless otherwise specified, all azimuth determinations are accomplished with the solar attachment

Field Test of Instrument No. 8592, by  
William H. Thorn,  
U. S. Cadastral Engineer.

May 6, 1920: I examine the adjustments of the transit and correct all errors; then, to test the solar apparatus, by comparing their indications, resulting from observations made during a. m. and p. m. hours with a meridian established by observations on Polaris, I proceed as follows:

May 6, 1920: At camp, near the corner of Secs. 15, 16, 21 and 22, T. 12 S., R. 4 W., G. & S. R. B. & M., Arizona, lat.  $32^{\circ} 22' 28''$  N., long.  $112^{\circ} 40' 34''$  W., at 4 hrs. 40 m., a. m., l.m.t., I observe Polaris at eastern elongation, 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, 6.00 chs. N. of my station.

Azimuth of Polaris at eastern elongation  $1^{\circ} 19' 45''$ .

At 7 hrs., a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ} 20'$  to the west, and mark the meridian thus determined by a tack in a peg driven firmly in the ground 6.00 chs. N.

March 7, 1920: At 8 hrs., a.m., l.m.t., I set off  $32^{\circ} 22\frac{1}{2}'$  on the lat. arc;  $16^{\circ} 34'$  N. on the decl. arc; and determine a meridian with the solar, which I find to agree with the true meridian.

At 11 hrs. 56 m., I set off  $16^{\circ} 36'$  N., on the decl. arc and observe the sun on the meridian; the resulting lat. is  $32^{\circ} 22\frac{1}{2}'$ , which agrees with the calculated lat.

At 4 hrs. 0 m., p.m., l.m.t., I set off  $32^{\circ} 22\frac{1}{2}'$  N. on the lat arc, and  $16^{\circ} 39'$  N., on the decl. arc; and determine a meridian with the solar, which I find to agree within one min. of the true meridian.

As all of the solar observations during the usual hours of solar work come within  $1' 30''$  of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

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

## Survey of part of the South Bdy. of T. 12 S., R. 4 W.

Chains The following notes describe a survey of the west half of the south boundary of T. 12 S., R. 4 W., of the G. & S. R. B. & M., Arizona, which portion of the Tp. bdy. forms a bdy. of the Papago Indian Reservation, the land South of the line being within said reservation.

The cor. of Tps. 12 and 13 S., Rs. 4 and 5 W., (established by me in 1918) is an iron post 3 ins. in diam. projecting 24 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap and witnessed by a mound of stone S. of cor. No bearing trees.

Thence east on a true line bet. secs. 6 and 31. Over mountainous land, thru scattering undergrowth. Ascend 633 ft. over west slope.

24.63 Ridge, bears N. and S.  $10^{\circ}$  E. Descend 342 ft. over steep east slope to

37.95 (38.41 chs. - 46 lks. convergency) Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported in mound of stone, for  $\frac{1}{4}$  sec. cor. with brass cap marked

P L  
 $\frac{1}{4}$   $\frac{S 31}{S 6}$   
 P I R  
 1920

No bearing trees available. Raise a mound of stone 3 ft. base 2 ft. high N. of cor.

Desc. 91 ft. over steep E. slope.

42.76 Bottom of canyon 150 lks. wide, course N.  $10^{\circ}$  W. Asc. 390 ft. over steep west slope.

55.37 Spur slopes N. At this point on line raise mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high. Desc. 462 ft. over steep east slope to

75.05 Foot of steep descent brs. N. and SE. Enter gently rolling land. Desc. 13 ft. over E. slope to

77.95 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

P L  
 T 12 S R 4 W  
 $\frac{S 31}{S 6} \mid \frac{S 32}{S 5}$   
 T 13 S  
 P I R  
 1920

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

Land; mountainous and gently rolling.

Soil; rocky, 4th rate, volcanic formation.

Timber; none.

Undergrowth; scrub palo verde and mesquite, greasewood, ocotillo, cholla and giant cactus.

East on a true line, bet. secs. 5 and 32.

Over gently rolling land, thru dense undergrowth.

Desc. 25 ft. over E. slope.

10.58 Wash, 50 lks. wide, course NE. Desc. 60 ft. over NE. slope to

30.85 Center of wash, 80 lks. wide, course N.  $20^{\circ}$  E.



Survey of part of the south Bdy. of T. 12 S., R. 4 W.

Chains Desc. gradually over NE. slope to  
 35.00 Center of wash, 100 lks. wide, course North. Asc. 11  
 ft. over NW. slope to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P L  
 $\frac{1}{4}$   $\frac{S 32}{S 5}$   
 P I R  
 1920

No bearing trees available. Raise a mound of stone  $2\frac{1}{2}$   
 ft. base  $1\frac{1}{2}$  ft. high N. of cor. Asc. 29 ft. over NW.  
 slope to  
 54.90 Wash, 30 lks. wide, course N.  $15^\circ$  W. Asc. 35 ft. over  
 NW. slope to  
 60.00 Foot of mountainous land, brs. N. & S. Asc. 458 ft. over  
 steep W. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in  
 the ground to bed rock, deposit a stone marked with  
 a cross (X) at base of post and raise a mound of  
 stone around post for cor. of secs. 4, 5, 32 and 33,  
 marked on brass cap:

P L  
 T 12 S R 4 W  
 $\frac{S 32}{S 5} \mid \frac{S 33}{S 4}$   
 T 13 S  
 P I R  
 1920

No bearing trees available. Raise a mound of stone 3  
 ft. base, 2 ft. high, W. of cor.  
 Land; gently rolling and mountainous.  
 Soil; gravelly and rocky, 2nd and 4th rate, volcanic for-  
 mation.  
 Timber; none.  
 Undergrowth; scrub palo verde, ironwood, cactus and  
 greasewood.

East on a true line, bet. secs. 4 and 33.  
 Over mountainous land, thru dense undergrowth.  
 Asc. 341 ft. over W. slope.  
 14.10 Ridge, brs. N.  $10^\circ$  W., and south. From this point  
 Poso Redondo Indian Village brs. S.  $40^\circ$  E. Raise a  
 mound of stone 3 ft. base, 2 ft. high, on line, at this  
 point. Desc. 500 ft. over E. slope.  
 31.52 Wash, 10 lks. wide, in gulch, course N.  $10^\circ$  E. Asc. 87  
 ft. over NW. slope.  
 37.88 Spur, slopes NE. Desc. 37 ft. over SE. slope to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface  
 rock, deposit a stone marked with a cross (X) at base  
 of post, and raise a mound of stone around post for  
 $\frac{1}{4}$  sec. cor., marked on brass cap

P L  
 $\frac{1}{4}$   $\frac{S 33}{S 4}$   
 P I R  
 1920

No bearing trees available. Raise a mound of stone 3  
 ft. base, 2 ft. high N. of cor. Desc. 166 ft. over  
 SE. slope.  
 48.69 Wash, 20 lks. wide, in gulch, course N.  $10^\circ$  E. Asc. 189

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Survey of part of the South Bdy. of T. 12 S., R. 4 W.

Chains ft. over NW. slope  
 68.00 Point of spur slopes N. Desc. 236 ft. over NE. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins.  
 in ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 around post, for cor. of secs. 3, 4, 33 and 34, mark-  
 ed on brass cap

P L  
 T 12 S R 4 W  
 S 33 | S 34  
 S 4 | S 3  
 T 13 S  
 P I R  
 1920

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

Land; mountainous.

Soil; rocky, 4th rate, volcanic formation.

Timber; none.

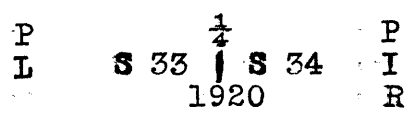
Undergrowth; scrub palo verde, greasewood, ocotillo and  
 cactus.

Survey of part of the Subdivision Lines of T. 12 S., R. 4 W.

Chains. The following notes describe a survey of the meridional subdivision line through the middle of T. 12 S., R. 4 W., of the G. & S. R. B. & M., Arizona, which subdivisional line forms a boundary of the Papago Indian Reservation, the land east of said line being within said reservation.

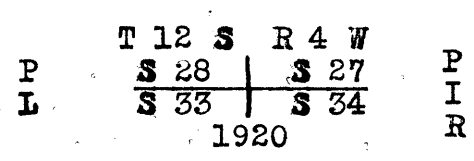
From the cor. of secs. 3, 4, 33 and 34, on the south boundary of the township hereinbefore described, N. 0° 2' W., on a true line bet. secs. 33 and 34. Over mountainous land, through dense undergrowth.

- Desc. 23 ft. over NE. slope.
- 5.00 Wash, 20 lks. wide, course E. Enter rolling land. Asc. 66 ft. over SW. slope.
- 17.96 Top of asc. on W. side of hill, the top of which bears E. 6. chs. dist. Desc. 79 ft. over NW. slope.
- 28.49 Center of wash, 200 lks. wide, course N. 60° E. Asc. 21 ft. over SE. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap



No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Asc. 10 ft. over SE. slope

- 45.00 Desc. 44 ft. over NE. slope.
- 53.97 Wash, 30 lks. wide, course E. Enter mountainous land. Asc. 170 ft. over SE. slope.
- 72.63 Top of hill, bears NE. and SW. Raise a md. of stone 3 1/2 ft. base 2 ft. high on line, at this point. Desc. 123 ft. over NW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 27, 28, 33 and 34, marked on brass cap



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

Land; mountainous and rolling.  
Soil; rocky, 4th rate, volcanic formation.  
Timber; none.  
Undergrowth; scrub palo verde, ironwood, greasewood, ocotillo and cactus.

- N. 0° 2' W., bet. secs. 27 and 28. Over rolling land, through dense undergrowth. Desc. 86 ft. over NW. slope.
- 14.96 Foot of desc. brs. E. and W. Enter nearly level land in valley. Desc. slightly over N. slope to
- 28.14 Wash, 30 lks. wide, course E. Asc. 25 ft. over S. slope to
- 40.00 Low spur, slopes E. Set an iron post, 3 ft. long, 1 in in diam., 6 ins. in the ground, to bed rock, deposit a stone marked cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

Survey of part of the Subdivision Lines of T. 12 S., R. 4 W.

Chains

P	S 28		S 27	P
L	1920			R

- No bearing trees available. Raise a mound of stone 2½ ft. base, 1½ ft. high W. of cor. Thence over gently rolling land. Desc. 29 ft. over N. slope.
- 48.40 Foot of desc. brs. E. and W. Enter nearly level land in valley, and scattering timber.
  - 55.00 Foot of bluff brs. west about 5.00 chs. dist., 100 ft. high, bearing N. and S.
  - 63.10 Wash, 40 lks. wide, course N. 20° W.
  - 74.30 Center of wash, 100 lks. wide, course N. 70° W.
  - 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap

				P
P	T 12 S		R 4 W	I
L	S 21		S 22	R
				R
1920				

from which

- A mesquite, 18 ins. in diam., brs. N. 55° E., 138 lks. dist., marked T 12 S R 4 W S 22 B T.
  - A mesquite, 12 ins. in diam., brs. S. 34° E., 127 lks. dist., marked T 12 S R 4 W S 27 B T.
  - A mesquite, 6 ins. in diam., brs. S. 42° W., 58 lks. dist., marked T 12 S R 4 W S 28 B T.
  - A mesquite, 6 ins. in diam., brs. N. 66° 30' W., 232 lks. dist., marked T 12 S R 4 W S 21 B T.
- Land; rolling, nearly level and gently rolling.  
 Soil; sandy and rocky, 2nd and 4th rate.  
 Timber; mesquite.  
 Undergrowth; scrub mesquite, catclaw, greasewood, scrub palo verde, ironwood, ocotillo and cactus.

N. 0° 2' W., bet. secs. 21 and 22.  
 Over nearly level land, thru scattering timber and undergrowth.

- .35 Wash, 20 lks. wide, course S. 70° W.
- 1.10 Ajo and Poso Redondo road, brs. N. 60° W., and S. 60° E.
- 19.00 Center of wash, 200 lks. wide, course west.
- 39.30 Dim road bears N. 30° E., and S. 20° W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

P	S 21		S 22	P
L	1920			R

from which

- A mesquite, 10 ins. in diam., brs. N. 54° 30' W., 105 lks. dist., marked ¼ S 21 B T.
- A mesquite, 4 ins. in diam., brs. N. 75° E., 126 lks. dist., marked ¼ S 22 B T.
- 41.00 Leave timber.
- 48.20 Wash, 70 lks. wide, course S. 10° E. Enter rolling land. Ascend SE. slope.
- 63.33 Top of spur 2 chs. from E. end, 147 ft. ascent. Desc. NE. slope.
- 63.38 Raise mound of stone, 3 ft. base, 2 ft. high, on line.
- 78.50 Foot of 108 ft. desc., brs. NW. & SE. Enter nearly level land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (X), at base of post, and raise a mound of stone around post, for cor. of secs. 15, 16, 21 and 22, marked on brass cap

Survey of part of the Subdivision Lines of T. 12 S., R. 4 W.

Chains

	T 12 S	R 4 W	
P	S 16	S 15	P
L	S 21	S 22	I
	1920		R

No bearing trees available. Raise a md. of stone 3 ft. base 2 ft. high W. of cor.  
 Land; nearly level and rolling.  
 Soil; 1st and 4th rate; volcanic formation.  
 Timber; no large trees.  
 Undergrowth; scrub mesquite, catclaw, scattering palo verde and iron wood, dense brush, giant cactus and ocotilla.

N. 0° 2' W., bet. secs. 15 and 16.  
 Over rolling land, thru scattering timber and dense undergrowth.

- Desc. 26 ft. over W. slope.  
 22.40 Wash, 50 lks. wide, course S. 80° W. Asc. gradually over SW. slope to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

		$\frac{1}{4}$	
P	S 16	S 15	P
L			I
	1920		R

From which

- A mesquite, 20 ins. in diam., bears S. 69 $\frac{1}{2}$ ° E., 29 lks. dist., marked  $\frac{1}{4}$  S 15 B T.  
 A mesquite, 12 ins. in diam., bears S. 52° W., 95 lks. dist., marked  $\frac{1}{4}$  S 16 B T.  
 Continue over rolling land. Asc. 70 ft. over SW. slope to sec. cor.  
 40.20 Wash, 40 links wide, course S. 70° W.  
 57.30 Wash, 20 lks. wide, course S. 60° W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in ground, for cor. of secs. 9, 10, 15 & 16, marked on brass cap

	T 12 S	R 4 W	
P	S 9	S 10	P
L	S 16	S 15	I
	1920		R

No bearing trees available. Raise a mound of stone and earth 3 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.  
 Land; rolling.  
 Soil; gravelly and rocky, 4th rate.  
 Timber; mesquite and palo verde.  
 Undergrowth; greasewood, scrub mesquite, scrub palo verde, ironwood, giant cactus and ocotillo.

- N. 0° 2' W., bet. secs. 9 and 10, over rolling land, thru dense undergrowth. Desc. 17 ft. over NW. slope to  
 5.81 Wash, 10 links wide, course west, near head. Desc. gradually over NW. slope to  
 15.50 Wash, 50 links wide, course S. 20 W. Asc. 57 ft. over gradual S. slope to  
 35.00 Enter mountainous land. Asc. 92 ft. over S. slope to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post for  $\frac{1}{4}$  sec. cor., marked on brass cap

Survey of part of the Subdivision Lines of T. 12 S., R. 4 W.

Chains

P	S 9	$\frac{1}{4}$	S 10	P
L				I
		1920		R

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

Asc. 92 ft. over S. slope.

46.41 Raise mound of stone, 3 ft. base 2 ft. high, on line, at this point.

46.86 Ridge, bears E. and W., desc. 171 ft. over N. slope to

63.64 Wash, 50 lks. wide, course west. Enter nearly level land in valley.

72.14 Wash, 40 lks. wide, 4 ft. banks, course west.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap

	T 12 S	R 4 W	
P	S 4	S 3	P
L	S 9	S 10	I
		1920	R

No bearing trees available. Raise a mound of stone 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.

Land; rolling, mountainous and nearly level.

Soil; gravelly and rocky, 2nd and 4th rate.

Timber; none.

Undergrowth; scrub mesquite, scrub palo verde, grease wood and giant cactus.

N. 0° 2' W., bet. secs. 3 and 4.

Over nearly level land, through dense undergrowth.

0.77 Four-wire fence bears E. and W.

2.30 Dim road, bears N. 60° W., and S. 70° E.

3.30 Wash, 10 lks. wide, course west.

19.50 Wash, 100 lks. wide, course S. 70° W.

30.00 Wash, 200 lks. wide, course S. 65° W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked on brass cap

P	S 4	$\frac{1}{4}$	S 3	P
L				I
		1920		R

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

43.60 Dim road, bears S. 40° W., and N. 45° E.

47.90 Wash, 30 links wide, course west.

61.30 Wash, 50 lks. wide, course S. 60° W.

77.70 Wash, 30 lks. wide, course S. 30° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

P L	T 11 S	R 4 W	
	S 33	S 34	
	S 4	S 3	
	T 12 S	P I R	
		1920	

No bearing trees available. Raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

Land; nearly level.

Soil; sandy, 2nd rate.

Timber; none.

Undergrowth; scrub mesquite, scrub palo verde and grease-wood.

## Survey of part of the North Boundary of T. 12 S., R. 4 W.

Chains The following notes describe a survey of the east half of the north boundary of T. 12 S., R. 4 W., of the G. & S. R. B. & M., Arizona, which portion of the Tp. bdy. forms a bdy. of the Papago Indian Reservation, the land south of the line being within said reservation.

From the cor. of secs. 3, 4, 33 and 34, on the north bdy. of T. 12 S., R. 4 W., hereinbefore described, east on a true line bet. secs. 3 and 34, over nearly level land, through dense undergrowth.

Asc. 35 ft. over SW. slope to  $\frac{1}{4}$  sec. cor.

27.40 Wash, 10 lks. wide, course S. 60° W.

37.90 Wash, 20 lks. wide, course S. 70° W.

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

P L  
 $\frac{1}{4}$   $\frac{S 34}{S 3}$   
 P I R  
 1920

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high N. of cor. Continue over nearly level land. Asc. 40 ft. over SW. slope.

49.10 Road, bears N. 45° E., and S. 40° W.

60.00 Enter rolling land. Asc. 52 ft. over W. slope.

68.28 Raise mound of stone, 3 ft. base, 2 ft. high, on line, at this point.

69.02 Top of low ridge, brs. N. and S. Desc. 12 ft. over E. slope to

74.00 Thence over nearly level land. Asc. slightly over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 2, 3, 34 and 35, marked on brass cap

P L  
 T 11 S R 4 W  
 $\frac{S 34}{S 3} | \frac{S 35}{S 2}$   
 T 12 S  
 P I R  
 1920

From which

An iron wood, 12 ins. in diam., brs. S. 85 $\frac{1}{2}$ ° E., 47 lks. dist., marked T 12 S R 4 W S 2 B T.

No other bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

From this cor. Coffee Pot Mountain bears N. 29° E.

Land; nearly level and rolling.

Soil; gravelly and rocky, 3rd and 4th rate.

Timber; none.

Undergrowth; scrub palo verde, scrub mesquite, iron wood and grease wood.

East, on a true line, bet. secs. 2 and 35.

Over nearly level land, through scattering timber and dense undergrowth.

Ascend 62 ft. over SW. slope to  $\frac{1}{4}$  sec. cor.

2.70 Wash, 10 lks. wide, course S. 60° W.

9.50 Wash, 50 lks. wide, course S. 30° W.

27.60 Center of wash, 100 lks. wide, course S. 80° W.

31.30 Same wash, course N. 80° W., from E. Thence in wash to

## Survey of part of North Boundary of T. 12 S., R. 4 W.

## Chains

- 35.02 Leave wash, course W., from N. 80° E.  
 38.50 Wash, 15 lks. wide, course N. 20° W.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P L  
 $\frac{1}{4}$   $\frac{S 35}{S 2}$   
 P I R  
 1920

No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 2 ft. high N. of cor.

Continue over nearly level land.

Asc. 58 ft. over SW. slope to sec. cor.

- 48.20 Same wash, 20 lks. wide, course S. 70° W.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the cor. of secs. 1, 2, 35 and 36, marked on brass cap

P L  
 T 11 S R 4 W  
 $\frac{S 35}{S 2}$  |  $\frac{S 36}{S 1}$   
 P I R  
 T 12 S  
 1920

No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land; nearly level.

Soil; gravelly and rocky, 3rd and 4th rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood, ironwood, giant cactus and ocotilla.

East, on a true line, bet. secs. 1 and 36.

Over gently rolling land, thru dense undergrowth.

Asc. 81 ft. over SW. slope to  $\frac{1}{4}$  sec. cor.

- 10.00 Wash, 20 links wide, course S. 70° W.

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

P L  
 $\frac{1}{4}$   $\frac{S 36}{S 1}$   
 P I R  
 1920

No bearing trees available. Raise a mound of stone 2 $\frac{1}{2}$  ft. base 1 $\frac{1}{2}$  ft. high N. of cor.

Continue over gently rolling land.

Asc. 92 ft. over SW. slope.

- 42.00 Wash, 50 lks. wide, course S. 60° W.

- 52.00 Enter wash, 30 lks. wide, course S. 80° W., from E. Thence in wash.

- 57.40 Leave wash, course W., from N. 80° E.

- 75.00 Enter mountainous land. Asc. 60 ft. over W. slope.

- 79.00 Ridge, brs. N. and S. Desc. 30 ft. over E. slope.

- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Tps. 11 and 12 S., Rs. 3 and 4 W., marked on brass cap



Survey of part of the North Boundary of T. 12 S., R. 4 W.

Chains

P L  
 T 11 S  
 R 4 W | R 3 W  
S 36 | S 31  
 S 1 | S 6  
 T 12 S  
 1920  
 P I R

No bearing trees available. Raise a mound of stone, 3  
 ft. base, 2 ft. high, S. of cor.  
 A lone butte, 1300 ft. above valley, bears N. about 15.00  
 chs. dist.  
 Land; gently rolling and mountainous.  
 Soil; rocky, 4th rate.  
 Timber; none.  
 Undergrowth; scrub mesquite and palo verde, iron wood,  
 giant cactus and ocotilla.

Survey of part of the South Boundary of T. 11 S., R. 3 W.

Chains The following notes describe a survey of the west half of the south boundary of T. 11 S., R. 3 W., of the G. & S. R. B. & M., Arizona, which portion of the Tp. bdy. forms a bdy. of the Papago Indian Reservation, the land south of the line being within said reservation.

From the cor. of Ts. 11 and 12 S., Rs. 3 and 4 W., hereinbefore described,  
 East, on a true line, bet. secs. 6 and 31.  
 Over mountainous land, thru scattering timber and undergrowth.  
 Desc. 38 ft. over E. slope.

3.70 Wash, 50 lks. wide, course S. 20° W. Asc. 82 ft. over NW. slope.

5.94 Spur, slopes SW. Desc. 34 ft. over SE. slope.

10.00 Through hole in rock, 7 x 4 ft.

15.34 Bottom of gulch, course S. 60° W. Asc. 37 ft. over NW. slope.

20.00 Spur, slopes SW. Desc. 21 ft. over SE. slope.

22.74 Bottom of gulch, course S., near head. Asc. 30 ft. over NW. slope.

26.00 Point of spur, slopes SW. Desc. 50 ft. over SE. slope.

30.72 Bottom of gulch, course S. 80° W. Asc. 90 ft. over W. slope to foot of cliff, bears N. and S., facing W.

38.06 (38.98 chs. -92 lks. convergency). Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

P L  
 1/4 S 31  
 S 6  
 P I R  
 1920

No bearing trees available. Raise a mound of stone 3 ft. base 2 ft. high N. of cor.  
 Asc. 126 ft. to

39.96 Top of cliff, brs. N. and S., facing W. Asc. 242 ft. over W. slope.

45.18 From this point, south point of Coffee Pot Mountain bears N. 2 1/2° W.

48.15 Ridge, bears N. and S. At this point, on line, raise mound of stone 3 ft. base, 2 ft. high.  
 Enter rolling land. Desc. 77 ft. over E. slope.

69.36 Wash, 20 lks. wide, course N. 70° E. Desc. gradually over NE. slope to

77.36 Same wash, 50 lks. wide, course S. 30° E. Asc. slightly over S. slope to

78.06 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

P L  
 T 11 S R 3 W  
 S 31 | S 32.  
 S 6 | S 5  
 T 12 S  
 P I R  
 1920

No bearing trees available. Raise a mound of stone 2 1/2 ft. base, 2 ft. high W. of cor.  
 Land; mountainous and rolling.  
 Soil; 4th rate, volcanic formation.  
 Timber; scattering mesquite, palo verde and iron wood.  
 Undergrowth; greasewood, cat claw, ocotilla, and giant cactus.

## Survey of part of the South Boundary of T. 11 S., R. 3 W.

- Chains East, on a true line, bet. secs. 5 and 32.  
Over gently rolling land, thru dense undergrowth.  
Asc. 40 ft. to  $\frac{1}{4}$  sec. cor.
- .50 Wash, 80 lks. wide, course south.  
16.60 Wash, 10 lks. wide, course S. 10° W.  
26.80 Center of wash, 100 lks. wide, course S. 75° W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P L  
 $\frac{1}{4}$  S 32  
S 5  
P I R  
1920

No bearing trees available. Raise a mound of stone 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.

Continue over gently rolling land.

Asc. 45 ft. over SW. slope to

- 61.00 Center of wash, 200 lks. wide, course S. 80° W.  
63.00 Enter mountainous land, bears N. 10° W., and S. 20° E.  
Ascend 217 ft. over W. slope to

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

P L  
T 11 S R 3 W  
S 32 | S 33  
S 5 | S 4  
T 12 S  
P I R  
1920

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

Land; gently rolling and mountainous.

Soil; rocky, volcanic formation, 4th rate.

Timber; none.

Undergrowth; scrub palo verde, iron wood, greasewood, ocotilla and giant cactus.

East, on a true line, bet. secs. 4 and 33.

Over mountainous land, thru dense undergrowth.

Asc. 20 ft. over W. slope.

- 1.50 Spur, slopes S. 10° E. Desc. 22 ft. over E. slope.  
6.50 Head of gulch, course S. 10° E. Asc. 316 ft. over SW. slope.  
21.94 Ridge, bears N. 20° W., and S. 20° E. Elevation 3200 ft. above sea level. Desc. 400 ft. over NE. slope.  
22.24 Raise a mound of stone, 3 ft. base, 2 ft. high, on line, at this point.  
35.38 Bottom of canyon, 50 lks. wide, course S. 30° E.  
Ascend 82 ft. over SW. slope to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) marked on surface rock, at exact cor. point and raise mound of stone around post for  $\frac{1}{4}$  sec. cor., marked on brass cap

P L  
 $\frac{1}{4}$  S 33  
S 4  
P I R  
1920

Survey of part of the South Boundary of T. 11 S., R. 3 W.

- Chains No bearing trees available.  
Ascend 327 ft. over SW. slope.
- 54.97 Raise mound of stone 2 ft. base, 2 ft. high, on line, at this point.
- 55.07 Spur, slopes S. 30° E. Desc. 116 ft. over E. slope.
- 60.02 Head of gulch, course south. Asc. 77 ft. over SW. slope.
- 69.95 Point of spur slopes S. Desc. 247 ft. over E. slope to
- 79.00 Head of gulch, course S. 80° E. Desc. slightly over S. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) marked on surface rock at exact cor. point and raise a mound of stone around post, for the cor. of sacs. 3, 4, 33 and 34, marked on brass cap

P L

T 11 S R 3 W  
S 33 | S 34  
S 4 | S 3  
 T 12 S  
 1920

P I R

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, west of cor.

Land; mountainous.

Soil; rocky, 4th rate, volcanic formation.

Timber; none.

Undergrowth; scrub palo verde, ocotillo and giant cactus.

Fair grass.

Survey of part of the Subdivision Lines of T. 11 S., R. 3 W.

Chains The following notes describe a survey of the meridional subdivision line through the middle of T. 11 S., R. 3 W., of the G. & S. R. B. & M., Arizona, which subdivisional line forms a boundary of the Papago Indian Reservation, the land east of said line being within said reservation.

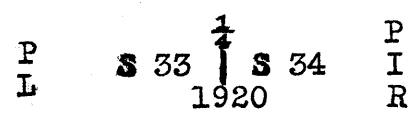
From the cor. of secs. 3, 4, 33 and 34, on the south boundary of the township hereinbefore described. N. 0° 2' W., between secs. 33 and 34. Over mountainous land. Asc. 139 ft. over S. slope.

7.16 Spur, slopes east. Desc. 195 ft. over NE. slope.

14.58 Wash, 100 lks. wide, course N. 85° E. Asc. 231 ft. over SE. slope.

32.42 Point of spur, slopes SE. Desc. 292 ft. over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap



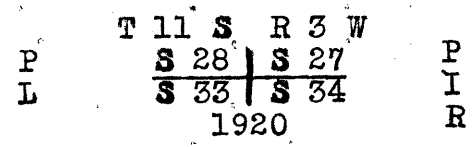
43.20 Descend slightly to Center of wash, 300 lks. wide, course S. 70° E. Asc. 108 ft. over SW. slope.

52.93 Spur, slopes SE. Point of spur brs. 5.00 chs. SE. At this point raise a mound of stone, 3 ft. base, 2 ft. high, on line. Desc. 86 ft. over NE. slope.

63.00 Ravine, course S. 30° E., ascend 178 ft. over SW. slope.

72.92 Spur slopes S. 30° E. Point of same brs. 10 chs. SE. At this point raise mound of stone 2 ft. base, 1 ft. high, on line. Desc. 75 ft. over NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 27, 28, 33 and 34, marked on brass cap



No bearing trees available.  
 Land; mountainous.  
 Soil; gravelly and rocky, 4th rate, volcanic formation.  
 Timber; none.  
 Undergrowth; scrub palo verde, cat claw, ocotillo, giant cactus and grease wood.  
 Fair grass.

N. 0° 2' W., bet. secs. 27 and 28. Over mountainous land, thru dense brush. Desc. 81 ft. over NE. slope.

5.21 At this point raise a mound of stone, 2 ft. base, 2 ft. high, on line.

9.92 Bottom of canyon, course S. 20° E. Asc. 253 ft. over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone 4 ft. base, 2 ft. high, for 1/4 sec. cor., marked on brass cap

## Survey of part of the Subdivision Lines of T. 11 S., R. 3 W.

Chains

P	S 28	1/4	S 27	P
L				I
		1920		R

- No bearing trees available.  
Ascend 598 ft. to sec. cor., over SW. slope.
- 46.49 At this point raise a mound of stone, 2 ft. base, 1 ft. high, on line, on SW. slope.
- 66.41 Foot of cliff, brs. S. 30° E., and N. 30° W.
- 67.35 Top of cliff, 88 ft. high. At this point raise a mound of stone 3 ft. base, 2 ft. high, on line.
- 75.40 Head of ravine, course SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 21, 22, 27 and 28, marked on brass cap

	T 11 S	R 3 W	
P	S 21	S 22	P
L	S 28	S 27	I
		1920	R

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.  
Land; mountainous.  
Soil; rocky, 4th rate, volcanic formation.  
Timber; none.  
Undergrowth; scrub palo verde, greasewood, ocotillo, and giant cactus.  
Fair grass.

- N. 0° 2' W., bet. secs. 21 and 22.  
Over mountainous land, thru dense undergrowth.  
Asc. 18 ft. over SW. slope.
- 1.60 Spur, slopes N. 70° E., 5. chs. west of this point. Desc. 423 ft. over NW. slope to
- 13.51 Ravine, 100 lks. wide, course N. 30° W., asc. 48 ft. over SW. slope.
- 23.90 Point of spur near NW. point. Desc. 244 ft. over N. slope, to 1/4 sec. cor.
- 25.49 At this point a rock 4 x 6 ft., with md. of stone on top brs. E. 10 lks. dist.
- 35.31 Same ravine, course N. 35° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) marked on surface rock at exact cor. point, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

P	S 21	1/4	S 22	P
L				I
		1920		R

- No bearing trees available.  
Asc. 190 ft. over SE. slope.
- 52.60 Spur, slopes N. 60° E. Desc. 190 ft. over NE. slope.
- 66.32 Ravine 300 lks. wide, course E. Asc. 213 ft. over S. slope to sec. cor.
- 77.05 At this point raise a md. of stone, 2 ft. base, 2 ft. high, on line.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 15, 16, 21 and 22, marked on brass cap

Survey of part of the Subdivision Lines of T. 11 S., R. 3 W.

Chains

	T 11 S	R 3 W	
P	S 16	S 15	P
L	S 21	S 22	I
	1920		R

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land; mountainous.  
 Soil; gravelly and rocky, 3rd and 4th rate, volcanic formation.  
 Timber; none.  
 Undergrowth; scrub palo verde, greasewood, ocotillo, giant cactus and coffee brush.  
 Fair grass.

- N. 0° 2' W., bet. secs. 15 and 16.  
 Over mountainous, rocky and gently rolling land, thru dense undergrowth.  
 Asc. 4 ft. over S. slope.
- 2.13 Spur, slopes E. At this point raise a mound of stone, 3 ft. base, 2 ft. high, on line.  
 From this point U. S. Coast and Geodetic Triangulation point, brs. S. 87° 10' W., about 1 mile dist., on top of main ridge bearing N. & S. Desc. 407 ft. over N. slope to
- 25.93 Wash, 200 lks. wide, course N. 45° E. Asc. 120 ft. over NW. slope.
- 27.00 East end of short spur brs. W. about 6. chs. dist.
- 33.93 Wash, 150 lks. wide, course East.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

		†		
P	S 16		S 15	P
L				I
	1920			R

- No bearing trees available.  
 Asc. 173 ft. over SW. slope.
- 52.64 E. end of spur. Desc. 289 ft. over NE. slope.
- 55.64 At this point raise a mound of stone, 3 ft. base, 2 ft. high, on line.
- 67.51 Ravine, No. 20° E., for 5.00 chs., thence N. 10° W. Asc. 31 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 9, 10, 15 and 16, marked on brass cap

	T 11 S	R 3 W	
P	S 9	S 10	P
L	S 16	S 15	I
	1920		R

No bearing trees available.  
 Land; mountainous, rocky, volcanic formation.  
 Soil; rocky, 4th rate.  
 Timber; none.  
 Undergrowth; scrub palo verde, greasewood, ocotillo and giant cactus.  
 Fair grass.

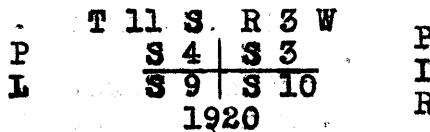
From this cor. an Indian Village bears east about 3 miles distant.

Survey of part of the Subdivision Lines of T. 11 S., R. 3 W.

Chains N. 0° 2' W., bet. secs. 9 and 10.  
 Over gently rolling land, thru dense undergrowth.  
 Desc. 212 ft., over NE. slope to  $\frac{1}{4}$  sec. cor.  
 5.50 Foot of mountain brs. West, and S. 20° E.  
 10.17 Wash, 50 lks. wide, course N. 5° W.  
 22.90 Same wash, course N. 10° E.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins.  
 in the ground to bed rock, supported by a mound of  
 stone for  $\frac{1}{4}$  sec. cor., marked on brass cap



No bearing trees available. Raise a mound of stone 3  
 ft. base, 3 ft. high W. of cor.  
 From this corner the south point of Coffee Pot Dome brs.  
 S. 84° 20' W., the north point brs. N. 89° 15' W.  
 Desc. 83 ft. over NE. slope.  
 52.80 Wash, 80 lks. wide, course N. 25° E.  
 62.40 Same wash, course N. 20° W.  
 70.00 Same wash, 90 lks. wide; course N. 10° E. Asc. 5 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 around post, for cor. of secs. 3, 4, 9 and 10, marked  
 on brass cap



From which  
 A palo verde, 8 ins. in diam., brs. S. 20° E., 27½  
 lks. dist., marked T 11 S R 3 W S 10 B T.  
 No other bearing trees available.  
 Coffee Pot Dome bears S. 79° 10' W.  
 Land; gently rolling.  
 Soil; rocky, 4th rate, volcanic formation.  
 Timber; none.  
 Undergrowth; scrub palo verde, catclaw, giant cactus,  
 ocotillo, and greasewood brush.  
 The 1920 field work was discontinued at this corner.  
 No final field test of instruments taken.

Field Test of Instrument No. 8592  
 by William H. Thorn,  
 U. S. Cadastral Engineer.

March 9, 1924: I examine the adjustments of the transit  
 and correct all errors; then, to test the solar ap-  
 paratus, by comparing their indications, resulting  
 from observations made during a. m. and p.m. hours,  
 with a meridian established by observations on Polaris,  
 I proceed as follows:

March 9, 1924: At camp, near the corner of secs. 2, 3,  
 10 and 11, T. 10 S., R. 3 W., G. & S. R. B. & M.,  
 Arizona, lat. 32° 34' 42" N., long. 112° 33' 25" W.,  
 at 8 hrs. 22 m., a. m., l. m. t., I observe Polaris  
 at eastern elongation, 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, 15.00 chs. S. of my station.

Azimuth of Polaris at eastern elongation 1° 18' 19".



Survey of part of the Subdivision Lines of T. 11 S., R. 3 W.

At 8 hrs., a. m., l. m. t., I lay off the azimuth of Polaris 1° 18½' to the west, and mark the meridian thus determined by a tack in a peg driven firmly in the ground 15.00 chs. S.

March 10, 1924: At 9 hrs., 0 m., a. m., l. m. t., I set off 32° 34½' N. on the lat. arc; 4° 23' S on the decl. arc; and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon I set off 4° 21' S., on the decl. arc and observe the sun on the meridian; the resulting latitude is 32° 24½' which agrees with the calculated lat

At 4 hrs. 0 m., p. m., l. m. t., I set off 32° 34½' N. on the lat. arc, and 4° 19' S., on the decl. arc; and determine a meridian with the solar, which I find to agree within one minute of the true meridian.

As all of the solar observations during the usual hours of solar work come within 1' 30" of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

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

Beginning at the cor. of secs. 3, 4, 9 and 10, T. 11 S., R. 3 W., where work was discontinued May 31, 1920.

NOTE: This cor. had been destroyed by the Indians, and the post thrown away.

Reconstruct this corner as hereinbefore described.

- Chains N. 0° 2' W., bet. secs. 3 and 4.
- Over gently rolling land, thru scattering timber and dense undergrowth.
- Desc. 35 ft. over N. slope.
- 7.50 Wash, 20 lks. wide, course N. 70° W. Asc. 57 ft. over S. slope
- 18.00 Low ridge, bears E. and W. Desc. 40 ft. over N. slope.
- 23.00 Dry, rocky, wash, 20 lks. wide, course west. Asc. 23 ft. over S. slope.
- 28.00 Low spur, slopes W. Desc. 18 ft. over N. slope.
- 37.00 Wash, course SW. Asc. 12 ft. over SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for ¼ sec. cor., marked on brass cap

¼ P  
 S 4 | S 3 I  
 1924 R

No bearing trees available. Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Note: From, and including this corner, the marking "P L" has been omitted from the brass cap on the public land side.

Survey of part of the Subdivision Lines of T. 11 S., R. 3 W.

- Chains Ascend 12 ft., over S. slope.
- 44.00 Ridge, bears E. and W. Desc. 72 ft. over rolling NW. slope.
- 54.00 Draw, course NW. Asc. 29 ft. over SW. slope.
- 58.00 Spur, slopes NW. Desc. 84 ft. over NE. slope.
- 69.00 Dim road, bears NE. and SW.
- 70.08 Rocky, dry wash, 30 lks. wide, course N. 70° W. Asc. slightly to
- 71.40 Part of same dry wash, 50 lks. wide, course west. Asc. abruptly 48 ft. over rocky S. slope.
- 74.00 Rocky knoll. Desc. 34. ft. to
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T 10 S R 3 W  
 S 33 | S 34  
 S 4 | S 3  
 T 11 S  
 1924

P  
I  
R

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

Land; gently rolling.

Soil; rocky, 4th rate, limestone, caliche, volcanic formation.

Timber; scattering mesquite and palo verde.

Undergrowth; stunted growth of creosote brush, ocotillo, catclaw and buck brush.

Fair buffalo grass.

Survey of part of the Subdivision Lines of T. 10 S., R. 3 W.

Chains

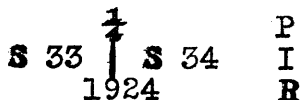
The following notes describe a survey of the meridional subdivision line through the middle of T. 10 S., R. 3 W., of the G. & S. R. B. & M., Arizona, which subdivisional line forms a boundary of the Papago Indian Reservation, the land east of said line being within said reservation.

From the cor. of secs. 3, 4, 33 and 34, on the south boundary of the township hereinbefore described. N. 0° 2' W., bet. secs. 33 and 34.

Over mountainous land, thru dense undergrowth.

Ascend over rocky S. slope. Desc. 17 ft. to

- 0.50 Shallow wash, course SW. Asc. 144 ft.
- 19.00 Rocky spur, slopes W. Desc. 55 ft. to
- 23.00 Head of wash, course west. Asc. 103 ft. to
- 26.00 Bluff, 30 ft. high, bears E. and W.
- 29.20 Edge of bluff, 40 ft. high, bears NE. and SW. Desc. 75 ft.
- 34.50 Dry rocky wash, 20 lks. wide, course NW. Asc. 51 ft. over S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

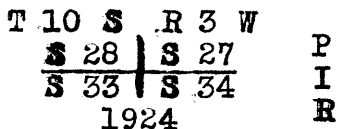


No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Asc. 159 ft. over steep rocky S. slope.

- 45.72 At this point raise a mound of stone 3 ft. base, 2 ft. high, on line, on top of ridge, bearing E. and W. Desc. 141 ft. over N. slope.

From this point a knoll bears east about 5. chs. dist.

- 48.25 Ledge 10 ft. high bears E. and W.
- 53.00 Dry wash, 15 links wide, course east. Asc. 17 ft. over SE. slope to
- 56.70 Wash, 50 links wide, course SE. Asc. 122 ft. over SW. slope to
- 75.80 Same wash, course SW. Asc. 194 ft. over S. slope to.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 27, 28, 33 and 34, marked on brass cap



No bearing trees available.  
 Land; mountainous.  
 Soil; rocky, 4th rate.  
 Timber; none.  
 Undergrowth; scrub palo verde, scrub mesquite, cat claw, ocotillo and giant cactus.  
 Fair grass.

N. 0° 2' W., bet. secs. 27 and 28. Over mountainous and gently rolling land, thru scattering undergrowth.

Asc. 315 feet over rugged south slope to

- 7.90 Stinson Peak. On top of peak raise a mound of stone 5 ft. base, 3 ft. high, on line. A high sharp rock bears N. 37° W.

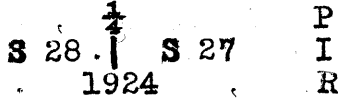
Descend 476 ft. over steep rugged north slope, to 1/4 sec. cor.

Survey of part of the Subdivision Lines of T. 10 S., R. 3 W.

Chains

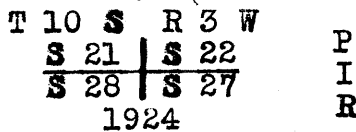
37.20 Dry wash, 20 lks. wide, course NE.  
39.00 Wash, 10 lks. wide, course E. Ascend 16 ft. over gradual S. slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap



No bearing trees available. Raise a mound of stone 3 ft. base, 1 1/2 ft. high W. of cor. Asc. along gradual S. slope of divide from 1/4 sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, deposit a stone 4 x 4 x 2 ins., marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 21, 22, 27 and 28, marked on brass cap



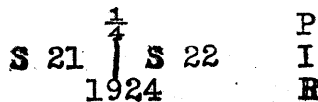
No bearing trees available. From this cor. a sharp rock pinnacle, about 150 ft. high, bears S. 86° W.

Land; mountainous and rolling.  
Soil; rocky, 3rd and 4th rate, volcanic formation.  
Timber; none.

Undergrowth; scrub palo verde, ironwood, catclaw, ocotillo, scrub oak and cactus.

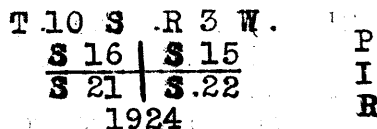
N. 0°-2' W., bet. secs. 21 and 22.  
Over rolling land, thru dense undergrowth.  
Asc. 173 ft. over steep rocky S. slope.  
6.50 Top of rocky spur sloping west. At this point raise a mound of stone 4 ft. base, 2 ft. high, on line.  
Desc. 521 ft. over N. slope to 1/4 sec. cor.

25.28 Cliff, bears east about 4. chains dist.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap



No bearing trees available. Desc. 168 ft. over NW. slope to  
77.37 Dry wash, 50 lks. wide, course NW. Asc. 17 ft. over gradual SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked on brass cap



No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.  
Land; rolling.  
Soil; rocky, 3rd and 4th rate.

Survey of part of the Subdivision lines of T. 10 S., R. 3 W.

Chains Timber; none.  
Undergrowth; Scrub palo verde, catclaw, greasewood, ocotillo and giant cactus.

N. 0° 2' W., bet. secs. 15 and 16.  
Over mountainous and rolling land, through dense undergrowth.

30.00 Asc. 592 ft. over gradual SW. slope to 1/4 sec. cor.  
Rocky ravine, 100 lks. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, deposit a stone 3 x 4 x 5 ins., marked with a cross (X) at base of post, and raise a mound of stone 5 ft. base 2 1/2 ft. high around post, for 1/4 sec. cor., marked on brass cap.

1/4  
S 16 | S 15 P  
1924 I  
R

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high west of cor.

41.23 Asc. steep rugged S. slope 18 ft. to  
Edge of mesa, course NW. and SE., continue over same.

64.25 Desc. 153 ft. over gradual N. slope to Sec. cor.

64.38 At this point raise a mound of stone 4 ft. base, 2 ft. high, on line.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, deposit a stone 10 x 12 x 12 ins. marked with a cross (X) at base of post, and raise a mound of stone, 5 ft. base, 2 1/2 ft. high, around post, for cor. of secs. 9, 10, 15 and 16, marked on brass cap

T 10 S R 3 W  
S 9 | S 10 P  
S 16 | S 15 I  
1924 R

No bearing trees available.  
Land; mountainous and rolling mesa.  
Soil; rocky, 4th rate, volcanic formation.  
Timber; none.  
Undergrowth; scattering scrub palo verde, catclaw, ocotillo, creosote brush and giant cactus.

N. 0° 2' W., bet. secs. 9 and 10.  
Over rolling land, thru dense brush.

Desc. 127 ft. over steep N. slope, over large boulders.

8.27 Wash, 20 lks. wide, course NE. Asc. 57 ft. over SW. slope  
13.30 Change to steep NE. slope along west edge of canyon, and desc. 80 ft. to

18.20 Same wash, course N. 20° W. Asc. 14 ft. over NE. slope to

21.20 Change to, and desc. 114 ft. over NW. slope to

30.50 Same wash, course NE. Asc. 129 ft. over SE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap

1/4  
S 9 | S 10 P  
1924 I  
R

No bearing trees available.  
Desc. 17 ft. over N. slope.

43.12 At this point raise a mound of stone 5 ft. base, 4 ft. high, on line. Desc. 106 ft. to

58.00 From this point desc. 385 ft. over rolling E. slope to

Survey of part of the Subdivision Lines of T. 10 S., R. 3 W.

Chains  
380.00

Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, deposit a stone 3 x 6 x 6 ins., mkd. with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 3, 4, 9 and 10, marked on brass cap

T 10 S R 3 W  
S 4 | S 3  
S 9 | S 10  
1924  
P  
I  
R

No bearing trees available.  
Land; rolling, volcanic formation.  
Soil; rocky, 4th rate.  
Timber; none.  
Undergrowth; scrub palo verde, scrub mesquite, catclaw, greasewood, ocotillo, and giant cactus.  
Fair grass.

N. 0° 2' W., bet. secs. 3 and 4.  
Over-rolling and broken NE. slope, thru dense brush.  
Desc. 92 ft.

5.00 Thence over desert flat. Desc. 18 ft.  
15.00 Dry rocky wash, 50 lks. wide, course NW. Desc. 59 ft. to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

S 4 | S 3  
1924  
P  
I  
R

67.50 No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Desc. 42 ft. to Wash, 20 lks. wide, course NE. Asc. 18 ft. over gradual SE. slope  
68.00 Old road, bears E. & W. Asc. 18 ft. to  
82.00 Change to gradual NE. slope. Desc. 29 ft. to  
88.35 Intersect the Second Standard Parallel South 9.28 chs. west of the point for the standard 1/4 sec. cor. of sec. 33, established by me on March 29, 1924, and hereinafter described

At point of intersection set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for closing cor. of secs. 3 and 4, marked on brass cap

T 9 S  
C | C  
S 4 | S 3  
T 10 S R 3 W  
1924  
P  
I  
R

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high S. of cor. This cor. is about 5.00 chs. NE. of summit of knoll.

Land; level and rolling.  
Soil; 3rd and 4th rate.  
Timber; none.  
Undergrowth; dense growth of scrub mesquite, scrub palo verde, greasewood and ocotillo.

Resurvey of the Second Standard Parallel South, thru Range 1 West.

Chains The Second Standard Parallel South thru R. 1 W., was surveyed by L. Wolfley, U. S. D. S., in 1893, who re-established the cor. of Ts. 9 and 10 S., Rs. 1 E. and 1 W., on the G. & S. R. Meridian by a resurvey of the meridian north 6 miles thru T. 10 S..

The meridian thru T. 10 S., as independently resurveyed by me in 1914 is nearly 3-4 of a mile east of the position of same line by the Wolfley resurvey.

As there is no accepted surveyed land tied to the 2nd Std. Par. S. in R. 1 W., the line is subject to rectification by an independent resurvey, which is now executed as described in the following notes. The line forms a boundary of the Papago Indian Reservation, the land south thereof being within said reservation.

The cor. of Ts. 9 and 10 S., Rs. 1 E. and 1 W., on the G. & S. R. Meridian, reestablished by me in 1914 is an iron post, 3 ins. in diam., projecting 36 ins. above ground, firmly set in a mound of stone, properly mkd. on brass cap and witnessed by a md. of stone S. of cor. No bearing trees.

Thence

West, on true line on S. bdy. of sec. 36, T. 9 S., R. 1 W. Over mountainous land, thru dense undergrowth.

Asc. 72 ft. over NE. slope.

7.42 Ridge, bra. NW. and SE. Desc. 223 ft. over SW. slope.

20.98 Wash, 30 lks. wide, in gulch, course SE. Asc. 143 ft. over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, deposit a stone, mkd. with a cross (X) at base of post and raise a md. of stone around post, for std. 1/4 sec. cor. of sec. 36, marked on brass cap

S C  
1/4 S 36  
1924

No bearing trees available. Raise a md. of stone, 3 ft. base, 2 ft. high, N. of cor. Asc. 52 ft. over NE. slope.

45.00 Point of spur, slopes NE. Asc. 62 ft. over NE. slope

56.38 Old standard cor. of Ts. 9 and 10 S., Rs. 1 E. and 1 W., established by Wolfley in 1893, located by me in 1914. Cor. bears N. 7.17 chs. dist. I destroy the old cor.

57.30 Spur, slopes N. Desc. 90 ft. over NW. slope.

66.70 Ravine, 500 lks. wide, heads 10. chs. SW., course NE. Asc. 96 ft. over SW. slope.

70.17 Spur, slopes NE. Desc. 101 ft. over NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, and raise a md. of stone around post for std. cor. of secs. 35 and 36, marked on brass cap

S C  
T 9 S R 1 W  
S 35 | S 36  
P I R  
1924

No bearing trees available. Raise a md. of stone 5 ft. base, 2 ft. high N. of cor.

Land; mountainous.

Soil; 3rd and 4th rate, volcanic formation.

Timber; none.

Undergrowth; scrub mesquite and palo verde, greasewood, ocotillo, giant cactus, and cat claw.

## Resurvey of the Second Standard Parallel South, thru Range 1 West.

- Chains West, on a true line on S. bdy. of Sec. 35.  
Over mountainous land, thru dense undergrowth.  
Desc. NW. slope.
- 1.20 Wash, course NE. Asc. 42 ft. over NW. slope.  
2.50 Point, sloping south. Desc. 29 ft. over SW. slope.  
7.50 Same wash, course SE., Asc. 150 ft. over SW. slope.  
15.15 Old std.  $\frac{1}{4}$  sec. cor. of sec. 36 brs. North 7.00 chs.  
dist. I destroy same.  
25.32 At this point raise a mound of stone 3 ft. base, 2 ft.  
high on line.  
25.50 Ridge, brs. NW. and SE. Desc. 219 ft. over SW. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in  
the ground to bed rock, raise a md. of stone around  
post for std.  $\frac{1}{4}$  sec. cor. of Sec. 35, marked on brass  
cap

S C  
 $\frac{1}{4}$  S 35  
P I R  
1924

- No bearing trees available. Raise a mound of stone  $3\frac{1}{2}$   
2 ft. base  $1\frac{1}{2}$  ft. high N. of cor. Continue desc. 19  
ft. over W. slope.
- 44.70 Wash, 50 lks. wide, course south. Asc. 252 ft. over  
rocky E. slope.  
55.95 Old std. cor. of secs. 35 and 36, bears N. 5.88 chs.  
dist., a malpais stone 20 x 10 x 6 ins. in a md. of  
stone, properly marked. I destroy this cor.  
56.00 Spur, slopes SE. Desc. 69 ft. over SW. slope.  
68.50 Rocky wash, course SE. Asc. 181 ft. over NE. slope.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins.  
in the ground to bed rock, deposit a stone mkd. with  
a cross (X) at base of post, and raise a md. of stone  
around post for std. cor. of secs. 34 and 35, marked  
on brass cap

S C  
T 9 S R 1 W  
S 34 | S 35  
P I R  
1924

No bearing trees available.  
Land; mountainous.  
Soil; rocky, 4th rate, volcanic formation.  
Timber; none.  
Undergrowth; scrub palo verde and mesquite, greasewood,  
ocotillo and catclaw.

- West, on a true line on the south bdy. of sec. 34.  
Over mountainous land, thru dense undergrowth.  
Desc. 30 ft. over NW. slope.
- 3.70 Ravine, course NE. Asc. 106 ft. over SE. slope.  
12.40 At this point, on spur sloping south, raise a md. of  
stone, 4 ft. base, 3 ft. high, on line. Desc. 14 ft.  
over gradual N. slope.  
15.80 Old std.  $\frac{1}{4}$  sec. cor. bears N. 6.20 chs. dist., a malpais  
stone 16 x 10 x 6 ins. in a md. of stone, marked S C  $\frac{1}{4}$   
on N. face. I destroy old cor. Desc. 40 ft. over  
SW. slope.  
23.00 Ravine, 50 lks. wide, course NW. Asc. 12 ft. over NE.  
slope.  
32.40 Ravine 150 lks. wide, course N. Asc. 14 ft. over E. slope  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
the ground to bed rock, deposit a stone mkd. with a  
cross (X) at base of post, and raise a md. of stone  
around post for std.  $\frac{1}{4}$  sec. cor. of sec. 34, marked  
on brass cap



## Resurvey of the Second Standard Parallel South, thru Range 1 West.

Chains

S C  
 $\frac{1}{2}$  S 34  
 PIR  
 1924

- No bearing trees available. Raise a md. of stone 3 ft. base 2 ft. high, N. of cor. Asc. 88 ft. over gradual E. slope.
- 47.35 Spur, slopes north. At this point raise a md. of stone 3 ft. base, 2 ft. high on line. Desc. 40 ft. over NW. slope.
- 54.70 Desc. abruptly 74 ft. over NW. slope.
- 56.00 Old std. cor. of secs. 34 and 35, bears north 6.00 chs. dist, a malpais stone 20 x 10 x 4 ins. in md. of stone, properly marked. I destroy old cor.
- 60.00 Asc. steep NE. slope. Asc. 46 ft.
- 63.80 Rocky spur slopes N. Desc. 92 ft. along N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for std. cor. of secs. 33 and 34, marked on brass cap

S C  
 T 9 S R 1 W  
 $\frac{1}{2}$  S 33 | S 34  
 PIR  
 1924

No bearing trees available. Raise a md. of stone 3 ft. base 2 ft. high N. of cor.  
 Land; mountainous, covered with boulders, difficult to ch.  
 Soil; 4th rate, volcanic surface.  
 Timber; none.  
 Undergrowth; dense growth of scrub palo verde, ocotillo, and giant cactus.

- West, on a true line on the south boundary of sec. 33. Over rolling, broken and rocky surface, thru dense brush. Desc. 29 ft. over NE. slope.
- 6.80 Head of ravine, course SW. Asc. 13 ft. along gradual S. slope
- 15.00 Head of wash, course S.
- 15.97 Old std.  $\frac{1}{2}$  sec. cor. of sec. 34, bears N. 4.54 chs., mkd. and witnessed as described by Surveyor General. I destroy old cor.
- 18.80 Desc. 138 ft. over steep SW. slope into canyon.
- 37.60 Bottom of canyon, course S. 60° E. Asc. 26 ft. on steep NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for std.  $\frac{1}{2}$  sec. cor. of sec. 33, marked on brass cap.

S C  
 $\frac{1}{2}$  S 33  
 P I R  
 1924

- No bearing trees available. Raise a md. of stone 5 ft. base 3 ft. high N. of cor. Continue asc. 13 ft. over NE. slope to
- 57.65 Old std. sec. cor. of secs. 33 and 34, brs. North 4.50 chs., mkd. and witnessed as described by Surveyor General. I destroy old cor. Asc. 42 ft. over E. slope.
- 62.00 Head same canyon, course N. 80° E. Asc. 89 ft. over SE. slope to sec. cor.

## Resurvey of the Second Standard Parallel South, thru Range 1 West.

Chains

80.00 Set an iron post 3 ft. long, 2 ins. in diam., on bed rock over a cross marked at exact cor. point, and raise a md. of stone around post, for std. cor. of secs. 32 and 33, marked on brass cap

S C  
T 9 S R 1 W  
S 32 | S 33  
P I R  
1924

No bearing trees available.  
Land; rolling, broken and rocky.  
Soil; rocky, 4th rate, volcanic formation.  
Timber; none.  
Undergrowth; scrub palo verde and mesquite, greasewood, ocotillo, cat claw and giant cactus.

West, on a true line on south bdy. of sec. 32.  
Over gently rolling and mountainous land, thru dense brush.  
Desc. gradually 180 ft. over rugged W. slope to  $\frac{1}{4}$  sec. cor.

- 5.31 At this point raise a md. of stone 4 ft. base 2 ft. high, on line.
- 11.00 Ridge, brs. N. and S.
- 17.64 Old std.  $\frac{1}{4}$  sec. cor. of sec. 33, brs. N. 5.00 chs. dist., a volcanic stone 14 x 12 x 6 ins. in md. of stone, mkd. S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 18.20 Trail brs. N. and S.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone mkd. with a cross (X) at base of post, and raise a md. of stone around post, for std.  $\frac{1}{4}$  sec. cor. of sec. 32, mkd. on brass cap

S C  
 $\frac{1}{4}$  S 32  
P I R  
1924

- 40.56 No bearing trees available. Asc. 6 ft. Stock trail, brs. N. and S.
- 43.00 Begin 43 ft. desc. over rugged SW. slope. At this point raise a md. of stone 3 ft. base, 2 ft. high, on line. Continue desc. 97 ft. over SW. slope, to
- 57.07 Old md. of stone 2 ft. base, 1 ft. high, on line.
- 57.54 Old std. cor. of secs. 32 and 33, bears N. 5.90 chs. dist., stone 12 x 12 x 6 ins., mkd. with 4 grooves on E. and 2 grooves on W. faces, S C on N. face, in md. of stone. I destroy this cor. Desc. 109 ft. over W. slope to
- 67.00 Enter basin, brs. N. and S. Continue desc. 18 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for std. cor of secs. 31 and 32, mkd. on brass cap

S C  
T 9 S R 1 W  
S 31 | S 32  
P I R  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.  
Land; rolling and mountainous.  
Soil; rocky, 4th rate, volcanic formation.  
No timber.  
Undergrowth; scrub palo verde and mesquite, ocotillo, cholla, catclaw, and giant cactus.

## Resurvey of the Second Standard Parallel South, thru Range 1 West.

- Chains West, on a true line on south bdy. of sec. 31.  
Over mountainous land, thru dense undergrowth.  
Over gentle NE. slope, asc.
- 4.20 Wash, 50 lks. wide, course SE. Asc. 395 ft. over E. slope
- 13.00 Leave basin, bears N. and S. This basin extends north  
about 1-2 mile.
- 17.73 Old std.  $\frac{1}{4}$  sec. cor., sec. 32 bears N. 6.06 chs. dist.,  
a stone 8 x 8 x 4 ins. in mound of stone, mkd. S C  $\frac{1}{4}$   
on N. face. I destroy old cor.
- 25.25 Ridge bears N. and S. Desc. 202 ft. over steep rocky  
W. slope to
- 32.10 Bottom of wash, 20 lks. wide, course north. Asc. 201  
ft. over steep rocky E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
the ground to bed rock, deposit a stone marked with a  
cross (X) at base of post, and raise a md. of stone  
around post, for std.  $\frac{1}{4}$  sec. cor. of sec. 31, marked  
on brass cap

S C  
 $\frac{1}{4}$  S 31  
P I R  
1924

- No bearing trees available. Asc. 171 ft. over E. slope.
- 54.00 Spur, slopes north. Desc. 47 ft. over W. slope.
- 57.37 Old std. cor. of secs. 31 and 32, bears North, 6.00 chs.  
dist., a stone 24 x 16 x 8 ins. in a md. of stone,  
properly marked. I destroy this cor. Desc. 75 ft.  
over NW. slope.
- 60.00 Draw, course NE. Asc. 151 ft. over E. slope.
- 67.05 Ridge, brs. N. and S. At this point raise a md. of stone  
3 ft. base, 2 ft. high, on line. Desc. 154 ft. over  
W. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., (no 3 inch  
post available) 10 ins. in ground to bed rock, deposit  
a stone marked with a cross (X) at base of post, and  
raise a mound of stone around post, for std. cor. of  
T. 9 S., Rs. 1 and 2 W., marked on brass cap

S C  
T 9 S  
R 2 W | R 1 W  
S 36 | S 31  
P I R  
1924

No bearing trees available.  
Land; mountainous.  
Soil; rocky, 4th rate, volcanic formation.  
Timber; none.  
Undergrowth; scrub palo verde and mesquite, greasewood,  
catclaw, ocotillo, and giant cactus.

## Resurvey of the Second Standard Parallel South, thru Range 2 West.

Chains The Second Standard Parallel South thru R. 2 W., was surveyed by L. Wolfley, U. S. D. S., in 1893,

As there is no accepted surveyed land tied to the 2nd Std. Par. S. in R. 2 W., the line is subject to rectification by an independent resurvey, which is now executed as described in the following notes. The line forms a boundary of the Papago Indian Reservation, the land south thereof being within said reservation.

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From the std. cor. of T. 9 S., Rs. 1 and 2 W., hereinbefore described.

West, on a true line on S. bdy. of Sec. 36.

Over mountainous and gently rolling land, thru dense undergrowth.

Desc. 389 ft. over steep rocky west slope.

17.20 Wash, 10 lks. wide, in bottom of gulch, course NW. Asc. 221 ft. over steep rocky NE. slope of spur.

No trace of old std.  $\frac{1}{4}$  sec. cor.

27.90 Spur, slopes N. 20° W. At this point raise a md. of stone, 3 ft. base, 2 ft. high, on line. Desc. 407 ft. over W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, deposit a stone marked with a cross (X) at base of post, and raise a md. of stone around post, for std.  $\frac{1}{4}$  sec. cor., of sec. 36, marked on brass cap

S C  
 $\frac{1}{4}$  S 36  
P I R  
1924

No bearing trees available. Continue desc. 76 ft. over SW. slope, over rolling land.

48.30 Wash, 50 lks. wide, course NW. Continue desc. 27 ft. over SW. slope.

57.52 Old std. cor. of T. 9 S., Rs. 1 and 2 W., bears North 7.30 chs., an old palo verde post, badly decayed, in md. of stone 4 ft. base, 2 ft. high. I destroy this cor. Asc. gradually 30 ft. over NE. slope.

70.50 Rocky wash, 70 lks. wide, course NE. Thence over level land.

80.00 Round dome, brs. south about 1 mile dist.

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for std. cor. of secs. 35 and 36, marked on brass cap

S C  
T 9 S R 2 W  
S 35 | S 36  
P I R  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.

Land; mountainous and rolling

Soil; rocky, 4th rate, volcanic formation.

Timber; none.

Undergrowth; scrub palo verde and mesquite, cat claw, ocotillo and giant cactus.

West, on true line, on South bdy. of Sec. 35.

Over mountainous land, thru dense brush.

Over level land.

2.00 Leave level land, Asc. 362 ft. abruptly, over rocky NE. slope.

Resurvey of the Second Standard Parallel South, thru Range 2 West,

Chains

- 17.52 No trace of old std.  $\frac{1}{4}$  sec. cor.
- 18.46 Spur, slopes North. Raise a md. of stone 3 ft. base, 2 ft. high, at this point, on line. Desc. 107 ft. over NW. slope.
- 23.52 Rocky gulch, course North. Asc. 246 ft. over steep NE. slope.
- 34.00 Rocky spur, slopes North. Desc. 122 ft. over west slope.
- 37.23 Short gulch heads about 7.00 chs. S. of line, course N. Asc. 48 ft. over precipitous E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a md. of stone around post, for std.  $\frac{1}{4}$  sec. cor. of sec. 35, marked on brass cap

S C  
 $\frac{1}{4}$  S 35  
 P I R  
 1924

- No bearing trees available. Asc. 387 ft. over steep rocky NE. slope.
- 52.78 Top of bluff, 50 ft. high, brs. NW. and SE. At this point raise a md. of stone 5 ft. base, 3 ft. high, on line. Desc. 74 ft. over W. slope to
- 57.20 Head of ravine, course north. Asc. 73 ft. over NE. slope
- 57.52 North 7.30 chains, no trace of old std. cor. of secs. 35 and 36, falls on slide rock.
- 62.00 Bluff, 60 ft. high, brs. NW. and SE. Desc. 595 ft. over large boulders on steep rugged west slope of mountain.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for the std. cor. of secs. 34 and 35, marked on brass cap

S C  
 T 9 S R 2 W  
 S 34 | S 35  
 P I R  
 1924

No bearing trees available.  
 Land; mountainous.  
 Soil; rocky, 4th rate, volcanic formation.  
 Timber; none.  
 Undergrowth; scrub palo verde and mesquite, catclaw brush, greasewood, ocotillo, cholla, scrub oak and giant cactus.

- West, on a true line, on S. bdy. of sec. 34. Over mountainous land, thru dense undergrowth. Desc. 380 ft. over steep rocky west slope.
- 18.95 Old std.  $\frac{1}{4}$  sec. cor. of sec. 35, bears north 8.50 chs., a stone in place 2 ft. x 2 $\frac{1}{2}$  ft. x 1 ft., mkd. with cross (X) S C  $\frac{1}{4}$  N. of cross. I destroy this cor.
- 27.30 Wash, 50 lks. wide, course N. Over level ground.
- 32.00 Trail brs. N. & S.
- 36.00 Wash, 100 lks. wide, course N. Asc. abruptly 64 ft. over rocky E. slope of mountain.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a md. of stone around post, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

Resurvey of the Second Standard Parallel South, thru Range 2 West.

Chains

S C  
 $\frac{1}{4}$  S 34  
 P I R  
 1924

- No bearing trees available. Asc. 501 ft. over steep NE. slope.
- 61.00 High mountain near south end, brs. NW. & SE. At this point raise a md. of stone 5 ft. base, 3 ft. high on line. Desc. steep SW. slope 512 ft. to sec. cor., and over cliff 100 ft. high.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for std. cor. of secs. 33 and 34, marked on brass cap

S C  
 T 9 S R 2 W  
 S 33 | S 34  
 P I R  
 1924

No bearing trees available.  
 Land; mountainous.  
 Soil; rocky; 4th rate, volcanic formation.  
 Timber; none.  
 Undergrowth; scrub palo verde and mesquite, greasewood, ocotillo and catclaw.

- West, on true line, on S. bdy. of sec. 33.  
 Over gently rolling and level land, thru dense undergrowth.  
 Desc. 129 ft. to draw, over NW. slope.
- 0:50 Wash, 50 lks. wide, course SW.
- 17.92 Old std.  $\frac{1}{4}$  sec. cor., brs. North 8.40 chs., a stone 14 x 12 x 4 ins. in md. of stone, mkd. S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 23.00 Draw, course NW. Asc. 18 ft. over gradual NE. slope.
- 28.36 Low ridge, brs. NW. and SE. At this point raise a md. of stone 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, on line. Desc. 63 ft. over gradual SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in for std.  $\frac{1}{4}$  sec. cor. of sec. 33, marked on brass cap

S C  
 $\frac{1}{4}$  S 33  
 P I R  
 1924

- From which  
 An iron wood 4 ins. in diam., brs. N. 71° W., 68 lks. dist., marked S C B T.  
 No other tree available. Raise a md. of stone 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Thence over nearly level land draining to the SW.
- 54.80 Wash, 20 lks. wide, course NW.
- 55.00 Stock trail, brs. N. and S.
- 57.57 Old std. cor. of secs. 33 and 34, brs. North 7.70 chs. dist., a stone 15 x 12 x 6 ins. in md. of stone, mkd. with 3 grooves on E. and W. faces, SC. on N. face. I destroy this cor.
- 66.80 Wash, 70 lks. wide, course NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for std. cor. of secs. 32 and 33, with brass cap marked

## Resurvey of the Second Standard Parallel South, thru Range 2 West.

Chains

S C  
T 9 S R 2 W  
S 32 | S 33  
P I R  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.  
Land; level and gently rolling.  
Soil; 2nd, 3rd and 4th rate, volcanic formation.  
Timber; scattering ironwood and mesquite.  
Undergrowth; scrub mesquite, palo verde and ironwood, greasewood, ocotillo, catclaw, and giant cactus.

- West, on a true line, on S. bdy. of Sec. 32.  
Over level and gently rolling land, thru dense undergrowth.  
Asc. 18 ft. over E. slope of ridge.
- 8.30 Low ridge, brs. NW. and SE. At this point raise a md. of stone 5 ft. base, 4 ft. high, on line. Over nearly level land.
- 18.28 Old std.  $\frac{1}{4}$  sec. cor. of sec. 33, brs. North 8.20 chs., a stone 10 x 12 x 18 ins. in a md. of stone, mkd. S C  $\frac{1}{4}$  on N. face. I destroy this cor. Continue over nearly level land to std.  $\frac{1}{4}$  sec. cor.
- 18.60 Dim road, brs. NW. and SE.
- 23.00 Butte brs. South about 50.00 chs. dist.
- 28.00 " " " " 30.00 " "
- 33.00 " " " " 30.00 " "
- 34.30 Ravine 200 lks. wide, course NW. Asc. 18 ft. over gradual E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for std.  $\frac{1}{4}$  sec. cor. of sec. 32, mkd. on brass cap.

S C  
 $\frac{1}{4}$  S. 32  
P I R  
1924

- No bearing trees available. Raise a md. of stone, 3 ft. base, 2 ft. high N. of cor.  
Asc. 46 ft. over rocky E. slope.
- 46.00 Spur, slopes north. Desc. 72 ft. over west slope.
- 56.40 Ravine, 100 lks. wide, 20 ft. deep, course NW. Over gently rolling ground to std. sec. cor.
- 58.63 Old std. cor. of secs. 32 and 33, brs. North 8.30 chs. dist., a stone 10 x 12 x 14 ins. in md. of stone, mkd. with 4 notches on E., and 2 notches on W. faces, S C on N. face in md. of stone 3 ft. base, 2 ft. high. I destroy this cor.
- 72.20 Wash, 50 lks. wide, course north.
- 73.20 Gila Bend and Cazlon road, brs. N. and S.
- 73.85 At this point raise a md. of stone, 3 ft. base, 2 ft. high, on line. (No trace of the old md. of stone recorded in the orig. field notes at 18.75 chs.)
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for std. cors. of secs. 31 and 32, mkd. on brass cap.

S C  
T 9 S R 2 W  
S 31. | S 32  
P I R  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high N. of cor.  
An Indian village, brs. S. about 3 miles dist.

Resurvey of the Second Standard Parallel South, thru Range 2 West.

Chains Land; level and gently rolling.  
 Soil; 3rd and 4th rate, caliche and volcanic formation.  
 Timber; none.  
 Undergrowth; scrub palo verde and mesquite, greasewood,  
 catclaw, ocotillo and giant cactus.

West, on a true line on the south boundary of Sec. 31.  
 Over gently rolling land, thru dense brush.  
 Asc. 143 ft. over gradual SW. slope, to  $\frac{1}{4}$  sec. cor.  
 18.50 Old std.  $\frac{1}{4}$  sec. cor. of sec. 32, brs. North 8.30 chs., a  
 volcanic stone 15 x 12 x 8 ins. in a md. of stone,  
 mkd. S C  $\frac{1}{4}$  on N. face. I destroy this cor.  
 22.10 Wash, 20 lks. wide, course NW.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in  
 the ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 around post, for std.  $\frac{1}{4}$  sec. cor. of sec. 31, marked  
 on brass cap

S C  
 $\frac{1}{4}$  S 31  
 P I R  
 1924

No bearing trees available. Asc. 43 ft. over NE. slope.  
 44.00 Spur slopes N. At this point raise a md. of stone 3 ft.  
 base 2 ft. high, on line. Desc. 139 ft. over W.  
 slope.  
 58.40 Rocky wash, 20 lks. wide, course NW. Asc. 66 ft. over  
 NE. slope, to top of ridge  
 58.50 No trace of old std. cor. of secs. 31 and 32.  
 69.65 At this point raise a md. of stone, 3 ft. base, 2 ft.  
 high, on line.  
 Low ridge, in saddle, brs. NW and SE. Desc. 63 ft. to  
 sec. cor., over SW. slope.  
 74.00 Wash, course NW., asc. SE. slope.  
 75.00 End of spur, slopes N. Desc. NW. slope.  
 79.00 Same wash, course S. 70° W.  
 80.00 Set an iron post, 3 ft. long, 5 ins. in diam., 12 ins. in  
 ground to bed rock, deposit a stone marked with a  
 cross (X) at base of post, and raise a mound of stone  
 4 ft. base, 1 $\frac{1}{2}$  ft. high, around post for std. cor.  
 of T. 9 S., Rs. 2 and 3 W., marked on brass cap

S C  
 T 9 S  
 R 3 W | R 2 W  
 S 36 | S 31  
 P I R  
 1924

No bearing trees available. Raise a md. of stone 4 ft.  
 base 2 ft. high N. of cor.  
 Land; gently rolling.  
 Soil; rocky, 4th rate granite formation.  
 Timber; none.  
 Undergrowth; scrub palo verde and mesquite, greasewood,  
 ocotillo and giant cactus.



Resurvey of the East four miles of the Second Standard Parallel South, thru Range 3 West.

Chains The Second Standard Parallel South thru R. 2 W., was surveyed by L. Wolfley, U. S. D. S., in 1893.

As there is no accepted surveyed land tied to the 2nd Std. Par. S. in R. 3 W., the line is subject to rectification by an independent resurvey, which is now executed as described in the following notes. The east four miles of this line forms a boundary of the Papago Indian Reservation, the land south thereof being within said reservation.

From the std. cor. of T. 9 S., Rs. 2 and 3 W., hereinbefore described.

West, on true line, on S. bdy. of sec. 36.

Over broken, rocky, mountainous land, thru dense undergrowth.

Asc. 9 ft. over NE. slope.

- 2.00 Desc. 54 ft. over SW. slope, to
9.25 Same wash described on south bdy. Sec. 31, T. 9 S., R. 2 W., course NW. Asc. 12 ft. over NE. slope to
18.46 Old std. 1/4 sec. cor. sec. 31, brs. North 8.80 chs., a volcanic stone 14 x 12 x 5 ins. in md. of stone mkd. S C 1/4 on N. face. I destroy this cor. Continue asc. 20 ft. over NE. slope to
32.00 Change to steep rocky E. slope of hill, asc. 223 ft. to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post for std. 1/4 sec. cor. of sec. 36, marked on brass cap

S C
1/4 S 36
P I R
1924

No bearing trees available. Continue steep asc. over E. slope 40 ft. to

- 41.60 Hill 309 ft. above surrounding levels. At this point raise a md. of stone 5 ft. base, 3 ft. high, on line. Desc. 91 ft. over W. slope.
44.00 Head of wash, course NW.
51.20 Ridge brs. NW. and SE. Desc. 125 ft. over SW. slope to
58.07 Old std. cor. of T. 9 S., Rs. 2 and 3 W. bears North 8.52 chs., a limestone 18 x 12 x 16 ins. in md. of stone marked with 6 grooves on E., W., and N., and S C on N., faces. I destroy this cor. Desc. 75 ft. over W. slope.
63.00 Trail brs. N. and S., thru saddle in divide.
From this point an Indian village bears south about one mile. Good well of water at village.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in ground to bed rock, deposit a stone marked with a cross at base of post, and raise a mound of stone around post, for std. cor. of secs. 35 and 36, marked on brass cap

S C
T 9 S R 3 W
S 35 | S 36
P I R
1924

No bearing trees available.
Land; broken and mountainous.
Soil; rocky, 4th rate, volcanic formation.
Timber; none.
Undergrowth: scrub palo verde and mesquite, greasewood, ocotillo, and giant cactus.

Resurvey of the East four miles of the  
Second Standard Parallel South, thru Range 3 West.

- Chains West, on a true line on the south boundary of Sec. 35.  
Over rolling and nearly level land, thru dense brush.  
Desc. 86 ft. over S. slope to
- 18.30 Old std.  $\frac{1}{4}$  sec. cor. of sec. 36, brs. North, 8.50 chs.  
dist., a volcanic stone 14 x 10 x 4 ins. in md. of  
stone, mkd. S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 20.50 Dry wash, 70 lks. wide, course North.
- 35.30 Old road bears NW. and SE., from Indian village to Gila  
Bend.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for std.  $\frac{1}{4}$  sec. cor. of sec. 35, marked  
on brass cap

S C  
 $\frac{1}{4}$  S 35  
P I R  
1924

- No bearing trees available. Raise a md. of stone 4 ft.  
base, 2 ft. high N. of cor. Over level land.
- 44.80 Old road bears NW. and SE.
- 50.00 Drain, course NW.
- 52.50 Drain, course NW.
- 58.30 Old std. cor. of secs. 35 and 36, brs. North 8.50 chs.,  
a limestone 14 x 12 x 4 ins. in md. of stone, mkd.  
with 1 groove on E., and 5 grooves on W. face, S C  
on N. face. I destroy this cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., set 10  
ins. in ground to bed rock, deposit a stone marked  
with a cross (X) at base of post, and raise a mound  
of stone around post, for std. cor. of secs. 34  
and 35, marked on brass cap

S C  
T 9 S R 3 W  
 $\frac{1}{4}$  S 34 | S 35  
P I R  
1924

No bearing trees available.  
Land; rolling and nearly level.  
Soil; 2nd and 3rd rate.  
Timber; none.  
Undergrowth; scrub palo verde and mesquite, dense grease-  
wood, ocotillo, cactus and giant cactus.

- West, on a true line, on the south boundary of Sec. 34.  
Over rolling land, thru dense brush.  
Desc. 23 ft. over SW. slope to
- 17.50 Rocky wash, 30 lks. wide, course N. 30° W. Asc. 85 ft.  
over E. slope.
- 17.70 Old std.  $\frac{1}{4}$  sec. cor. Sec. 35, brs. North 8.45 chs. dist.,  
14 x 10 x 8 ins. in md. of stone marked S C  $\frac{1}{4}$  on N.  
face. I destroy this cor.
- 22.15 Round hill. At this point raise a md. of stone, 4 ft.  
base, 3 ft. high, on line. Desc. 34 ft. over W. slope.
- 27.00 Shallow wash, 50 lks. wide, course North. Asc. 12 ft.  
over E. slope to
- 40.00 True point for std.  $\frac{1}{4}$  cor. of sec. 34 falls on rock in  
place 36 x 32 x 12 ins. above ground. Cut a cross  
(X) at exact cor. point, mkd. S C  $\frac{1}{4}$  N. of cross,
- 40.04 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
the ground to bed rock, deposit a stone marked with  
a cross (X) at base of post, and raise a md. of stone  
around post, for W C to std.  $\frac{1}{4}$  sec. cor. of sec. 34,  
marked on brass cap

W C S C  
 $\frac{1}{4}$  S 34  
P I R  
1924

Resurvey of the East four miles of the  
Second Standard Parallel South, thru Range 3 West.

- Chains No bearing trees available.  
41.50 Dry wash, 50 lks. wide, course North. Asc. 175 ft. over gradual S. slope  
58.68 Old Std. cor. secs. 34 and 35, brs. North, 8.50 chs., a granite stone 12 x 10 x 4 ins., in md. of stone, mkd. 2 grooves on E., and 4 grooves on W., S C on N. faces. I destroy this cor.  
68.70 Ridge, brs. N. & S. At this point, on S. slope of rocky hill, raise a md. of stone 4 ft. base, 2 ft. high, on line. Desc. 131 ft. over SW. slope to  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a md. of stone around post, for std. cor. of secs. 33 and 34, marked on brass cap

S C  
T 9 S R 3 W  
S 33 | S 34  
P I R  
1924

No bearing trees available.  
Land; rolling.  
Soil; 3rd rate.  
Timber; none.  
Undergrowth; scrub palo verde and mesquite, catclaw, greasewood, ocotillo and giant cactus.

- West, on a true line, on S. bdy. of Sec. 33.  
Over nearly level and gently rolling land, thru scattering undergrowth.  
Desc. 52 ft. over SW. slope to  
11.00 Wash, 10 lks. wide, course NW. Over level land.  
18.68 No trace of old std.  $\frac{1}{4}$  sec. cor. of sec. 34. Continue descent 12 ft. to  
21.30 Wash, 100 lks. wide, course NW. Over level land.  
39.80 Wash, 20 lks. wide, course NW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a md. of stone around post, for  $\frac{1}{4}$  sec. cor. of sec. 33, marked on brass cap

S C  
 $\frac{1}{4}$  S 33  
P I R  
1924

- No bearing trees available. Asc. gradual NE. slope 76 ft. to  
57.70 Hill, change to gradual W. slope  
57.76 Old std. cor. of secs. 33 and 34, brs. North, 8.30 chs. a limestone 10 x 10 x 10 ins. in md. of stone, marked with 3 grooves on E. and W., and S C on N. faces, I destroy this cor. Desc. 64 ft. over W. slope.  
77.50 Dry wash, 20 lks. wide, course N. Over level land.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., (no 2 in. post available) 24 ins. in the ground, for std. cor. of secs. 32 and 33, mkd. on brass cap

S C  
T 9 S R 3 W  
S 32 | S 33  
1924

Resurvey of the East four miles of the  
Second Standard Parallel South, thru Range 3 West.

Chains

From which

A mesquite, 8 ins. in diam., brs. N. 38° W., 87 lks.  
dist., marked T 9 S R 3 W S. 32 S C B T.

No other bearing trees available. Raise a md. of  
stone 3 ft. base, 2 ft. high, N. of cor.

Line discontinued at this corner.

Land; gently rolling and level.

Soil; 3rd rate.

Timber; scattering mesquite.

Undergrowth; greasewood, ocotillo and giant cactus.

This cor. is about 3.00 chs. east of a large wash,  
100 lks. wide, course north.

GENERAL DESCRIPTION.

Thru Rs. 1 and 2 W., the line passes over high broken  
ridges with a general bearing from E. to W., volcanic  
formation. The surface is cut into numerous canyons  
and ravines, difficult to chain over, the surface cover-  
ed with large boulders. Scrub timber of palo verde and  
mesquite. Undergrowth; catclaw, greasewood brush,  
ocotillo and giant cactus. There is some gramma grass  
in places. No water. Water reported in tanks by  
Lewis Wolfley, in 1893, has dried away, at this time.

Thru R. 3 W., the land is not so rough. Scattering  
palo verde and mesquite. All large mesquite suitable  
for posts has been cut by the Indians.

There are two Indian villages: one about 3 miles  
S. of the cor. of Secs. 31 and 32, T. 10 S., R. 2 W.; the  
other in Secs. 2 and 3, T. 10 S., R. 3 W. There is well  
water at both villages, but this does not last thruout  
the year.

Nearly all the old corners, set by Lewis Wolfley in  
1893, were found.

## Survey of part of the Subdivision Lines of T. 13 S., R. 1 E.

Chains The following notes describe a survey of those subdivision lines in T. 13 S., R. 1 E., which form a boundary of the Papago Indian Reservation, the land to the south of line bet. secs. 19 and 30, and to the East of line bet. secs. 19 and 20, 17 and 18, 7 and 8, and 5 and 6, being within the reservation.

From the corner of Secs. 19, 24, 25, and 30, T. 13 S., Rs. 1 E., and 1 W., on the Gila and Salt River Meridian reestablished by me in November, 1918, under Group 84, Arizona, which is an iron post 3 ins. in diam., 10 ins. above ground, marked on brass cap

T 13 S			
R 1 W	R 1 E		
S 24	S 19	P	
S 25	S 30	M	
1918			

East, on a true line, bet. secs. 19 and 30.  
Over level land, thru dense brush and scattering timber.

35.60 Dim road, bears N. and S.

38.91 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$	S 19	
	S 30	
P I R		
1924		

From which

A mesquite tree, 10 ins. in diam., brs. N. 60° W.,  
33 lks. dist., marked  $\frac{1}{4}$  S 19 B T.

Mesquite, 14 ins. in diam., brs. S. 73° E., 37 lks.  
dist., marked  $\frac{1}{4}$  S 30 B T.

Thence through dense growth of mesquite timber.

75.00 Leave timber, brs. N. and S.

75.50 Wash, 10 lks. wide, course NW.

78.91 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

T 13 S R 1 E			
S 19	S 20		
S 30	S 29		
1924			

P I R

From which

An iron wood, 12 ins. in diam., brs. S. 74° 30' E.,  
129 lks. dist., marked T 13 S R 1 E S 29 B T.

An ironwood, 4 ins. in diam., brs. S. 2° 30' W., 30  
lks. dist., marked T 13 S R 1 E S 30 B T.

No other bearing trees available. Dig pits 18 x 18  
x 12 ins. in each sec. 3 ft. dist.

Land; nearly level;

Soil; 1st and 2nd rate.

Timber; mesquite, palo verde, and ironwood.

Undergrowth; greasewood, ocotillo, catclaw, and giant  
cactus.

N. 0° 3' W., bet. secs. 19 and 20.

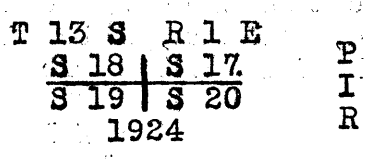
Over nearly level land, thru dense undergrowth and  
scattering timber.

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

$\frac{1}{4}$		P
S 19	S 20	I
1924		
R		

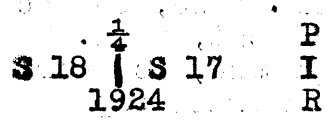
Survey of part of the  
Subdivision Lines of Township 13 South, Range 1 East.

Chains From which  
 Mesquite tree, 8 ins. in diam., brs. S. 3° E. 281 lks.  
 dist., marked  $\frac{1}{4}$  S 20 B T.  
 Mesquite tree, 6 ins. in diam., brs. S. 39° W., 84  
 lks. dist., marked  $\frac{1}{4}$  S 19 B T.  
 51.00 Dim road bears N. 68° W., and S. 68° E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
 in the ground for cor. secs. 17, 18, 19 and 20,  
 marked on brass cap

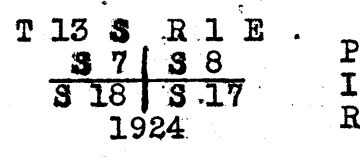


From which  
 Mesquite tree, 5 ins. in diam., brs. S. 40° 45' E.,  
 114 lks. dist., marked T 13 S R 1 E S 20 B T.  
 No other bearing trees available. Raise a md. of  
 stone 3 ft. base 2 ft. high W. of cor.  
 Land; nearly level.  
 Soil; 1st and 2nd rate.  
 Timber; scattering mesquite, palo verde and ironwood.  
 Undergrowth; greasewood, cactus and ocotilla.  
 Good grass.

N. 0° 3' W., bet. secs. 17 and 18.  
 Over nearly level land, thru scattering timber and dense  
 undergrowth.  
 8.70 Dim road, brs. S. 20° E., and N. 20° W.  
 32.40 Wire fence, brs. E. and W., 20 lks. west of the SE. cor.  
 of Kinney's pasture, thence along wire fence.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap.



From which  
 Mesquite, 6 ins. in diam., brs. S. 87° 30' W., 47  
 lks. dist., marked  $\frac{1}{4}$  S 18 B T.  
 No other bearing tree available. Dig pits 18 x 18  
 x 12 ins. N. and S. of cor. 3 ft. dist.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
 in the ground for cor. of secs. 7, 8, 17 and 18,  
 marked on brass cap



From which  
 Mesquite, 6 ins. in diam., brs. S. 83° W., 98 lks.  
 dist., marked T 13 S R 1 E S 18 B T.  
 No other bearing trees available. Dig pits 18 x 18  
 x 12 ins. in each sec. 3 ft. dist.  
 Land; level.  
 Soil; 1st and 2nd rate.  
 Timber; scattering palo verde, mesquite and ironwood.  
 Undergrowth; dense greasewood brush.

N. 0° 3' W., bet. secs. 7 and 8.  
 Over level land, thru dense brush and scattering timber.

GLO Cor. #7 - Papago Indian Reservation.

An iron post, 2 ins. diam., 12 ins. up, firmly set in ground, with brass cap mkd.

T	12	S	R	4	W
S	21	S	22		
S	28	S	27		

*Handwritten notes:*  
1200 /  
1005

1920

is under Papago Indian Reservation Bdy. fence, bears N. and S., about 60 ft. south of road gate in fence.

Cor. was visible and observed only from Poso station; and was not altered in any way.

-----

Corner can be reached by truck, as follows:

From Ajo, go SE. on Ajo-Tucson Hwy.

17.0 Graded cross-road, turn left, sign on this road reads "Poso Redondo".

4.0 A graded road forks R/<sup>ight</sup>; keep left, straight ahead.

2.5 Poso Redondo church on left, a road forks left, keep right, straight ahead on dim road.

0.1 Widmill and corral and rock tank on right.

0.2 Road forks, take left, pass to left of several adobe bldgs.

3.2 Gat in Papago Boundary fence. Cor. is 60 ft. south.

Roger F. Wilson  
U.S. Transitman

Survey of part of the  
Subdivision Lines of Township 13 South, Range 1 East.

Chains

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

$\frac{1}{4}$  P  
S7 | S8 I  
1924 R

From which

Mesquite, 5 ins. in diam., brs. N. 60° 45' W., 93  
lks. dist., marked  $\frac{1}{4}$  S 7 B T.

No other tree available. Dig pits 18 x 18 x 12 ins.  
N. and S. of cor. 3 ft. dist.

42.00 Enter overflow land, brs. E. and W.

50.00 Leave overflow land, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 5, 6, 7 and 8,  
marked on brass cap

T 13 S R 1 E P  
S 6 | S 5 I  
S 7 | S 8 R  
1924

From which

Mesquite, 4 ins. in diam., brs. S. 20° E., 52 lks.  
dist., marked T 13 S R 1 E S 8 B T.

No other bearing trees available. Dig pits 18 x 18  
x 12 ins. in each sec. 3 ft. dist.

Land; level.

Soil; adobe and sandy loam, 1st and 2nd rate.

Timber; scattering palo verde, mesquite and ironwood.

Undergrowth; dense greasewood.

N. 0° 3' W., on a random line, bet. secs. 5 and 6.

Over level land, thru dense brush and scattering timber.

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

80.19 Intersect north boundary of Tp. 3 lks. W. of the cor. of  
secs. 5, 6, 31 and 32, established by me in December,  
1918, which is a 2 in. iron post, 12 ins. above  
ground, marked on brass cap

T 12 S R 1 E  
S 31 | S 32  
S 6 | S 5  
T 13 S  
1918

Witnessed by pits.

Thence S. 0° 2' E., on a true line, bet. secs. 5 and 6.

Over level land, along wire fence, thru greasewood brush.

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

$\frac{1}{4}$  P  
S 6 | S 5 I  
1924 R

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
N. and S. of cor. 3 ft. dist.

80.19 The cor. of secs. 5, 6, 7 and 8.

Land; level.

Soil; adobe and sandy loam, 1st and 2nd rate.

Timber; scattering palo verde and mesquite.

Undergrowth; dense growth of greasewood.

Fair growth galletta grass.



GENERAL DESCRIPTION.

The line thru this township passes over level land, first and second rate, adobe and sandy loam soil. No water and no settlers. It carries a scattering growth of mesquite and palo verde timber, and a dense growth of greasewood and catclaw.

Survey of part of the  
Subdivision Lines of Township 13 South, Range 1 West.

Chains From the cor. of Secs. 19, 24, 25 and 30, on the Gila and Salt River Meridian, hereinbefore described.  
West, on a true line, bet. secs. 24 and 25.  
Over level land, thru dense brush and scattering timber.  
28.50 Dim road, brs. N. and S.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   $\frac{S\ 24}{S\ 25}$   
P I R  
1924

From which,  
Mesquite, 6 ins. in diam., brs. S. 10° W., 14 lks.  
dist., marked  $\frac{1}{4}$  S 25 B T.  
Mesquite, 10 ins. in diam., brs. N. 29° W., 40 lks.  
dist., marked  $\frac{1}{4}$  S 24 B T.  
73.70 Cor. of wire fence 5 lks. south, from cor. brs. N. 18° 30' W., and West.  
80.00 Set an iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap

T 13 S R 1 W  
 $\frac{S\ 23}{S\ 26}$  |  $\frac{S\ 24}{S\ 25}$   
P I R  
1924

From which  
Mesquite, 6 ins. in diam., brs. N. 72° E., 130 lks.  
dist., marked T 13 S R 1 W S 24 B T.  
Mesquite, 8 ins. in diam., brs. S. 57° E., 127 lks.  
dist., marked T 13 S R 1 W S 25 B T.  
Mesquite, 10 ins. in diam., brs. S. 60° W., 135 lks.  
dist., marked T 13 S R 1 W S 26 B T.  
Mesquite, 7 ins. in diam., brs. N. 52° W., 22 lks.  
dist., marked T 13 S R 1 W S 23 B T.

Land; level.  
Soil; 1st and 2nd rate.  
Timber; scattering mesquite.  
Undergrowth; catclaw and dense greasewood.

West, on a true line, bet. secs. 23 and 26.  
Over level land, thru dense brush and scattering timber, alongside four-wire fence.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   $\frac{S\ 23}{S\ 26}$   
P I R  
1924

No bearing trees available. Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.  
45.00 Enter grassy flat, extending about 10 chs. N., and 5 chs. S.  
70.00 Leave grassy flat, bears N. and S. Enter greasewood brush.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, marked on brass cap

Survey of part of the  
Subdivision Lines of Township 13 South, Range 1 West.

Chains

T 13 S. R 1 W

S 22	S 23
S 27	S 26

P I R

1924

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
in each sec. 3 ft. dist.

Land; level.

Soil; 1st and 2nd rate.

Timber; very scattering mesquite.

Undergrowth; scrub mesquite brush and greasewood.

Fair grass.

West, on a true line, bet. secs. 22 and 27.

Over level land, thru dense brush and scattering timber,  
alongside wire fence.

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

$\frac{1}{4}$ S 22	S 27
--------------------	------

P I R

1924

From which

Mesquite, 6 ins. in diam., brs. N. 55° 30' E., 90 lks.  
dist., marked  $\frac{1}{4}$  S 22 B T.

Mesquite, 6 ins. in diam., brs. S. 72° 30' W., 97  
lks. dist., marked  $\frac{1}{4}$  S 27 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground, for the cor. of secs. 21, 22, 27 and 28  
marked on brass cap

T 13 S R 1 W

S 21	S 22
S 28	S 27

P I R

1924

From which

Mesquite, 5 ins. in diam., brs. N. 22° 30' E., 55 lks.  
dist., marked B T., only.

Mesquite, 10 ins. in diam., brs. S. 72° 52' E., 44  
lks. dist., marked T 13 S R 1 W S 27 B T.

Mesquite, 4 ins. in diam., brs. S. 2° 45' W., 23 lks.  
dist., marked B T., only.

Mesquite, 6 ins. in diam., brs. N. 46° W., 39 lks.  
dist., marked B T., only.

Land; level.

Soil; sandy loam, 1st and 2nd rate, drains south.

Timber; scattering mesquite.

Undergrowth; mesquite brush and greasewood.

Fair grass.

West, on a true line, bet. secs. 21 and 28.

Over level land, thru dense brush and scattering timber,  
alongside wire fence.

35.30 Old road, bears NW. and SE.

35.90 Cor. of wire fence, brs. North 20 lks., extends east and  
N. 39° W.

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

**Survey of part of the  
Subdivision Lines of Township 13 South, Range 1 West.**

Chains

$$\frac{1}{4} \frac{S 21}{S 28}$$

P I R  
1924

From which

Mesquite, 6 ins. in diam., brs. N. 25° E., 57 lks.  
dist., marked  $\frac{1}{4}$  S 21 B T.

Mesquite, 8 ins. in diam., brs. S. 2° 45' W., 54 lks.  
dist., marked  $\frac{1}{4}$  S 28 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 20, 21, 28 and 29,  
marked on brass cap

$$\begin{array}{c} T 13 S R 1 W \\ \hline S 20 | S 21 \\ \hline S 29 | S 28 \\ \hline P I R \\ 1924 \end{array}$$

From which

Mesquite, 6 ins. in diam., brs. N. 46° 00' E., 187  
lks. dist., marked B T., only.

Mesquite, 10 ins. in diam., brs. S. 24° W., 175 lks.  
dist., marked T 13 S R 1 W S 29 B T.

No other bearing trees available. Dig pits 18 x 18  
x 12 ins. in each sec. 3 ft. dist.

Land; level.

Soil; sandy loam and adobe, 1st rate.

Timber; scattering mesquite and palo verde.

Undergrowth; mesquite brush and greasewood.

Fair grass.

West, on a true line, bet. secs. 20 and 29.

Over level land; thru dense brush and scattering timber.

20.00 Enter heavy mesquite timber, brs. N. and S.

25.00 Leave " " " " " " " "

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

$$\frac{1}{4} \frac{S 20}{S 29}$$

P I R  
1924

From which

Mesquite, 6 ins. in diam., brs. N. 57° E., 87 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T.

Mesquite, 6 ins. in diam., brs. S. 70° W., 74 lks.  
dist., marked  $\frac{1}{4}$  S 29 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 19, 20, 29 and 30,  
marked on brass cap

$$\begin{array}{c} T 13 S R 1 W \\ \hline S 19 | S 20 \\ \hline S 30 | S 29 \\ \hline 1924 \end{array}$$

P I R

From which

Mesquite, 10 ins. in diam., brs. N. 73° 30' E., 3.00  
chs. dist., marked T 13 S R 1 W S 20 B T.

Mesquite, 10 ins. in diam., brs. S. 20° E., 40 lks.  
dist., marked T 13 S R 1 W S 29 B T.

Mesquite, 8 ins. in diam., brs. S. 53° W., 90 lks.  
dist., marked T 13 S R 1 W S 30 B T.

Mesquite, 6 ins. in diam., brs. N. 77° 30' W., 85 lks.  
dist., marked T 13 S R 1 W S 19 B T.

Survey of part of the  
Subdivision Lines of Township 13 South, Range 1 West.

Chains Land; level.  
Soil; sandy loam, 1st and 2nd rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; mesquite brush, greasewood and ocotillo.

S. 0° 3' E., bet. secs. 29 and 30.  
Over level land, thru dense brush and scattering timber.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 30	↑	S 29	P
	1924		I
			R

From which

Mesquite, 10 ins. in diam., brs. N. 77° 30' E., 73  
lks. dist., marked  $\frac{1}{4}$  S 29 B T.  
Mesquite, 6 ins. in diam., brs. N. 30° W., 70 lks.  
dist., marked  $\frac{1}{4}$  S 30 B T.  
75.34 Old railroad survey, brs. N. 70° E., and S. 70° W.  
78.20 Dim. road, brs. N. 65° E., and S. 65° W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground for cor. of secs. 29, 30, 31 and 32,  
marked on brass cap

T 13	S	R 1	W	
S 30		S 29		P
S 31		S 32		I
				R
1924				

From which

Mesquite tree, 10 ins. in diam., brs. N. 77° W., 220  
lks. dist., marked T 13 S R 1 W S 30 B T.  
No other bearing trees available. Dig pits 18 x 18 x  
12 ins. in each sec. 3 ft. dist.  
Land; level.  
Soil; sandy loam, 1st rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; dense greasewood and mesquite brush.

S. 0° 3' E., bet. secs. 31 and 32.  
Over level land, thru dense brush and scattering timber.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 31	↑	S 32	P
	1924		I
			R

From which

Mesquite, 5 ins. in diam., brs. N. 53° E., 45 lks.  
dist., marked  $\frac{1}{4}$  S 32 B T.  
Mesquite, 10 ins. in diam., brs. S. 52° W., 124 lks.  
dist., marked  $\frac{1}{4}$  S 32 B T.  
70.40 Old Tucson and Paso Redondo road, brs. E. and W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in  
the ground, for cor. of secs. 5, 6, 31 and 32, marked  
on brass cap

Survey of part of the  
Subdivision Lines of Township 13 South, Range 1 West.

Chains

T 13 S R 1 W  
S 31 | S 32  
S 6 | S 5  
T 14 S  
1924

P I R

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
in each sec. 3 ft. dist.  
Land; level.  
Soil; sandy loam, 1st rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; mesquite brush and greasewood.

GENERAL DESCRIPTION.

The line thru Township 13 South, Range 1 West, passes  
over level land. The soil is first and second rate,  
adobe and sandy loam. No settlers. No water. A por-  
tion of this township has been fenced into a large pas-  
ture. It carries a scattering growth of mesquite and  
palo verde timber, and a dense growth of greasewood  
brush.

## GLO Cor. #8 - Papago Indian Reservation.

An iron post, 1 in. diam., 12 ins. above ground, firmly set, with brass cap mkd.

S O  
1 9 35

1936  
1934

(1936 added)

witnessed by a mound of stone, 3 ft. base and 3 ft. high, N. of cor.

This cor. is on S. bdy. of T. 9 S., R. 3 W., under E. and W. fence on N. bdy. of Papago Indian Reservation.

Reset in concrete, 36x15x9 ins., 28 ins. deep to bedrock.

Reference mark No. 1 bears N.58°31'E., 623.426 metres dist., on highest point in center of a ridge about 300 ft. high, bears NW. and SE.; is a brass tablet in drill hole in bedrock.

Reference mark No. 2 bears west, 100.307 metres dist.; on W. side of road, bears NW. to Gila Bend and SE.

No. 2 is a brass tablet in concrete form, 30x12x7 ins., 26 ins. deep.

Reference mark #1 was observed from Maricopa and Moivavi; and occupied to observe Maricopa and Moivavi.

Moivavi bears S.43°E.  
Maricopa bears N.39°21'E.

Cor. can be reached by truck, as follows:

From Gila Bend, at junction of Ajo Hwy. and U.S. 80 Hwy. Go south on Hwy., toward Ajo; a graded road.

0.2, about 30 yds. S. of canal bridge, turn left onto road which bears papallel to hwy., going south.

0.1 A new white stucco church is left, about 20 ft.

2.0 A road forks left to stucco house; continue on right hand road, straight ahead, southeasterly.  
at SW. fence cor.

0.7 Road forks, take right, leaving MTR.; continue southeasterly.

0.5 Road forks, take ~~left~~ right, MTR.

2.0 Road forks, take left.

8.3 Station Dry, on right side of road

14.3 Reference mark #2, on right side of road, at Bdy. fence.

about 28 miles SE. of Gila Bend.

U.S. Transitman

GLO Cor. #9 - Papago Indian Reservation.

An iron post, 3 ins. diam., 12 ins. up, firmly set in ground, with brass cap mkd.

T 13	S R 1	W
S 36	S 31	
S 1	S 6	
R 2	W	
T 14	S	
P I R		
1936		(1936 added)
1924		

Reset in concrete, 36x12x9 ins., 34 ins. deep; from which  
 Reference mark No. 1 bears N.72°37'E., 359.07 metres, on SW. side of road, bears NW. to Perigua and SE. to Hwy. at Tracy's.  
 Reference mark No. 2 bears S.63½°W., 16.645 metres dist.  
 Both are brass tablets in concrete forms, 30x12x7 ins., 28 ins. deep.

Observed from Xmind, Blanco, Llano and Grande.

9 mile Peak bears S.65½°W.  
Peri bears N.¼°W.

Cor. is 5½ miles NW. of Tracy's, and can be reached by truck, as follows:

From Tracy's store at San Simon, on Sells-Ajo Hwy., go W. on Hwy.

0.2 Several roads turn right from Hwy., opposite sign which reads "Sutherland's Store, Pisinemo, 14M"; all roads bearing NW. and all come together within 2 or 3 miles, take any one. Right fork, which is MTR, is in best condition, now.

0.1 Turn left, follow MTR.

5.0 Indian Service fence, bears N. and S., pass thru gate.

0.1 Reference mark No. 1, about 20 ft. to left of road.

Roger F. Wilson  
U.S. Transitman



Survey of part of the  
South Boundary of Township 13 South, Range 1 West.

Chains From the corner of Secs. 5, 6, 31 and 32, on the S. bdy.  
of T. 13 S., R. 1 W., hereinbefore described:  
West, on a true line, bet. secs. 6 and 31,  
Over level land, thru dense brush and scattering timber.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   $\frac{S\ 31}{S\ 6}$   
P I R  
1924

From which  
Mesquite, 10 ins. in diam., brs. S. 16° 30' E., 10  
lks. dist., marked  $\frac{1}{4}$  S 6 B T.  
Mesquite, 8 ins. in diam., brs. N. 42° W., 117 lks.  
dist., marked B T., only.

58.40 Old road, bears NW. and SE.  
79.09 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground, for cor. of Ts. 13 and 14 S., Rs. 1 and  
2 W., marked on brass cap

T 13 S  
R 2 W | R 1 W  
S 36 | S 31  
S 1 | S 6  
T 14 S  
P I R  
1924

*see 1936  
location*

From which  
Mesquite, 12 ins. in diam., brs. N. 89° 30' E., 383  
lks. dist., marked T 13 S R 1 W S 31 B T.  
Mesquite, 8 ins. diam., brs. S. 14° E., 214 lks.  
dist., marked T 14 S R 1 W S 6 B T.  
Mesquite, 10 ins. in diam., brs. N. 38° 30' W., 170  
lks. dist., marked T 13 S R 2 W S 36 B T.  
No other bearing tree available. Dig pits 18 x 18 x 12  
ins., N., S., E. and W. of cor. 3 ft. dist.  
Land; level.  
Soil; 1st rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; dense greasewood.

Survey of part of the  
North Boundary of Township 14 South, Range 2 West.

Chains From the corner of Ts. 13 and 14 S., Rs. 1 and 2 W.,  
hereinbefore described:  
West, on a random line, bet. secs. 1 and 36, and 2 and  
35, setting temporary cors. at 40. and 80. chs. to  
160.00 Set temporary cor. of secs. 2, 3, 34 and 35.  
Thence S. 0° 1' E., on a random line, bet. secs. 2 and 3,  
10 and 11, setting temp. cors. at intervals of 40.  
and 80. chs. to  
160.00 Set temp. cor. for secs. 10, 11, 14 and 15.  
Thence west on a random line, bet. secs. 10 and 15,  
9 and 16, 8 and 17, setting temp. cors. at intervals  
of 40. and 80. chs. for a distance of 3 miles to  
240.00 Set temp. cor. for secs. 7, 8, 17 and 18.  
Thence S. 0° 3' E., on random line, bet. secs. 17 and 18,  
and 19 and 20, setting temp. cors., to  
160.00 Set temp. cor. for secs. 19, 20, 29 and 30.  
Thence west on a random line, bet. secs. 19 and 30, at  
79.44 Intersect east bdy. of T. 14 S., R. 3 W., at a point 58  
lks. north of the cor. of secs. 19, 24, 25 and 30,  
a two inch iron post, 12 ins. above ground, establish-  
ed in 1918 by Lloyd Sechrist, U. S. Transitman, under  
Group 84.  
This falling answers to a correction of .09.4 lks. S.,  
per mile, or to a bearing of S. 89° 56' W.

I then return to the cor. of Ts. 13 and 14 S., Rs. 1 and  
2 W., hereinbefore described, thence  
S. 89° 56' W., on a true line, bet. secs. 1 and 36.  
Over level land, thru dense brush and scattering timber.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   $\frac{S\ 36}{S\ 1}$   
P I R  
1924

From which  
Mesquite, 3 ins. in diam., brs. S. 24° E., 45 lks.  
dist., marked B T., only.  
Mesquite, 8 ins. in diam., brs. N. 55° W., 56 lks.  
dist., marked B T., only.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 1, 2, 35 and 36,  
marked on brass cap

T 13 S R 2 W  
 $\frac{S\ 36\ | \ S\ 36}{S\ 2\ | \ S\ 1}$   
T 14 S  
P I R  
1924

From which  
Mesquite, 8 ins. in diam., brs. S. 39° W., 324 lks.  
dist., marked T 14 S R 2 W S 2 B T.  
No other bearing trees available. Dig pits 18 x 18 x  
12 ins. in each sec. 3 ft. dist.  
Land; level.  
Soil; 1st and 2nd rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; mesquite brush and dense greasewood.  
Fair grass.

S. 89° 56' W., on a true line, bet. secs. 2 and 35.  
Over level land, thru dense brush and scattering timber.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

Survey of part of the  
North Boundary of Township 14 South, Range 2 West.

Chains the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

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

P I R.  
1924.

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
E. and W. of cor. 3 ft. dist.

69.30 Dim road, brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 2, 3, 34 and 35,  
marked on brass cap

T 13 S R 2 W

S 34 | S 35

S 3 | S 2

T 14 S

P I R

1924

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
in each sec. 3 ft. dist.

Land; level.

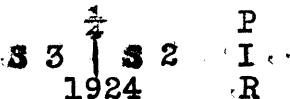
Soil; sandy loam, 1st rate.

Timber; scattering mesquite and palo verde.

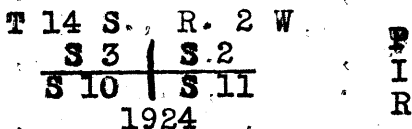
Undergrowth; mesquite brush and dense greasewood.

Survey of part of the  
Subdivision Lines of Township 14 South, Range 2 West.

Chains From the corner of Secs. 2, 3, 34 and 35, Ts. 13 and 14 S., R. 2 W., just established by me, as hereinbefore described:  
S. 0° 1' E., on a true line bet. secs. 2 and 3.  
Over level land, thru dense brush and scattering timber.  
5.00 Enter thick growth of mesquite, brs. E. and W.  
20.00 Leave " " " " " " " "  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

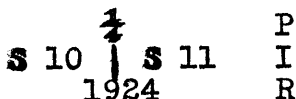


From which  
Mesquite, 10 ins. in diam., brs. S. 7° E., 282 lks. dist., marked  $\frac{1}{4}$  S 2 B T.  
No other bearing tree available. Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap

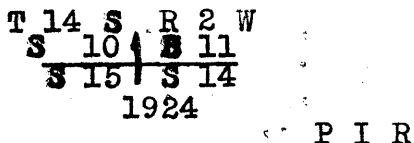


From which  
Mesquite, 12 ins. in diam., brs. N. 29° E., 111 lks. dist., marked T 14 S R 2 W S 2 B T.  
Mesquite, 12 ins. in diam., brs. S. 34° W., 48 lks. dist., marked T 14 S R 2 W S 10 B T.  
No other bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
Land; level.  
Soil; sandy loam and adobe, 1st and 2nd rate.  
Timber; scattering mesquite.  
Undergrowth; dense growth of greasewood.

S. 0° 1' E., bet. secs. 10 and 11.  
Over level land, thru dense brush and scattering timber.  
35.00 Enter thick growth of mesquite, brs. E. and W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



From which  
Mesquite, 4 ins. in diam., brs. S. 49° E., 87 lks. dist., marked  $\frac{1}{4}$  S 11 B T.  
Mesquite, 5 ins. in diam., brs. N. 21° 35' W., 41 lks. dist., marked  $\frac{1}{4}$  S 10 B T.  
48.00 Leave thick growth of mesquite, brs. E. and W., continue in dense greasewood brush.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap



Survey of part of the  
Subdivision lines of Township 14 South, Range 2 West.

Chains No bearing trees available. Dig pits 18 x 18 x 12 ins.  
in each sec. 3 ft. dist.  
Land; level.  
Soil; 1st rate.  
Timber; scattering mesquite.  
Undergrowth; mesquite brush and dense greasewood.  
Fair grass.

S. 89° 56' W., on true line, bet. secs. 10 and 15.  
Over level land, thru dense brush and scattering timber.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for 1/4 sec. cor., marked on brass cap

1/4 S 10  
S 15  
P I R  
1924

From which

Mesquite, 5 ins. in diam., brs. N. 69° E., 50 lks.  
dist., marked 1/4 S 10 B T.  
Mesquite, 4 ins. in diam., brs. S. 35° 30' E., 154  
lks. dist., marked 1/4 S 15 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground for cor. of secs. 9, 10, 15 and 16,  
marked on brass cap

T 14 S R 2 W  
S 9 | S 10  
S 16 | S 15  
P I R  
1924

From which

Mesquite, 10 ins. in diam., brs. N. 4° 15' E., 40  
lks. dist., marked T 14 S R 2 W S 10 B T.  
Mesquite, 4 ins. in diam., brs. S. 44° 30' E., 64  
lks. dist., marked B T., only.  
Mesquite, 6 ins. in diam., brs. S. 51° 15' W., 140  
lks. dist., marked T 14 S R 2 W S 16 B T.

No other bearing tree available. Dig pits 18 x 18 x  
12 in each sec. 3 ft. dist.

Land; level.  
Soil; sandy loam, 1st rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; dense growth of greasewood brush.

S. 89° 56' W., on true line, bet. secs. 9 and 16.  
Over level land, thru dense brush and scattering timber.  
33.30 Trail, brs. NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap

1/4 S 9  
S 16  
P I R  
1924

From which

Mesquite, 10 ins. in diam., brs. N. 48° 30' E., 80  
lks. dist., marked 1/4 S 9 B T.  
Mesquite, 8 ins. in diam., brs. S. 24° W., 105 lks.  
dist., marked 1/4 S 16 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground, for cor. of secs. 8, 9, 16 and 17,  
marked on brass cap

Survey of part of the  
Subdivision Lines of Township 14 South, Range 2 West.

Chains

T 14 S R 2 W

S 8	S 9
S 17	S 16

P I R

1924

From which

Mesquite, 12 ins. in diam., brs. N. 85° E., 100 lks.  
dist., marked T 14 S R 2 W S 9 B T.

Mesquite, 8 ins. in diam., brs. N. 40° 45' E., 135  
lks. dist., marked T 14 S R 2 W S 16 B T.

Mesquite, 8 ins. in diam., brs. S. 8° W., 233 lks.  
dist., marked T 14 S R 2 W S 17 B T.

Mesquite, 6 ins. in diam., brs. N. 58° 30' W., 174 lks.  
dist., marked T 14 S R 2 W S 8 B T.

Land, level.

Soil; sandy loam, 1st rate.

Timber; scattering mesquite and palo verde.

Undergrowth; mesquite brush and dense greasewood.

Fair grazing.

S. 89° 56' W., on a true line, bet. secs. 8 and 17.

Over level land, thru dense brush and scattering timber.

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

$\frac{1}{4}$ S 8	S 17
-------------------	------

P I R

1924

From which

Mesquite, 8 ins. in diam., brs. S. 29° 30' E., 135  
lks. dist., marked  $\frac{1}{4}$  S 17 B T.

Mesquite, 10 ins. in diam., brs. N. 30° W., 115 lks.  
dist., marked  $\frac{1}{4}$  S 8 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 7, 8, 17 and 18,  
marked on brass cap

T 14 S R 2 W

S 7	S 8
S 18	S 17

1924

P I R.

From which

Mesquite, 5 ins. in diam., brs. N. 66° 30' E., 75  
lks. dist., marked T 14 S R 2 W S 8 B T.

Mesquite, 10 ins. in diam., brs. S. 14° 30' E., 235  
lks. dist., marked T 14 S R 2 W S 17 B T.

Mesquite, 5 ins. in diam., brs. S. 59° 15' W., 104  
lks. dist., marked T 14 S R 2 W S 18 B T.

Mesquite, 6 ins. in diam., brs. N. 47° 30' W., 116  
lks. dist., marked T 14 S R 2 W S 7 B T.

Land; level.

Soil; sandy loam, 1st rate.

Timber, scattering mesquite and palo verde.

Undergrowth; mesquite brush and dense growth of greasewood.

Survey of part of the  
Subdivision Lines of Township 14 South, Range 2 West.

Chains S. 0° 3' E., on a true line, bet. secs. 17 and 18.  
Over level land, thru dense brush and scattering timber,  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 18		S 17	P
1924	↑		I
			R

From which

Mesquite, 8 ins. in diam., brs. S. 11° 45' E., 59  
lks. dist., marked  $\frac{1}{4}$  S 17 B T.

Mesquite, 10 ins. in diam., brs. S. 41° 30' W., 33  
lks. dist., marked  $\frac{1}{4}$  S 18 B T.

74.20 Tucson and Ajo State Highway, brs. N. 82° W., and S. 82°  
E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 17, 18, 19 and 20,  
marked on brass cap

T 14	S	R 2	W	
S 18		S 17		P
S 19		S 20		I
1924				R

From which

Mesquite, 8 ins. in diam., brs. N. 21° 45' E., 237  
lks. dist., marked T 14 S R 2 W S 17 B T.

Mesquite, 5 ins. in diam., brs. S. 31° E., 35 lks.  
dist., marked T 14 S R 2 W S 20 B T.

Mesquite, 4 ins. in diam., brs. S. 39° 45' W., 220  
lks. dist., marked T 14 S R 2 W S 19 B T.

Mesquite, 6 ins. in diam., brs. N. 60° W., 98 lks.  
dist., marked T 14 S R 2 W S 18 B T.

U. S. Geological Survey signal on Nine-Mile Peak brs.  
N. 87° 10' W.

Land; level.

Soil; sandy loam, 1st rate.

Timber; scattering mesquite and palo verde.

Undergrowth; mesquite brush and dense greasewood.

S. 0° 3' E., on a true line, bet. secs. 19 and 20.  
Over level land, thru dense brush and scattering timber.  
37.88 U. S. Geological Survey signal on Nine Mile peak brs.  
N. 69° 10' W.

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

S 19		S 20	P
1924	↑		I
			R

From which

Mesquite, 12 ins. in diam., brs. S. 0° 45' E., 45  
lks. dist., marked  $\frac{1}{4}$  S 20 B T.

Mesquite, 10 ins. in diam., brs. S. 1° 15' W., 50  
lks. dist., marked  $\frac{1}{4}$  S 19 B T.

48.90 Wash, 10 lks. wide, course east.

52.50 Wash, 20 lks. wide, course east, comes from SW.

74.50 Wash, 20 lks. wide, course N. 60° E.

79.00 Wash, 10 lks. wide, course N. 70° E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground for cor. of secs. 19, 20, 29 and 30,  
marked on brass cap

Survey of part of the  
Subdivision Lines of Township 14 South, Range 2 West.

Chains

T 14 S R 2 W  
 $\frac{S 19}{S 30} | \frac{S 20}{S 29}$   
 1924

P I R

From which

- Mesquite, 8 ins. in diam., brs. N. 17° 45' E., 141 lks. dist., marked T 14 S R 2 W S 20 B T.
- Mesquite, 5 ins. in diam., brs. S. 68° 30' E., 172 lks. dist., marked T 14 S R 2 W S 29 B T.
- Mesquite, 5 ins. in diam., brs. S. 32° 30' W., 43 lks. dist., marked T 14 S R 2 W S 30 B T.
- Mesquite, 6 ins. in diam., brs. N. 43° 45' W., 97 lks. dist., marked T 14 S R 2 W S 19 B T.

From this cor. a malpais butte brs. N. 65° E., about 30.00 chs. dist.

A butte brs. S. 10° E., about 8.00 chs. dist.

Land; nearly level.

Soil; sandy and gravelly, 2nd rate.

Timber; scattering mesquite and palo verde.

Undergrowth; greasewood, ocotillo and giant cactus.

S. 89° 56' W., on a true line, bet. secs. 19 and 30. Over gradual E. slope, thru dense brush and scattering timber.

- 3.00 Small drain, course NE.
- 5.00 Butte, brs. south about 6.00 chs. dist.
- 30.00 Shallow wash, 20 lks. wide, course NE.
- 35.00 Wash, 10 lks. wide, course NE.
- 37.50 Drain, course NE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4} \frac{S 19}{S 30}$   
 P I R  
 1924

From which

- Mesquite, 4 ins. in diam., brs. N. 70° 30' E., 61 lks. dist., marked  $\frac{1}{4}$  S 19 B T.
- Mesquite, 3 ins. in diam., brs. S. 54° 30' E., 163 lks. dist., marked B T., only.
- 54.00 Ascend NE. slope of hill, 50 ft.
- 59.40 Top of hill, desc. West slope, 70 ft.
- 79.44 The cor. of secs. 19, 24, 25 and 30, hereinbefore described.

Land; level and hilly.

Soil; sandy loam and gravelly, 1st and 2nd rate.

Timber; scattering mesquite and palo verde.

Undergrowth; greasewood, ocotillo and giant cactus.

GENERAL DESCRIPTION.

The land thru this township is level. Soil first and second rate, sandy loam and adobe. The timber is mesquite and palo verde. Dense growth of greasewood. Fair grazing land. No water. No settlers.



Survey of part of the  
North Boundary of Township 12 South, Range 1 West.

**Chains** The following notes describe a survey of a part of the north boundary of T. 12 S., R. 1 W., which forms a boundary of the Papago Indian Reservation, the land to the north of this line, being within the reservation.

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The cor. of Ts. 11 and 12 S., Rs. 1 E., and 1 W., on the Principal Meridian, reestablished by me in December, 1918, is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap and witnessed by a mound of stone 4 ft. base, 3 ft. high, S. of cor. No bearing trees available. Thence

West, on a true line, bet. secs. 1 and 36.

Over level and gently rolling stony surface, thru dense brush, alongside wire fence.

33.80 Wash, 10 lks. wide, course SE.

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

P I R  
 $\frac{1}{4}$   $\frac{S 36}{S 1}$   
 1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high N. of cor.

55.30 Wash, 10 lks. wide, course south.

75.00 Rocky ravine 50 lks. wide, course NE. Asc. steep E. slope over boulders, 56 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap

P I R  
 T 11 S R 1 E  
 $\frac{S 35}{S 2} | \frac{S 36}{S 1}$   
 T 12 S  
 1924

No bearing trees available. Raise a md. of stone, 3 ft. base, 2 ft. high, west of cor.

Land; level and gently rolling, stony surface.

Soil; 4th rate.

Timber; none.

Undergrowth; scrub mesquite and palo verde, ironwood, greasewood, ocotillo, catclaw and giant cactus.

West, on a true line, bet. secs. 2 and 35.

Over mountainous and gently rolling land, thru dense brush.

Continue asc. over rocky E. slope, 320 ft. to top of ridge.

10.00 End of wire fence.

14.80 Bluff, 20 ft. high, brs. N. and S. At this point raise a mound of stone 3 ft. base, 2 ft. high, on line, 10 lks. from E. edge of bluff.

16.00 Ridge, brs. N. and S., desc. 220 ft. over SW. slope to  $\frac{1}{4}$  sec. cor.

20.20 Head of ravine, course SW.

27.56 At this point, raise a mound of stone 3 ft. base, 2 ft. high, on line. Desc. steep W. slope

40.00 Set an iron post, 3 ft. long, 1 in. in diam., to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

Survey of part of the  
North Boundary of Township 12 South, Range 1 West.

Chains	P I R $\frac{1}{4} \frac{S 35}{S 2}$ 1924
--------	---

No bearing trees available. Continue descent 29 ft. over NE slope to

46.00 Rocky wash, 20 lks. wide, course NW. Continue desc. 74 ft. over W. slope to

74.50 Wash, 20 lks. wide, course North. Asc. 57 ft. over E. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 2, 3, 34 and 35, marked on brass cap

P I R	
T 11 S	R 1 W
<u>S 34</u>	<u>S 35</u>
S 3	S 2
T 12 S	
1924	

No bearing trees available.  
 Land; mountainous and gently rolling.  
 Soil; 4th rate, volcanic formation.  
 Timber; none.  
 Undergrowth; dense growth of greasewood, ocotillo, catclaw, and giant cactus.  
 Fair grazing.

West, on a true line, bet. secs. 3 and 34.  
 Over rocky, mountainous, and roughly rolling land, thru dense undergrowth.  
 Asc. 94 ft. over rocky E. slope to

6.00 Ridge, brs. N. 20° E., and S. 20° W. At this point raise a mound of stone 3 ft. base, 2 ft. high, on line. Desc. 159 ft. over W. slope.

13.74 Wash, 30 lks. wide, course North. Thence over level flat.

26.00 Asc. 182 ft. over steep E. slope to

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

P I R	
$\frac{1}{4} \frac{S 34}{S 3}$	
1924	

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor. Continue asc. 60 ft.

48.00 Spur, slopes north. At this point raise a md. of stone 3 ft. base, 2 ft. high, on line. Desc. 137 ft. over W. slope to

58.00 Ravine 100 lks. wide, course North. Asc. 104 ft. over E. slope to

68.00 Change to and continue along N. slope of ridge.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked on brass cap

P I R	
T 11 S	R 1 W
<u>S 33</u>	<u>S 34</u>
S 4	S 3
1924	

Survey of part of the  
North Boundary of Township 12 South, Range 1 West.

Chains No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, W. of cor.  
Land; mountainous and roughly rolling, stony surface.  
Soil; 3rd and 4th rate, volcanic formation.  
Timber; none.  
Undergrowth; dense growth of greasewood, catclaw, ocotillo, and giant cactus.  
Scattering gramma grass.

West, on a true line, bet. secs. 4 and 33.  
Over gently rolling and mountainous land, thru dense brush and scattering timber.

Asc. 195 ft. over N. slope of ridge to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

P I R  
 $\frac{1}{4}$   $\frac{S 33}{S 4}$   
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor. Continue asc. 46 ft. over N. slope of ridge to  
55.00 Cross ridge, brs. N. 20° W., and S, 20° E. Desc. 80 ft. over SW. slope to saddle.

60.00 Saddle of divide. Asc. 293 ft. over SE. slope of same ridge, to

80.00 From this point Baboquivari Peak brs. S. 46° 15' E. Montezuma Head brs. S. 42° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

P I R  
T 11 S R 1 W  
 $\frac{S 32}{S 5} \mid \frac{S 33}{S 4}$   
1924

No bearing trees available.  
Land; gently rolling and mountainous.  
Soil; 4th rate, stony surface.  
Timber; scattering mesquite and palo verde.  
Undergrowth; greasewood, ocotillo, catclaw, cholla, and prickly-pear.  
Scattering growth of gramma grass.

Survey of part of the  
Subdivision Lines of Township 12 South, Range 1 West.

- Chains From the cor. of secs. 4, 5, 32 and 33, Ts. 11 and 12 S.,  
R. 1 W., hereinbefore described, thence  
S. 0° 2' E., on a true line, bet. secs. 4 and 5.  
Desc. 518 ft. to  $\frac{1}{4}$  sec. cor. Over steep SW. slope.
- 5.00 Change to steep west slope.
  - 26.00 Change to steep SW. slope.
  - 37.50 Rocky wash, 20 lks. wide, course S. 25° E., thence along east slope.
  - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, and raise a md. of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P  
I      S 5      S 4  
R              1924

- From which  
Mesquite, 4 ins. in diam., brs. S. 43° 30' W., 26 lks. dist., marked B T, only.  
No other bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high W. of cor. This cor. is almost 100 lks. west of the wash. Desc. 24 ft. over NW. slope, to
- 42.30 Same wash, course S. 30° W. Asc. 24 ft. over NW. slope.
  - 48.00 Bend in same wash, 50 lks. wide, course SW., from N. 20° W. Asc. 148 ft. over NW. slope to
  - 55.80 Change to steep SW. slope on spur sloping SW. At this point raise a md. of stone 3 ft. base, 2 ft. high, on line. Desc. 119 ft. over SE. slope to
  - 73.40 Wash, course SW. Asc. over NW. slope.
  - 76.00 Spur, slopes W. Desc.
  - 79.00 Ravine, 70 lks. wide, course west. Asc. over N. slope
  - 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 4, 5, 8 and 9, marked on brass cap

T 12 S R 1 W  
P              S 5 | S 4  
I              S 8 | S 9  
R                      1924

No bearing trees available.  
Land; mountainous.  
Soil; 4th rate, volcanic formation.  
Timber; scattering mesquite and palo verde.  
Undergrowth; greasewood, ocotillo, cholla, and catclaw.

- S. 0° 2' E., bet. secs. 8 and 9.  
Over mountainous land, thru dense undergrowth.  
Asc. 113 ft. over N. slope to
- 5.00 Spur, slopes west. Desc. 116 ft. over S. slope to
  - 12.00 Wash, course West., asc. N. slope.
  - 15.00 Spur, slopes West. Desc. 29 ft. over SW. slope.
  - 19.00 Wash, 50 lks. wide, course West., Asc. 107 ft. over N. slope to
  - 24.30 Spur, slopes west. Desc. 89 ft. over S. slope to
  - 28.60 Rocky wash, 30 lks. wide, course NW. Asc. 190 ft. over NE. slope, to
  - 38.70 Spur, slopes NW. Desc. SW. slope
  - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of

Survey of part of the  
Subdivision Lines of Township 12 South, Range 1 West.

Chains stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P  
I S 8  $\frac{1}{4}$  S 9  
R 1924

No bearing trees available. Desc. 164 ft. over S. slope to

54.80 Head of wash, course NW. Asc. 47 ft. over NE. slope  
68.20 Spur, slopes W. Desc. 196 ft. over S. slope to  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, marked on brass cap

P T 12 S R 1 W  
I S 8 | S 9  
R S 17 | S 16  
1924

No bearing trees available. Raise a md. of stone, 3 ft. base, 2 ft. high, west of cor.

Land; mountainous, covered with boulders, difficult to chain over.

Soil; 4th rate, volcanic formation.

Timber; none.

Undergrowth; scrub mesquite and palo verde, catclaw, greasewood, ocotillo, cholla, giant cactus.

S.  $0^{\circ}$  2' E., bet. secs. 16 and 17.

Over mountainous land, thru dense brush.

Desc. 197 ft. over rolling south slope to

23.10 Wash, course west. Asc. 92 ft. over N. slope.  
27.00 Spur, slopes west. Desc. 110 ft. over S. slope to  
33.00 Wash, course west. Asc. 197 ft. over N. slope, to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P  
I S 17  $\frac{1}{4}$  S 16  
R 1924

No bearing trees available. Raise a md. of stone 2 ft. base, 2 ft. high W. of cor. Asc. 38 ft. over N. slope.

43.00 Spur, slopes west. Thence over rolling SW. slope 189 ft. to

73.00 Wash, course west. Asc. N. slope, 23 ft. to

76.00 Spur, slopes west. Desc. 43 ft. over S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

P I T 12 S R 1 W  
S 17 | S 16  
S 20 | S 21  
R 1924

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high west of cor.

Land; mountainous, stony surface.

Soil; 4th rate, volcanic formation.

Timber; none.

Undergrowth; greasewood, ocotillo, catclaw and giant cactus.

Survey of part of the  
Subdivision Lines of Township 12 South, Range 1 West.

- Chains West, on a true line, bet. secs. 17 and 20.  
Over mountainous land, thru dense undergrowth.  
Desc. 17 ft. alongside wash.
- 9.00 Leave wash, course S. 80° W. Asc. 14 ft. over SE. slope
  - 14.00 Spur, slopes SW. Desc. 140 ft. over steep W. slope to
  - 19.80 Trail brs. N. and S. At this point raise a md. of stone  
4 ft. base, 2 ft. high, on line.
  - 20.40 Rocky wash, 50 lks. wide, course S. Asc. 240 ft. over  
steep E. slope to  $\frac{1}{4}$  sec. cor. This point on the  
wash is about 20.00 chs. north of the mouth of the  
canyon
  - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on sur-  
face rock, deposit a stone marked with a cross (X) at  
base of post, and raise a mound of stone around post,  
for  $\frac{1}{4}$  sec. cor., marked on brass cap

P I R  
 $\frac{1}{4}$   $\frac{S 17}{S 20}$   
1924

- No bearing trees available. Continue asc. 240 ft.  
over E. slope to
- 47.40 High, rocky butte, on line, brs. N. and S. At this  
point raise a md. of stone 4 ft. base, 3 ft. high,  
on line. Desc. 452 ft. over steep W. slope to
- 62.40 Head of wash about 5.00 chs. south of saddle of divide  
between the two buttes. Asc. 182 ft. over steep SE.  
slope to
- 79.00 High bluff, about 400 ft. high, brs. N. about 10.00  
chs., change to SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins.  
in the ground to bed rock, and raise a mound of  
stone around post for cor. of secs. 17, 18, 19 and 20,  
marked on brass cap

P I R  
T 12 S R 1 W  
 $\frac{S 18}{S 19} \mid \frac{S 17}{S 20}$   
1924

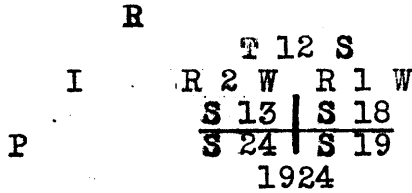
No bearing trees available. Raise a mound of stone, 3  
ft. base, 2 ft. high, W. of cor.  
Land; mountainous, surface covered with boulders.  
Soil; 4th rate, volcanic and sandstone formation.  
Timber; none.  
Undergrowth; greasewood, scattering scrub palo verde  
and ironwood, ocotillo, catclaw and giant cactus.

- West, on a true line, bet. secs. 18 and 19.  
Over mountainous, and gently rolling land, thru dense  
undergrowth.  
Asc. 18 ft. along S. slope.
- 3.00 Change to steep SW. slope, desc. 351 ft. over same to
  - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
the ground to bedrock, deposit a stone marked with  
a cross (X) at base of post, and raise a mound of  
stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass  
cap

P I R  
 $\frac{1}{4}$   $\frac{S 18}{S 19}$   
1924

Survey of part of the  
Subdivision Lines of Township 12 South, Range 1 West.

- Chains No bearing trees available.
- 40.50 Wash, 20 lks. wide, course SW. Continue desc. 28 ft. on SW. slope to wash.
- 52.20 Wire fence, brs. NE. and SW.
- 56.00 Wash, 20 lks. wide, course S. Asc. 31 ft. over gradual E. slope to
- 67.00 Low ridge, brs. N. and S., At this point raise a mound of stone 3 ft. base, 2 ft. high, on line. Desc. 23 ft. over W. slope.
- 78.40 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 13, 18, 19 and 24, marked on brass cap



From which

- Ironwood, 3 ins. in diam., brs. N. 78° E., 6 lks. dist., marked B T., only.
- Ironwood, 3 ins. in diam., brs. S. 9° 30' E., 70 lks. dist., marked B T., only.
- Ironwood, 3 ins. in diam., brs. S. 50° W., 113 lks. dist., marked B T., only.
- No other bearing tree available.
- Land; mountainous and rolling.
- Soil; 3rd and 4th rate, surface covered with stone.
- Timber; scattering ironwood and mesquite.
- Undergrowth; scrub palo verde, catclaw, greasewood, ocotillo, cholla and giant cactus.

Survey of part of the  
West Boundary of Township 12 South, Range 1 West.

Chains From the cor. of Secs. 13, 18, 19, and 24, T. 12 S.,  
Rs. 1 and 2 W., hereinbefore described, thence  
South, on a true line, bet. secs. 19 and 24.  
Over level land, thru dense brush and scattering timber.

10.00 Wash, course SW.

17.50 Wash, course SW.

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

P  
I S 24 | S 19  
R 1924

No bearing trees available. Raise a md. of stone, 3 ft.  
base, 2 ft. high, W. of cor.

53.00 Old road, brs. E. and W.

55.40 Wash, 70 lks. wide, course W.

75.00 Cross west slope of hill.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 19, 24, 25 and 30,  
marked on brass cap

T 12 S  
P R 2 W | R 1 W  
I S 24 | S 19  
R S 25 | S 30  
1924

From which

Ironwood, 8 ins. in diam., brs. N. 42° 30' E., 150  
lks. dist., marked T 12 S R 1 E S 19 B T.

Ironwood, 5 ins. in diam., brs. S. 61° 45' E., 150  
lks. dist., marked B.T., only.

Ironwood, 4 ins. in diam., brs. S. 18° W., 386 lks.  
dist., marked B T., only.

Ironwood, 5 ins. in diam., brs. N. 50° W., 91 lks.  
dist., marked B T., only.

Land; level and gently rolling.

Soil; sandy and stony, 3rd and 4th rate.

Timber; scattering mesquite, iron wood and palo verde.

Undergrowth; greasewood, catclaw, ocotillo, cholla and  
giant cactus.

South, on a true line, bet. secs. 25 and 30.

Over nearly level land, thru dense brush and scattering  
timber.

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

P  
I S 25 | S 30  
R 1924

From which

Ironwood, 10 ins. in diam., brs. S. 64° E., 103 lks.  
dist., marked  $\frac{1}{4}$  S 30 B T.

Ironwood, 12 ins. in diam., brs. N. 51° 15' W., 182  
lks. dist., marked  $\frac{1}{4}$  S 25 B T.

67.30 Old road, Ajo and McKinney's ranch, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 25, 30, 31 and 36,  
marked on brass cap



Survey of part of the West Boundary of Township 12 South, Range 1 West.

Chains

T 12 S			
P	R 2 W	R 1 W	
I	\$ 25	\$ 30	
R	\$ 36	\$ 31	
1924			

see 1936 location

From which  
 Mesquite, 4 ins. in diam., brs. N. 69° 30' E., 115 lks. dist., marked B T., only.  
 Mesquite, 4 ins. in diam., brs. S. 48° E., 130 lks. dist., marked B T., only.  
 No other bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
 Land; level.  
 Soil; sandy loam, 1st and 2nd rate.  
 Timber; scattering growth of palo verde, mesquite and ironwood.  
 Undergrowth; greasewood, catclaw, and cactus.

40.00 South, on a true line, bet. secs. 31 and 36. Over level land, thru dense brush, and scattering timber. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P		$\frac{1}{4}$	
I	\$ 36		\$ 31
R		1924	

80.00 No bearing trees available. Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist. Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 12 and 13 S., Rs. 1 and 2 W., marked on brass cap

T 12 S			
I	R 2 W	R 1 W	
	\$ 36	\$ 31	
P	\$ 1	\$ 6	
T 13 S			
1924			

From which  
 Mesquite, 5 ins. in diam., brs. N. 1° E., 211 lks. dist., marked T 12 S R 1 W S 31 B T.  
 Mesquite, 10 ins. in diam., brs. S. 20° E., 277 lks. dist., marked T 13 S R 1 W S 6 B T.  
 Mesquite, 10 ins. in diam., brs. S. 32° 45' W., 180 lks. dist., marked T 13 S R 2 W S 1 B T.  
 Mesquite, 12 ins. in diam., brs. N. 34° 30' W., 75 lks. dist., marked T 12 S R 2 W S 36 B T.  
 Land; level.  
 Soil; sandy loam, 1st rate.  
 Timber; scattering mesquite and palo verde.  
 Undergrowth; dense greasewood, ocotillo, and giant cactus.

GLO Corner #11 - Papago Indian Reservation.

An iron post, 2 ins. diam., 10 ins. above ground, firmly set, with brass cap mkd.

T	12	S	R	1	W
	S	25	S	30	
	S	36	S	31	
R	2	W			
		1936			
		1924			

BK 3260

(1936 added)

Reset in concrete, 36x15x9 ins., 32 ins. deep.

Reference mark No. 1 bears N.2°15'W., <sup>257.97 metres dist.,</sup> /12.824 chs. dist., and is 10 ft. S. of road, bears E. to South Well and W. to Perigua.

Reference mark No. 2 bears N.73°54'W., 16.495 metres dist.

Both are brass tablets in concrete forms, 30x12x7, 26 ins. deep.

Cor. was observed from Peri, Wind, Redondo, Grande; and occupied to observe Redondo and Grande.

Peri bears N.2°15'W.

A tan colored limestone butte bears N.74½°W., about 3 miles dist.; this is the most prominent butte in the valley.

-----

Corner can be reached by truck, as follows:

From Tracy's Store at San Simon, on Sells-Ajo Hwy., go west on Hwy

0.2 Turn right from Hwy. on any of 2 or 3 desert roads going NW. all soon join to become a MTR.

5.1 Indian Service fence, bears N. and S.; go thru gate; continue on MTR.

1.7 Road forks, keep left.

6.5 Intersect E. and W. road, about ½ mile E. of Perigua, turn sharp right onto this road and go E., passing S. of foot of high limestone butte, following on MTR.

1.8 Road forks at Peri Azimuth mark, take right fork.

1.7 Reference mark #1, on S. side of road.

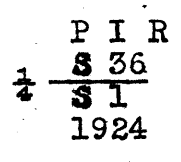
Roger F. Wilson  
U.S. Transitman

Survey of part of the North Boundary of Township 13 South, Range 2 West.

Chains From the corner of Ts. 12 and 13 S., Rs. 1 and 2 W., hereinbefore described:  
 West, on a random line, bet. secs. 1 and 36, 2 and 35, 3 and 34, and 4 and 33, setting temporary corners at intervals of 40.00 and 80.00 chs., to  
 320.00 Set temporary corner of secs. 4, 5, 32 and 33.  
 Thence S. 0° 2' E., on a random line, bet. secs. 4 and 5, and 8 and 9, setting temporary corners at intervals of 40.00 and 80.00 chs.  
 160.00 Set temporary corner of secs. 8, 9, 16 and 17.  
 Thence, west, on a random line, bet. secs. 8 and 17, and 7 and 18, setting temporary corners at intervals of 40.00 and 80.00 chs. to  
 159.26 Intersect west bdy. of T., 12 lks. N. of cor. of secs. 7, 12, 13 and 18, hereinbefore described. This falling answers to a correction of 2 lks. south per mile, or S. 89° 59' W.

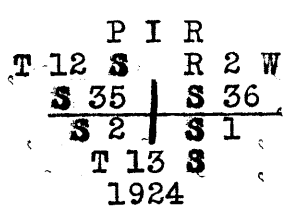
I return to the cor. of Ts. 12 and 13 S., Rs. 1 and 2 W., thence

S. 89° 59' W., on a true line, bet. secs. 1 and 36.  
 Over level land, thru dense brush and scattering timber  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



From which

Mesquite, 18 ins. in diam., brs. S. 31° 30' E., 169 lks. dist., marked 1/4 S 1 B T.  
 No other bearing tree available. Dig pits 18 x 18 x 12 ins., E. and W. of cor. 3 ft. dist.  
 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, marked on brass cap



From which

Mesquite, 8 ins. in diam., brs. N. 87° 30' E., 246 lks. dist., marked T 12 S R 2 W S 36 B T.  
 Mesquite, 5 ins. in diam., brs. S. 14° 30' E., 54 lks. dist., marked T 13 S R 2 W S 1 B T.  
 Mesquite, 5 ins. in diam., brs. S. 42° W., 57 lks. dist., marked T 13 S R 2 W S 2 B T.  
 Mesquite, 6 ins. in diam., brs. N. 70° W., 13 lks. dist., marked T 12 S R 2 W S 35 B T.

Land; level.  
 Soil; sandy loam, 1st rate.  
 Timber; scattering mesquite and palo verde.  
 Undergrowth; dense growth of greasewood, catclaw and cactus.

S. 89° 59' W., on a true line, bet. secs. 2 and 35.  
 Over gently rolling and level land, thru dense brush and scattering timber.  
 6.20 Dim road, brs. N. and S.  
 15.00 Leave level land, asc. 166 ft. over gradual E. slope to  
 30.34 Hill, on line. At this point raise a mound of stone, 3 ft. base 2 ft. high, on line. Desc. 123 ft. over

Survey of part of the  
North Boundary of Township 13 South, Range 2 West.

Chains SW. slope to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P I R  
 $\frac{1}{4}$  S 35  
S 2  
1924

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.

53.00 Leave hill, enter level land.

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,  
marked on brass cap

P I R  
T 12 S R 2 W  
S 34 | S 35  
S 3 | S 2  
T 13 S  
1924

From which

Mesquite, 8 ins. in diam., brs. N. 87° E., 290 lks.  
dist., marked T 12 S R 2 W S 35 B T.

Mesquite, 6 ins. in diam., brs. S. 87° E., 200 lks.  
dist., marked T 13 S R 2 W S 2 B T.

No other trees available.

Granite butte brs. N. 23° W.

Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
Land; gently rolling and level.

Soil; 2nd and 3rd rate.

Timber; palo verde and mesquite, scattering growth.  
Undergrowth; dense greasewood, ocotillo, and giant  
cactus.

40.00 S. 89° 59' W., on a true line, bet. secs. 3 and 34.  
Over level land; thru dense brush and scattering timber.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P I R  
 $\frac{1}{4}$  S 34  
S 3  
1924

From which

Mesquite, 6 ins. in diam., brs. N. 82° 45' W., 185  
lks. dist., marked  $\frac{1}{4}$  S 34 B T.

Mesquite, 5 ins. in diam., brs. S. 20° 30' W., 25  
lks. dist., marked  $\frac{1}{4}$  S 3 B T.

44.90 Old road, brs. N. and S.

69.10 Wash, 25 lks. wide, course S.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground, for cor. of secs. 3, 4, 33 and 34,  
marked on brass cap

P I R  
T 12 S R 2 W  
S 33 | S 34  
S 4 | S 3  
1924

From which

Mesquite, 6 ins. in diam., brs. N. 78° E., 180 lks.  
dist., marked T 12 S R 2 W S 34 B T.

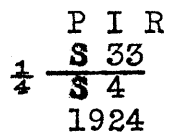
No other trees available.

Survey of part of the North Boundary of Township 13 South, Range 2 West.

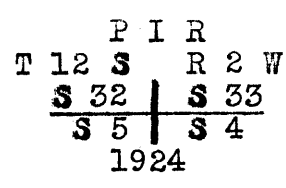
Chains

From this cor., the butte mentioned at the cor. of secs. 2, 3, 34 and 35, brs. N. 8° E. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist. Land; level. Soil; 1st rate. Timber; scattering mesquite. Undergrowth; dense greasewood, and mesquite brush.

S. 89° 59' W., on a true line, bet. secs. 4 and 33. Over level land, thru dense brush Wash, 30 lks. wide, course south. 17.70 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. 40.00 in the ground, for 1/4 sec. cor., marked on brass cap



No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor., 3 ft. dist. 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on brass cap



No bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist. From this cor. Perigua Indian Village brs. North about 2 1/2 miles. Land; level. Soil; adobe and sandy loam, 1st rate. Timber; none. Undergrowth; mesquite brush and dense greasewood.

Survey of part of the  
Subdivision Lines of Township 13 South, Range 2 West.

Chains From the cor. of Secs. 4, 5, 32 and 33, Ts. 12 and 13 S.,  
R. 2 W., hereinbefore described.  
S. 0° 2' E., on a true line, bet. secs. 4 and 5.  
Over-rolling and level land, thru dense brush and  
scattering timber.

15.80 Wash, 10 lks. wide, course SE.

20.10 Dim road, brs. NW. and SE.

35.00 Leave level land and asc. N. slope 161 ft. to top ridge.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in  
the ground to bed rock, deposit a stone marked with  
a cross (X) at base of post, and raise a mound of  
stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass  
cap

P  
I S 5 | S 4  
R 1924

No bearing trees available.

52.60 Ridge, brs. E. and W., about  $1\frac{1}{2}$  miles long. At this  
point raise a mound of stone 5 ft. base, 3 ft. high,  
on line. Desc. 164 ft. over S. slope.

72.80 Rocky knoll brs. west about 3.00 chs. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground for cor. of secs. 4, 5, 8 and 9, marked  
on brass cap

P T 13 S R 2 W  
I S 5 | S 4  
R S 8 | S 9  
1924

No bearing trees available. Raise a md. of stone 3 ft.  
base, 2 ft. high W. of cor.

Land; rolling and level.

Soil; 2nd and 4th rate.

Timber; scattering mesquite and palo verde.

Undergrowth; greasewood and cactus.

S. 0° 2' E., bet. secs. 8 and 9.  
Over-level land, thru dense brush and scattering timber.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

P  
I S 8 | S 9  
R 1924

From which

Mesquite, 4 ins. in diam., brs. S. 23° 30' E., 117  
lks. dist., marked B T., only.

Mesquite, 3 ins. in diam., brs. S. 33° 15' W., 148  
lks. dist., marked B T., only.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground, for cor. of secs. 8, 9, 16 and 17,  
marked on brass cap

P T 13 S R 2 W  
I S 8 | S 9  
R S 17 | S 16  
1924

From which

Mesquite, 6 ins. in diam., brs. N. 28° 15' E., 49 lks.  
dist., marked T 13 S R 2 W S 19 B T.

No other bearing trees available. Dig pits 18 x 18 x  
12 ins. in each sec. 3 ft. dist.

Land; level.

Survey of part of the  
Subdivision Lines of Township 13 South, Range 2 West.

Chains Soil; 1st rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; greasewood, catclaw and ocotillo.

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S. 89° 59' W., on a true line, bet. secs. 8 and 17.  
Over level land, thru dense brush and scattering timber.

5.00 Enter heavy timber, brs. N. and S.  
20.00 Leave heavy timber, brs. N. and S.  
24.00 Dim road brs. N. and S.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{r} \text{P I R} \\ \frac{1}{4} \frac{\text{S } 8}{\text{S } 17} \\ 1924 \end{array}$$

No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 7, 8, 17 and 18, marked on brass cap

$$\begin{array}{r} \text{P I R} \\ \text{T } 13 \text{ S } \quad \text{R } 2 \text{ W} \\ \frac{\text{S } 7}{\text{S } 18} \mid \frac{\text{S } 8}{\text{S } 17} \\ 1924 \end{array}$$

No bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
Land; level.  
Soil; 1st rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth: dense greasewood and ocotillo.

S. 89° 59' W., on a true line, bet. secs. 7 and 18.  
Over mountainous land; thru dense brush and scattering timber.

10.00 Leave level land, and asc. 693 ft. over steep rocky NE. slope, to  
39.00 Spur, slopes NW.,  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{r} \text{P} \\ \text{P I R} \\ \frac{1}{4} \frac{\text{S } 7}{\text{S } 18} \\ 1924 \end{array}$$

No bearing trees available. Desc. 383 ft. over steep SW. slope to  
63.10 Wash, course NW.  
68.10 Leave wash, asc. 88 ft. over steep NE. slope.  
79.26 The cor. of secs. 7, 12, 13 and 18, hereinafter described.  
Land; mountainous and level.  
Soil; 2nd and 4th rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; dense greasewood, ocotillo, cholla and giant cactus.

Survey of part of the  
West Boundary of Township 13 South, Range 2 West.

Chains From the cor. of secs. 19, 24, 25 and 30, T. 13 S., Rs. 2 and 3 W., G. & S. R. B. & M., a 2 in. iron post, properly marked, 12 ins. above ground, established by Lloyd E. Sechrist, U. S. Transitman, in 1918, under Group 84, Arizona, thence

North, bet. secs. 19 and 30.24

Over level and broken land, thru dense brush.

9.80 Wash, 10 lks. wide, course SE.

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

P		$\frac{1}{4}$	
I	S 24		S 19
R			1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, W. of cor.

42.00 Ravine, 30 lks. wide, course SW.

65.00 Hill, about 100 ft. high, brs. west, about 10.00 chs. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for cor. of secs. 13, 18, 19, and 24, marked on brass cap

P		T 13 S	
I	R 3 W		R 2 W
R	S 13		S 18
	S 24		S 19
			1924

No bearing trees available. Raise a md. of stone 4 ft. base, 2 ft. high, W. of cor.

Land; level and rolling.

Soil; 2nd and 3rd rate.

Timber; scattering palo verde and mesquite.

Undergrowth; greasewood brush, catclaw and ocotillo.

North, bet. secs. 13 and 18.

Over rolling and mountainous land, thru dense brush and scattering timber.

Asc. gradual S. slope 317 ft. to  $\frac{1}{4}$  sec. cor.

8.70 Wash, 20 lks. wide, course West.

26.30 At this point raise md. of stone 3 ft. base, 2 ft. high, on line.

40.00 Set an iron post, 3 ft. long, 1 ins. in diam., on surface rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

P		$\frac{1}{4}$	
I	S 13		S 18
R			1924

56.10 No bearing trees available. Asc. 698 ft. over NE. slope Ridge, brs. NW. and SE. At this point raise a mound of stone, 3 ft. base, 2 ft. high, on line, at west base of round knob. Desc. 507 ft. over NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 7, 12, 13 and 18, marked on brass cap



Survey of part of the  
West Boundary of Township 13 South, Range 2 West.

Chains

P I R	T 13 S	
	R 3 W.	R 2 W
	\$ 12	\$ 7
	\$ 13	\$ 18

1924

No bearing trees available.  
 Land; rolling and mountainous.  
 Soil; 3rd and 4th rate.  
 Timber; scattering mesquite and palo verde.  
 Undergrowth; greasewood brush, ocotillo and catclaw.

Resurvey of the  
Third Standard Parallel South, thru Range 1 East.

Chains The Third Standard Parallel South, thru R. 1 E., was surveyed by Homer McLaughlin, U. S. D. S., in 1893-4, The west three miles thereof were retraced by me in 1918, and the corner of Ts. 15 and 16 S., Rs. 1 E. and 1 W., reestablished by a 3 inch iron post, projecting 12 ins. above ground, firmly set, properly mkd. on brass cap and witnessed by 3 bearing trees, one each NE, SE, & SW. of cor. & 3 pits, one each E, W, and N. of cor. As there is no accepted surveyed land tied to the 3rd Std. Par. S., in R. 1 E., the line is subject to rectification by an independent resurvey, which is now executed as described in the following notes.

-----  
From the corner of Ts. 15 and 16 S., Rs. 1 E., and 1 W., hereinbefore described, thence East, on a true line, on the S. bdy. of sec. 31. Over level land, thru dense brush and scattering timber. Wash, 10 lks. wide, course SW.

35.40  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 31  
1924

From which  
Mesquite, 5 ins. in diam., brs. N. 57° 30' E., 160 lks. dist., marked  $\frac{1}{4}$  S 31 S C B T.  
Mesquite, 5 ins. in diam., brs. N. 1° 20' W., 400 lks. dist., marked  $\frac{1}{4}$  S 31 S C B T.

40.60 Old std.  $\frac{1}{4}$  sec. cor. brs. N. 35 lks. dist., laying on ground, a mesquite post 4 ins. sq. 3 ft. long, marked S C  $\frac{1}{4}$ . I destroy this cor.  
46.30 Road, brs. NE. and SW.  
50.00 Enter thick growth of mesquite brush, brs. N. and S.  
54.50 Leave " " " " " " NE. " SW.  
63.00 Enter " " " " " " NE. " SW.  
67.00 Leave mesquite thicket, brs. NE. and SW.  
68.40 Dim road, brs. N. and S.  
79.50 Indian tomb, brs. South 270 lks. dist.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for std. cor. of secs. 31 and 32, marked on brass cap

S C  
T 15 S R 1 E  
S 31 | S 32  
1924

From which  
Mesquite, 6 ins. in diam., brs. N. 2° 30' W., 80 lks. dist., marked T 15 S R 1 E S 31 S C B T.  
No other tree available. Dig pits E., W., and N. of cor. 3 ft. dist.  
No trace of old std. cor. of secs. 31 and 32.

Land; level.  
Soil; sandy and gravelly, 2nd and 3rd rate.  
Timber; mesquite and ironwood.  
Undergrowth; mesquite brush, dense greasewood, ocotillo and giant cactus.

East, on a true line, on S. bdy. of sec. 32. Over nearly level land, thru dense brush and scattering timber.

18.00 Enter heavy growth of mesquite timber, brs. NE. and SW.

Resurvey of the  
Third Standard Parallel South, thru Range 1 East.

## Chains

- 19.00 Wash, 20 links wide, course SW.  
20.00 Leave heavy mesquite timber, brs. NE. & SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 32  
1924

## From which

- Mesquite, 6 ins. in diam., brs. N. 27° W., 19 lks. dist., marked  $\frac{1}{4}$  S 31 S C B T.  
Mesquite, 4 ins. in diam., brs. N. 34° E., 71 lks. dist., marked  $\frac{1}{4}$  S 32 S C B T.  
No trace of old std.  $\frac{1}{4}$  sec. cor.  
48.00 Wash, 30 lks. wide, course SW. Heavy palo verde, ironwood and mesquite timber along banks.  
51.00 Enter same wash, from east.  
55.00 Leave wash, from NE.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for std. cor. of secs. 32 and 33, marked on brass cap

S C  
T 15 S R 1 E  
S 32 | S 33  
1924

## From which

- Mesquite, 10 ins. in diam., brs. N. 29° E., 98 lks. dist., marked T 15 S R 1 E S 33 S C B T.  
No other bearing tree available. Dig pits 18 x 18 x 12 ins. E. and W., and N. of cor. 3 ft. dist.  
Land; level.  
Soil; gravelly, 3rd rate.  
Timber; palo verde, ironwood, and mesquite.  
Undergrowth; dense greasewood brush, ocotillo and giant cactus.

East, on a true line, on the S. bdy. of sec. 33.  
Over nearly level land, thru dense brush.

- 4.60 Dim road, brs. N. and S.  
19.50 Wash, 10 lks. wide, course S. 30° W.  
30.50 Wash, 10 lks. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C.  
 $\frac{1}{4}$  S 33  
1924

## From which

- Mesquite, 6 ins. in diam., brs. N. 75° 00' E., 92 lks. dist., marked  $\frac{1}{4}$  S 33 S C B T.  
Mesquite, 6 ins. in diam., brs. N. 52° 45' W., 107 lks. dist., marked  $\frac{1}{4}$  S 33 S C B T.  
No trace of old std.  $\frac{1}{4}$  sec. cor. of sec. 33.  
51.80 Old road, brs. NE. and SW.  
74.30 Wash, course S.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for std. cor. of secs. 33 and 34, marked on brass cap

Resurvey of the  
Third Standard Parallel South, thru Range 1 East.

Chains

S C  
T 15 S R 1 E  
S 33 | S 34  
1924

From which

Mesquite, 10 ins. in diam., brs. N. 60° W., 142 lks.  
dist., marked T 15 S R 1 E S 33 S C B T.

Mesquite, 6 ins. in diam., brs. N. 56° 30' E., 192  
lks. dist. (Old. B. T.). I re-mark

T 15 S R 1 E S 34 S C B T.

From this cor. the old std. cor. of secs. 33 and 34 brs.

N. 77° 45' E., 208 lks. dist., which is an ironwood post  
5 ins. sq., 12 ins. in the ground.

I dig up this old post and set it alongside the iron  
post, 2 ft. in the ground, and destroy old corner  
accessories.

Land; nearly level.

Soil; gravelly, 3rd rate.

Timber; scattering mesquite, palo verde and ironwood.

Undergrowth; dense growth of greasewood, ocotillo, and  
cactus.

East, on a true line, on S. bdy. of Sec. 34.

Over rolling land, thru dense brush.

- 2.50 Wash, 40 lks. wide, course south.  
18.00 Wash, 30 lks. wide, course south.  
21.00 Bend in same wash, from NE. to NW.  
29.50 Wash, 20 lks. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass  
cap

S C  
 $\frac{1}{4}$  S 34  
1924

From which

Ironwood, 8 ins. in diam., brs. N. 40° E., 248 lks.  
dist., marked  $\frac{1}{4}$  S 34 S C B T.

No other bearing tree available. Raise a mound of stone,  
2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.

- 42.37 Old std.  $\frac{1}{4}$  sec. cor. of Sec. 34, brs. North, 37 lks.  
Ironwood post, 6 ins. sq., 3 ft. long, marked S C  $\frac{1}{4}$   
I destroy this corner.

- 53.00 Wash, 50 lks. wide, course SW.  
70.50 Wash, 30 lks. wide, course south.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground for std. cor. of secs. 34 and 35,  
marked on brass cap

S C  
T 15 S R 1 E  
S 34 | S 35  
1924

From which

Ironwood, 6 ins. in diam., brs. N. 50° 15' E., 320  
lks. dist., marked T 15 S R 1 E S 35 S C B T.

Ironwood, 8 ins. in diam., brs. N. 19° 30' W., 213  
lks. dist., marked T 15 S R 1 E S 34 S C B T.

No other bearing trees available.

Land; level, and broken.

Soil; gravelly, 3rd rate.

Timber; Ironwood, mesquite and palo verde.

Undergrowth; greasewood brush, ocotillo, and giant cactus.

Resurvey of the  
Third Standard Parallel South, thru Range 1 East.

- Chains East, on a true line, on the S. bdy. of sec. 35.  
Over level land, thru dense brush and scattering timber.
- 2.70 Old std. cor. of secs. 34 and 35, brs. North 35 lks.  
dist., a granite stone 4 x 8 x 12 ins., mkd. with  
2 notches on E., and 4 notches on W. edges, S C on  
N. face. I set this same stone alongside the new  
cor. to secs. 34 and 35, 10 ins. in the ground.
- 34.90 Wash, 20 lks. wide, course South.
- 38.90 Dim road, brs. NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass  
cap

S C  
 $\frac{1}{4}$  S 35  
1924

- From which
- Mesquite, 10 ins. in diam., brs. N. 20° E., 275 lks.  
dist., marked  $\frac{1}{4}$  S 35 S C B T.
- Mesquite, 4 ins. in diam., brs. N. 27° 15' W., 86  
lks. dist., marked  $\frac{1}{4}$  S 35 S C B T.
- 43.00 Old std.  $\frac{1}{4}$  sec. cor. of Sec. 35, brs. North, 44 lks.  
dist. A granite stone marked S C  $\frac{1}{4}$  on N. face.  
I destroy this corner.
- 62.50 Wash, 70 lks. wide, course SW.
- 75.00 Malpais hill, brs. South, about 3.50 chs. dist.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground for std. cor. of secs. 35 and 36,  
marked on brass cap

S C  
T 15 S R 1 E  
S 35 | S 36  
1924.

No bearing trees available. Raise a md. of stone, 3 ft.  
base, 2 ft. high, N. of cor.  
Land; nearly level.  
Soil; sandy and gravelly, 2nd and 3rd rate.  
Timber; mesquite, ironwood and palo verde.  
Undergrowth; greasewood, ocotillo, catclaw and giant  
cactus.

- East, on a true line, on the South bdy. of Sec. 36.  
Over nearly level land, thru dense brush and scattering  
timber.
- 0.08 Giant cactus, 8 ft. high, on line.
- 3.35 Old std. cor. of secs. 35 and 36, brs. North 94 lks., a  
granite stone 10 x 12 x 4 ins., marked with 5 notches  
on W., and 1 notch on E., and S C on N. faces. I de-  
stroy this cor.
- 10.00 Stock trail, brs. NW. and SE.
- 21.70 Wash, 30 lks. wide, course NW.
- 35.00 Asc. SW. slope over boulders.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins.  
in the ground to bed rock, deposit a stone marked  
with a cross (X) at base of post, and raise a mound  
of stone around post, for std.  $\frac{1}{4}$  sec. cor., marked  
on brass cap

S C  
 $\frac{1}{4}$  S 36  
1924

Resurvey of the  
Third Standard Parallel South, thru Range 1 East.

## Chains

- 43.54 Old. std.  $\frac{1}{4}$  sec. cor., brs. North, 112 lks. dist., a volcanic stone 12 x 8 x 6 ins. marked S C  $\frac{1}{4}$  on N. face; I destroy this cor. Asc. 301 ft. over SW. slope to.
- 59.43 Top of spur, slopes NW. At this point raise a mound of stone 3 ft. base, 2 ft. high, on line. Desc. 50 ft. over NE. slope to
- 77.85 Head of wash, course North, asc. over rolling NW. slope.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for std. cor. of T. 15 S., Rs. 1 and 2 E., marked on brass cap

S C  
T 15 S  
R 1 E R 2 E  
S 36 | S 31  
1924

No bearing trees available. Raise a md. of stone  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high N. of cor.

Land; level and mountainous.

Soil; 2nd and 4th rate.

Timber; mesquite, palo verde and ironwood.

Undergrowth; dense greasewood, catclaw, ocotillo, and giant cactus.

Resurvey of the  
Third Standard Parallel South, thru Range 2 East.

- Chains From the cor. of Secs. 31 and 36, on the 3rd Std. Par. S., being the std. cor. of T. 15 S., Rs. 1 and 2 E., hereinbefore described, thence East, on a true line on the S. bdy. of Sec. 31. Over mountainous land, thru dense brush and scattering timber.
- Asc. 114 ft. over NW. slope.
- 5.56 Old std. cor. of T. 15 S., Rs. 1 and 2 E., brs. North 85 lks. dist., a volcanic stone 14 x 6 x 5 ins. in a small mound of stone, marked with 6 notches on N., E. and W. faces, and S C on N. face. I destroy this corner.
- 5.75 Change to NE. slope, desc. 127 ft. to
- 18.00 Head of ravine, course N. Asc. 177 ft. over W. slope to
- 28.00 Spur, slopes N. Desc. 61 ft. over gradual NE. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap.

S C  
 $\frac{1}{4}$  S 31  
1924

- No bearing trees available. Asc. 99 ft. over gradual NW. slope.
- 46.21 Old  $\frac{1}{4}$  sec. cor. of sec. 31, brs. North 65 lks. dist., a volcanic stone 18 x 12 x 10 ins. in a md. of stone, marked S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 50.00 Ridge, brs. NE. and SW. At this point raise a md. of stone, 3 ft. base, 2 ft. high, on line. Desc. 294 ft. over steep SE. slope.
- 65.00 Wash, 40 lks. wide, course SW. Thence over level land.
- 71.00 Dim road, brs. NE. and SW.
- 74.00 Indian house, brs. N. 100 lks.
- 74.50 Right bank of wash, course SW.
- 78.50 Left bank, course SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for std. cor. of secs. 31 and 32, marked on brass cap

S C  
T 15 S R 2 E  
S 31 | S 32  
1924

From which

Palo verde, 10 ins. in diam., brs. N. 54° 30' E.,  
222 lks. dist., marked T 15 S R 2 E S 32 S C B T  
Palo verde, 12 ins. in diam., brs. N. 22° 30' W., 184  
lks. dist., marked T 15 S R 2 E S 31 S C B T.

Land; mountainous and level.

Soil; stony, 3rd and 4th rate.

Timber; palo verde and mesquite.

Undergrowth; dense greasewood brush, ocotillo, catclaw,  
and giant cactus.

- East, on a true line, on the S. bdy. of sec. 32.  
Over level land, thru dense brush.
- 3.70 Dim road, brs. NW. and SE.
- 6.90 Old std. cor. of secs. 31 and 32, brs. North 170 lks.,  
a granite stone 10 x 10 x 12 ins., firmly set, marked  
with 5 notches on E., and 1 notch on W., and S C on  
N. face. I set this old cor. with the new corner,  
10 ins. in the ground for a marked stone.

Resurvey of the  
Third Standard Parallel South, thru Range 2 East.

- Chains
- 15.00 Shallow wash, 20 lks. wide, course SW.
- 24.50 Dim road, brs. NE. and SW.
- 31.80 Old road, brs. N. 80° E., and S. 80° W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground for std. 1/4 sec. cor., marked on brass cap

S C  
1/4 S 32  
1924

From which  
 Ironwood, 8 ins. in diam., brs. N. 15° 30' E., 190 lks. dist., marked 1/4 S 32 S C B T.  
 Ironwood, 6 ins. in diam., brs. N. 54° W., 80 lks. dist., marked 1/4 S 32 S C B T.  
 A giant cactus, 14 ft. high, brs. N. 78° E., 10 lks. dist.

- 47.10 Old std. 1/4 sec. cor. brs. North, 136 lks., which is a granite stone 10 x 8 x 6 ins., marked S C 1/4 on N. face. I set this stone 8 ins. in the ground with the new std. 1/4 sec. cor., for marked stone.
- 60.40 Same road (mentioned at 31.80 chs.) brs. NW. and SE.
- 75.00 Old road brs. N. and S.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for std. cor. of secs. 32 and 33, marked on brass cap

S C  
T 15 S R 2 E  
S 32 | S 33  
1924

From which  
 Ironwood, 5 ins. in diam., brs. N. 83° 30' E., 60 lks. dist., marked T 15 S R 2 E S 33 S C B T.  
 Ironwood, 6 ins. in diam., brs. N. 32° 30' W., 73 lks. dist., marked B T (only).

Land; nearly level.  
 Soil; sandy and gravelly, 3rd rate.  
 Timber; ironwood, mesquite and palo verde.  
 Undergrowth; greasewood, ocotillo, giant cactus.

- East, on a true line, on S. bdy. of sec. 33.
- Over mountainous land, thru dense brush and scattering timber.
- Asc. 57 ft. over W. slope
- 7.50 Old std. cor. of secs. 32 and 33, brs. North, 170 lks., a granite stone 12 x 12 x 6 ins., marked with 4 notches on E., and 2 notches on W., S C on North face. I destroy this cor. Continue asc, 143 ft. over west slope to
- 16.17 Spur, slopes North. At this point raise a md. of stone 3 ft. base, 2 ft. high, on line. Desc. 143 ft. over E. slope to
- 26.50 Wash, course North. Asc. W. slope.
- 29.00 End of spur, slopes N., desc.
- 31.00 Wash, 20 lks. wide, course NW., Asc. 92 ft. over NW. slope
- 36.80 Spur, slopes North, desc. 42 ft. over E. slope.
- 39.50 Wash, 20 lks. wide, course N.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for std. 1/4 sec. cor., marked on brass cap



Resurvey of the  
Third Standard Parallel South, thru Range 2 East.

Chains

S C  
1/4 S 33  
1924

From which

- Ironwood, 5 ins. in diam., brs. N. 4° 15' W., 95 lks. dist., marked 1/4 S 33 S C B T.
- Palo verde, 5 ins. in diam., brs. N. 4° 30' W., 8 lks. dist., marked 1/4 S 33 S C B T.
- 48.30 Old std. 1/4 sec. cor. brs. North 145 lks. dist., a quartzite stone 14 x 8 x 3 ins. marked S C 1/4 on N. face. I destroy this corner.
- 48.50 Wash, 120 lks. wide; course north for 100 rods, thence west. Asc. 111 ft. over W. slope to
- 56.34 Spur, slopes north. Desc. 133 ft. over E. slope, to
- 69.30 Wash, 30 lks. wide, course North. Asc. 107 ft. over W. slope, to.
- 78.05 Ridge, brs. N. and S. At this point raise a mound of stone 2 ft. base, 1 ft. high, on line. Desc. 12 ft. over E. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to hard rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for std. cor. of secs. 33 and 34, marked on brass cap

S C  
T 15 S R 2 E  
S 33 | S 34  
1924

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.  
Land; rough and broken, stony and mountainous.  
Soil; rocky, 4th rate.  
Timber; palo verde and ironwood.  
Undergrowth; greasewood, ocotillo and giant cactus.

East, on a true line, on the S. bdy. of sec. 34.  
Over mountainous land; thru dense brush and scattering timber.

- 5.44 Wash, 10 lks. wide, course N. Asc. 28 ft. over W. slope
- 8.92 Old cor. of secs. 33 and 34, brs. North 140 lks. dist., a granite stone 12 x 8 x 6 ins. in a md. of stone, marked with 3 notched on E. and W., and S C on N. faces. I destroy this cor.
- 9.50 Ridge, brs. N. and S., Desc. 104 over gradual E. slope to wash.
- 18.80 Old road brs. NW. and SE.
- 20.80 Wash, 50 lks. wide, course S. Asc. 45 ft. over W. slope to std. 1/4 sec. cor.
- 23.40 Old road, brs. N. and S.
- 26.10 Ridge, brs. N. and S. At this point raise a mound of stone, 3 ft. base, 2 ft. high, on line.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for std. 1/4 sec. cor., marked on brass cap

S C  
1/4 S 34  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.

Resurvey of the  
Third Standard Parallel South, thru Range 2 East.

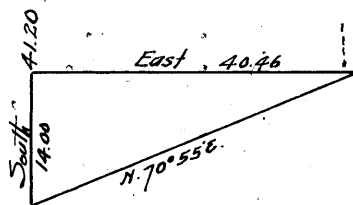
- Chains  
41.20 Triangulation point. Continue chaining. Asc. 80 ft. to foot of Quijotoa Mt.  
49.00 Diligent search in this vicinity fails to reveal any trace of orig. std.  $\frac{1}{4}$  sec. cor.  
57.00 Foot of Quijotoa Mountain. Asc. 550 ft. to foot of cliff.  
61.00 An old stamp mill brs. South about 20 chs. dist.  
63.12 Tramway track brs. N. and S.  
67.75 Old pack trail, brs. NW. and SE.  
76.45 Foot of cliff about 600 ft. high, bearing N. and S., facing west, on the west side of Quijotoa Mountain. Chaining beyond this point is impracticable, therefore triangulate, as follows:

Set flag ahead on parallel at top of cliff.

From 41.20 ch. station on parallel, measure a base South, 14.00 chs.

From S. end of Base the flag bears N.  $70^{\circ} 55'$  E.

From N. end of base the vertical angle to flag is  $+24\frac{1}{2}^{\circ}$



Dist. on parallel =	41.20 chs. East
Dist. triangulated =	40.46 " "
Total dist. =	81.66 " "

- 80.00 True point for reestablishment of std. cor. of secs. 34 and 35, falls on face of cliff where it is inaccessible, therefore establish witness cor. at 1.66 chs. East as hereinafter described.

Land; mountainous.

Soil; rocky, 4th rate.

Timber; scattering palo verde.

Undergrowth, scrub palo verde and greasewood.

From true point for reestablished std. cor. of secs. 34 and 35.

East, on a true line, on South bdy. of sec. 35.

Over mountainous land, thru very scattering timber, and scattering undergrowth. Measurement by triangulation to

- 1.66 Triangulation point at top of cliff, bearing N. and S., facing west.

Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a md. of stone around post, for witness cor. to reestablished std. cor. of secs. 34 and 35, marked on brass cap

W.C.S.C  
T 15 S R 2 E  
S 34 | S 35  
1924

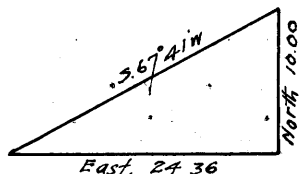
No bearing trees available. Continue line and measurement by chaining. Asc. 113 ft. over W. slope

- 2.64 An old stope, 4 ft. wide, 50 ft. long, 3 ft. deep, brs. N. and S.

- 6.36 Top of Quijotoa Mountain brs. N.  $20^{\circ}$  W., and S.  $20^{\circ}$  E., Raise a md. of stone, 4 ft. base, 3 ft. high, on line, at this point. Precipitous descent over cliffs beyond this point prevents chaining, therefore triangulate as follows:

Resurvey of the  
Third Standard Parallel South, thru Range 2 East.

Chains



Set flag on parallel at this point.

From a point ahead on parallel, measure a base North, 10.00 chs.

From N. end of base the flag bears S.  $67^{\circ} 41'$  W.

From S. end of base the vertical angle to flag is  $+32\frac{1}{4}^{\circ}$ .

Dist. on parallel = 6.36 chs. East.

Dist. triangulated = 24.36 " "

Total dist. = 30.72 " "

30.72 Triangulation point, 1008 ft. below top of Quijotoa Mt.

From this point an old mill site brs. N. about 10 chs. dist. Continue line and measurement by chaining. Desc. 105 ft. over E. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post for  $\frac{1}{4}$  sec. cor., marked on brass cap

S C

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

1924

No bearing trees available. Continue desc. 120 ft. over E. slope.

The S. E. C. mon. of patented Mineral Survey No. 621, the No. One lode, brs. N.  $8^{\circ} 15'$  E., 24.38 chs. dist., which is a md. of stone 3 ft. base, 1 ft. high. There has been a square post in the md., but it has been destroyed. I rebuild md. 4 ft. base, 2 ft. high.

I identify this cor. from the original record of the course and distance to the old std.  $\frac{1}{4}$  sec. cor. of sec. 35.

The S. E. C. mon. of patented Mineral Survey No. 622, the No. 2 lode, brs. N.  $27^{\circ} 15'$  E., 27.52 chs., which is a md. of stone 3 ft. base, 1 ft. high. There has been an old post in md. but it is destroyed. I rebuild this md. 4 ft. base, 2 ft. high.

I identify this cor. from the original record of the course and distance to the old std.  $\frac{1}{4}$  sec. cor. of sec. 35.

"Logan City" camp abandoned, all buildings destroyed by fire.

51.93 Old std.  $\frac{1}{4}$  sec. cor. of sec. 35, brs. North, 75 lks. dist., a granite stone 6 x 8 x 12 ins. in small md. of stone, marked S C  $\frac{1}{4}$  on N. face. I destroy this cor.

A md. of stone 3 ft. base, 2 ft. high, brs. North 80 lks. dist. Desc. 259 ft. on E. slope to std. sec. cor.

69.00 Old pipe line, brs. NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for std. cor. of secs. 35 and 36, marked on brass cap

S C

T 15 S R 2 E

S 35 | S 36

1924

No bearing trees available.

Resurvey of the  
Third Standard Parallel South, thru Range 2 East.

Chains Land; mountainous.  
Soil; 4th rate.  
Timber; scattering palo verde and mesquite.  
Undergrowth; dense greasewood.  
There are numerous prospect holes on the side of the mountain.

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East, on a true line, on the S. bdy. of sec. 36.  
Over gradual E. slope, thru dense brush and palo verde timber.  
Desc. 72 ft. to std.  $\frac{1}{4}$  sec. cor.  
1.00 Wash, course N. 70° E.  
5.00 Same wash, course S. 70° E.  
9.00 Same wash, course N. 70° E.  
12.70 Old std. cor. of secs. 35 and 36, brs. North, 75 lks. dist., a granite stone 12 x 10 x 7 ins. in a md. of stone, marked 1 notch on E., 5 notches on W., and S C on N. faces. I destroy this cor.  
14.00 Same wash, 100 lks. wide, course SE.  
17.20 Wash, 30 lks. wide, course SE.  
20.40 Old road, brs. NW. and SE.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 36  
1924

From which  
Ironwood, 11 ins. in diam., brs. N. 33° W., 88 lks. dist., marked  $\frac{1}{4}$  S 36 S C B T.  
Ironwood, 6 ins. in diam., brs. N. 61° 30' E., 137 lks. dist., marked  $\frac{1}{4}$  S 36 S C B T.  
Desc. 63 ft. over gradual E. slope to std. sec. and Tp. cor.  
43.40 Old road, brs. NW. and SE.  
53.00 Old std.  $\frac{1}{4}$  sec. cor. of sec. 36, brs. N. 75 lks. dist., a granite stone 14 x 10 x 6 ins., in small md. of stone, marked S C  $\frac{1}{4}$  on N. face, destroy old cor. and obliterate markings on B. T.  
53.30 Wash, 20 lks. wide, course SE.  
56.50 Old road, brs. N. and S.  
59.00 Drain, course SE.  
74.00 Drain, course SE.  
79.50 Wash, 20 lks. wide, course south.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for std. cor. of T. 15 S., Rs. 2 and 3 E., marked on brass cap

S C  
T 15 S  
R 2 E | R 3 E  
S 36 | S 31  
1924

From which  
Mesquite, 5 ins. in diam., brs. N. 41° E., 120 lks. dist., marked T 15 S R 3 E S 31 S C B T.  
Ironwood, 6 ins. in diam., brs. N. 60° W., 48 lks. dist., marked T 15 S R 2 E S 36 S C B T.  
This cor. is 1618 ft. below top of mountain.  
Land; rough and broken east slope.  
Soil; sandy and gravelly, 3rd rate.  
Timber; ironwood, mesquite and palo verde.  
Undergrowth; dense greasewood brush, ocotillo and giant cactus.

Resurvey of the  
Third Standard Parallel South, thru Range 3 East.

- Chains From the std. cor. of T. 15 S., Rs. 2 and 3 E., on the Third Standard Parallel South, hereinbefore described East, on a true line, on S. bdy. of Sec. 31, T. 15 S., R. 3 E.
- Over level land, thru dense brush and scattering timber.
- 13.30 Original std. cor. of T. 15 S., Rs. 2 and 3 E., bears North, 77 lks. dist., an old post in md. of stone, pits still visible. I destroy this cor.
- 15.50 Drain, course SE.
- 18.10 Wash, 30 lks. wide, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 31  
1924

- From which
- Mesquite, 6 ins. in diam., brs. N.  $73^{\circ} 30'$  W., 51 lks. dist., marked  $\frac{1}{4}$  S 31 S C B T.
- No other bearing tree available. Dig pits 18 x 18 x 12 ins., E. and W. of cor. 3 ft. dist.
- 50.30 Shallow wash, 20 lks. wide, course SW.
- 55.78 Orig. std.  $\frac{1}{4}$  sec. cor. brs. North 104 lks. dist., a mesquite post, 3 ins. in diam., projecting 12 ins. above ground, flattened, marked S C  $\frac{1}{4}$  on N. face, in a good state of preservation. I destroy this cor.
- 60.90 Old road, brs. NW. and SE.
- 75.50 Old road, brs. NW. and SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for std. cor. of secs. 31 and 32, marked on brass cap

S C  
T 15 S R 3 E  
S 31 | S 32  
1924

- From which
- Mesquite, 6 ins. in diam., brs. N.  $72^{\circ}$  E., 220 lks. dist., marked T 15 S R 3 E S 32 S C B T.
- Mesquite, 5 ins. in diam., brs. N.  $30^{\circ}$  W., 108 lks. dist., marked T 15 S R 3 E S 31 S C B T.
- Land; nearly level.
- Soil; 2nd rate.
- Timber; mesquite, ironwood and palo verde.
- Undergrowth; dense greasewood brush, ocotillo and giant cactus.

- East, on a true line, on S. bdy. of sec. 32.
- Over level land, thru dense brush and scattering timber.
- 6.50 Drain, course SE.
- 15.80 Original std. cor. of secs. 31 and 32, brs. North, 95 lks., a mesquite post, 4 ins. sq., projecting 12 ins. above ground, marked with 1 groove on W., 5 grooves on E., and S C on N. faces. Post is in a good state of preservation. I destroy this corner.
- 28.30 Wash, 10 lks. wide, course SE.
- 32.90 Old road, brs. S.  $30^{\circ}$  E., and N.  $30^{\circ}$  W.
- 36.80 Drain, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, marked on brass cap

Resurvey of the  
Third Standard Parallel South, thru Range 3 East.

Chains

S C  
 $\frac{1}{4}$  S 32  
1924

- From which  
Mesquite, 8 ins. in diam., brs. N. 31° E., 128 lks.  
dist., marked  $\frac{1}{4}$  S 32 S C B T.  
Ironwood, 6 ins. in diam., brs. N. 62° 45' W., 105  
lks. dist., marked  $\frac{1}{4}$  S 32 S C B T.
- 55.83 Orig. std.  $\frac{1}{4}$  sec. cor. brs. North 83 lks. dist., a mes-  
quite post, flattened 6 ins. in diam., projecting  
24 ins. above ground, firmly set, marked S C  $\frac{1}{4}$  on N.  
face. I destroy this cor.
- 58.50 Enter overflow land, series of washes, course SE. Heavy  
timber.
- 61.70 Leave overflow land, brs. SE.
- 65.75 Road to Covered Wells and Sells, brs. NW. and SE.
- 71.50 Drain, course SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for std. cor. of secs. 32 and 33,  
marked on brass cap

S C  
T 15 S R 3 E  
S 32 | S 33  
1924

- From which  
Ironwood, 5 ins. in diam., brs. N. 5° 30' E., 112  
lks. dist., marked T 15 S R 3 E S 33 S C B T.  
No other bearing tree available. Dig pits 18 x 18 x 12  
ins. E., W., and N. of cor., 3 ft. dist.  
Land; level.  
Soil; 2nd rate.  
Timber; mesquite, ironwood and palo verde.  
Undergrowth; dense greasewood and catclaw brush.

- East, on a true line, on S. bdy. of sec. 33.  
Over level land, thru dense brush and scrub timber.
- 11.00 Wash, 10 lks. wide, course S.
- 15.80 No trace of old std. cor. of secs. 32 and 33.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 33  
1924

- From which  
Mesquite, 8 ins. in diam., brs. N. 24° 30' E., 146  
lks. dist., marked  $\frac{1}{4}$  S 33 S C B T.  
Mesquite, 5 ins. in diam., brs. N. 35° W., 63 lks.  
dist., marked  $\frac{1}{4}$  S 33 S C B T.
- 55.35 Dim road, brs. NW. and SE.
- 55.93 Old std.  $\frac{1}{4}$  sec. cor. of sec. 33, brs. North 112 lks.  
dist., a mesquite post, 4 ins. sq., 2 ft. long,  
marked S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 66.90 Old road, brs. N. and S.
- 69.80 Wash, 10 lks. wide, course S.
- 74.00 Wash, 30 lks. wide, course S.
- 77.50 Wash, 20 lks. wide, course S.
- 78.00 South end of field brs. North, about 7.00 chs. dist.

Resurvey of the  
Third Standard Parallel South, thru Range 3 East.

## Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for std. cor. of secs. 33 and 34, marked on brass cap

S C  
T 15 S R 3 E  
S 33 | S 34  
1924

No bearing trees available. Dig pits 18 x 18 x 12 ins. E., W. and N. of cor. 3 ft. dist.

Land; level.

Soil; 1st rate.

Timber; scattering mesquite, palo verde and ironwood.

Undergrowth; dense greasewood and mesquite brush.

East, on a true line, on S. bdy. of sec. 34.

Over level land, thru dense brush and scattering timber, in overflow land.

5.00 Leave overflow land, course south.

10.90 Dim road, brs. N. and S.

15.90 No trace of old std. cor. of secs. 33 and 34 (in old field).

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 34  
1924

From which

Mesquite, 4 ins. in diam., brs. N. 87° 30' E., 164 lks. dist., marked  $\frac{1}{4}$  S 34 S C B T.

Mesquite, 5 ins. in diam., brs. N. 28° 30' W., 63 lks. dist., marked  $\frac{1}{4}$  S 34 S C B T.

52.50 Wash, 10 lks. wide, course SW.

55.90 No trace of old std.  $\frac{1}{4}$  sec. cor.

67.90 Drain, course SW. Enter thick growth of mesquite brush.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for std. cor. of secs. 34 and 35, mkd, on brass cap

S C  
T 15 S R 3 E  
S 34 | S 35  
1924

From which

Mesquite, 8 ins. in diam., brs. N. 71° 45' E., 79 lks. dist., marked T 15 S R 3 E S 35 S C B T.

Mesquite, 6 ins. in diam., brs. N. 11° 30' W., 146 lks. dist., marked T 15 S R 3 E S 34 S C B T.

Land; level.

Soil; 1st rate.

Timber; mesquite, ironwood and palo verde.

Undergrowth; dense greasewood and mesquite brush.

East, on a true line, on the S. bdy. of Sec. 35.

Over level land, thru dense brush.

3.80 Drain, course SW.

Resurvey of the  
Third Standard Parallel South, thru Range 3 East.

- Chains  
16.30 Old std. cor. of secs. 34 and 35, brs. North, 54 lks. dist., a mesquite post 5 ins. sq., 2 ft. long, marked with 2 grooves on E., 4 grooves on W., and S C on N. faces. I destroy this cor, and obliterate markings on bearing trees.  
22.30 Road, brs. N. 60° E., and S. 60° W.  
28.40 Wash, 30 lks. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 35  
1924

From which

- Mesquite, 6 ins. in diam., brs. N. 29° 30' E., 51 lks. dist., marked  $\frac{1}{4}$  S 35 S C B T.  
Mesquite, 12 ins. in diam., brs. N. 89° W., 165 lks. dist., marked  $\frac{1}{4}$  S 35 S C B T.  
56.30 No trace of old  $\frac{1}{4}$  sec. cor.  
58.70 Drain, brs. SW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for std. cor. of secs. 35 and 36, marked on brass cap

S C  
T 15 S R 3 E  
S 35 | S 36  
1924

From which

- Mesquite, 6 ins. in diam., brs. N. 33° E., 83 lks. dist., marked T 15 S R 3 E S 36 S C B T.  
Palo verde, 8 ins. in diam., brs. N. 22° 30' W., 67 lks. dist., marked T 15 S R 3 E S 35 S C B T.  
Land; level.  
Soil; 1st rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; mesquite brush, dense greasewood and catclaw.

- East, on a true line, on S. bdy. of Sec. 36.  
Over nearly level land, thru dense brush.  
3.80 Drain, course SW.  
12.20 Wash, 10 lks. wide, course SW.  
16.47 Orig. std. cor. of secs. 35 and 36, brs. N. 41 lks. dist., a mesquite post, 5 ins. sq., projecting 12 ins. above ground, firmly set and marked with 5 notches on W., 1 notch on E., and S. C. on N. faces. I destroy this cor.  
40.00 True point for std.  $\frac{1}{4}$  sec. cor. falls in wash, 15 lks. wide, course SW.  
40.50 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for W. C. to std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
W C  $\frac{1}{4}$  S 36  
1924

From which

- Ironwood, 10 ins. in diam., brs. N. 62° E., 47 lks. dist., marked  $\frac{1}{4}$  S 36 W C S C B T.  
Ironwood, 12 ins. in diam., brs. N. 88° W., 31 lks. dist., marked  $\frac{1}{4}$  S 36 W C S C B T.



Resurvey of the  
Third Standard Parallel South, thru Range 3 East

Chains

- 56.28 Old std.  $\frac{1}{4}$  sec. cor. of sec. 36, brs. North 58 lks. dist., decayed post in md. of earth and gravel, witnessed by B. T. I destroy old cor., and obliterate markings on B. T.
- 62.50 Road, brs. NE. and SW.
- 64.90 Ironwood tree, 24 ins. in diam., on line, marked with 2 notches on each of east and west faces.
- 65.50 Wash, 70 lks. wide, course S.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for std. cor. of T. 15 S., Rs. 3 and 4 E., marked on brass cap

S C  
T 15 S  
R 3 E | R 4 E  
S 36 | S 31  
1924

From which.

- Palo verde, 8 ins. in diam., brs. S. 31° E., 40 lks. dist., marked B. T., only.
- Giant cactus, 20 ft. high, with 2 arms on south side, brs. N. 61° W., 110 lks. dist.
- No other bearing trees available. Raise a md. of stone, 3 ft. base, 2 ft. high, N. of cor.
- Land; nearly level.
- Soil; 1st rate.
- Timber; ironwood, palo verde and mesquite.
- Undergrowth; dense growth of greasewood and ocotillo.

Resurvey of the  
Third Standard Parallel South, thru Range 4 East.

Chains	From the std. cor. of T. 15 S., Rs. 3 and 4 E., on the Third Standard Parallel South, hereinbefore described East, on a true line, on S. bdy. of Sec. 31. Over nearly level land, thru dense brush and scattering timber.
15.00	Dry wash, 50 lks. wide, course S. 70° W.
16.60	Old std. cor. of T. 15 S., Rs. 3 and 4 E., brs. North, 25 lks. dist., a mesquite post, 4 ins. sqd., projecting 10 ins. above the ground, in good state of preservation, marked with 6 grooves on each of E., W. and N. faces, and S C on N. face. I destroy this cor.
16.70	Enter wash, course S. 80° W., from east.
19.00	Leave wash, course West, from N. 80° E.
25.83	Cross dam to a dry tank, 4 ft. high; about 5.00 chs. N. and S.
31.00	Leave tank, brs. NE. and SW.
37.00	Dim road, brs. NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground for std. $\frac{1}{4}$ sec. cor., marked on brass cap
	<p>S C <math>\frac{1}{4}</math> S 31 1924</p>
	From which Palo verde, 8 ins. in diam., brs. N. 23° 30' E., 63 lks. dist., marked $\frac{1}{4}$ S 31 S C B T. Mesquite, 8 ins. in diam., brs. N. 22° W., 32 lks. dist., marked $\frac{1}{4}$ S 31 S C B T.
56.94	Old std. $\frac{1}{4}$ sec. cor. brs. South, 31 lks. dist., a volcanic stone 14 x 6 x 4 ins., in small md. of stone, marked S C $\frac{1}{4}$ on N. face. I destroy this corner.
62.40	Drain, course S. 70° W.
73.30	Wash, 20 lks. wide, course SW.
73.80	Round hill, brs. South, about 10.00 chs. dist.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for std. cor. of secs. 31 and 32, marked on brass cap
	<p>S C T 15 S   R 4 E S 31   S 32 1924</p>
	From which Mesquite, 6 ins. in diam., brs. N. 42° 30' E., 184 lks. dist., marked T 15 S R 4 E S 32 S C B T. Ironwood, 8 ins. in diam., brs. N. 13° 30' W., 178 lks. dist., marked T 15 S R 4 E S 31 S C B T, Land; nearly level. Soil; 2nd rate. Timber; ironwood, mesquite and paloverde. Undergrowth; dense greasewood, catclaw and ocotillo.
	East, on a true line, on S. bdy. of sec. 32. Over broken land, thru dense brush and scattering timber.
7.50	Wash, 10 lks. wide, course SW.
17.20	Old std. cor. of secs. 31 and 32, brs. South 70 lks. dist., a granite stone 10 x 5 x 5 ins. in small md. of stone, marked with 5 notches on E., 1 notch on W., and S C on N. faces. I destroy this corner.
26.80	Drain, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for std. $\frac{1}{4}$ sec. cor., marked on brass cap

Resurvey of the  
Third Standard Parallel South, thru Range 4 East.

Chains

S C

 $\frac{1}{4}$  S 32

1924

From which

Mesquite, 6 ins. in diam., brs. N. 62° 15' E., 98 lks. dist., marked  $\frac{1}{4}$  S 32 S C B T.

Mesquite, 6 ins. in diam., brs. N. 85° W., 98 lks. dist., marked  $\frac{1}{4}$  S 32 S C B T.

42.50 Wash, 30 lks. wide, course SW.

50.00 Dim road, brs. NE. and SW.

56.10 Old std.  $\frac{1}{4}$  sec. cor., brs. South 6 lks. The only remaining evidence is a md. of stone which I destroy. At this point I raise a md. of stone, 3 ft. base, 2 ft. high, on line.

61.50 Rocky wash, 10 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, and raise a mound of stone around post, for std. cor. of secs. 32 and 33, marked on brass cap

S C

T 15 S R 4 E

 $\frac{1}{4}$  S 32 | S 33

1924

From which

Ironwood, 6 ins. in diam., brs. N. 50° E., 63 lks. dist., marked T 15 S R 4 E S 33 S C B T.

Ironwood, 6 ins. in diam., brs. N. 82° W., 98 lks. dist., marked T 15 S R 4 E S 32 S C B T.

Land; rolling and broken.

Soil; sandy, 2nd and 3rd rate.

Timber; scattering ironwood and palo verde.

Undergrowth; greasewood, catclaw, ocotillo and giant cactus.

East, on a true line, on S. bdy. of sec. 33.

Over rolling and broken land, thru dense brush.

1.10 Wash, 40 lks. wide, course NW.

17.20 No trace of old std. cor. of secs. 32 and 33, to be found.

18.00 Old road brs. NW. and SE.

23.00 Wash, 10 lks. wide, course NW. Asc. 120 ft. over SW. slope to ridge.

34.70 Prospect hole in black ledge, on line.

36.40 Ridge, brs. NW. and SE. Desc. 25 ft. over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C

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

1924

No bearing trees available. Continue desc. 45 ft. over E. slope to

47.20 Wash, course S. Asc. 194 ft. over W. slope to ridge.

57.50 No trace of old std.  $\frac{1}{4}$  sec. cor.

62.00 Prospect hole brs. S. about 5.00 chs.

64.00 Ridge, brs. N. & S. At this point raise a mound of stone 3 ft. base, 2 ft. high on line. Desc. 109 ft. over E. slope.

GLO Cor. #15 - Papago Indian Reservation.

An iron post, 2 ins. diam., 18 ins. up, in a mound of stone, with brass cap mkd.

	S	C		
T	15	S	R	4 E
	S	34	S	35

*B. 3204*

1936  
1924

(1936 added)

Reset in concrete, 36x15x9 ins., 22 ins. in ground, and in a mound of stone to top.

Reference mark No. 1 bears N.45°22'W., 360.481 metres dist. a brass tablet set in drill hole in bedrock, on highest point of small topped rocky butte, 200 ft. high.

Reference mark No. 2 bears S.88°09'E., 106.358 metres dist., a brass tablet in concrete form, 30x12x7 ins., 26 ins. deep., 25 ft. west of road, bears NE. and SW. to Hwy.

Reference mark No. 1 is observed from Rosa, Como and Sells.

Cross on church in village about 1 mile dist., bears N.42°22'W. Cababi trading post bears S.11°W., about 1 mile dist.

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Corner can be reached by truck, as follows: from Cababi Trading Post, on Sells-Ajo Hwy., go north on Hwy.

- 0.4 Turn right from highway, follow desert road.
- 0.2 Indian village on left, corral on right.
- 0.15 Crossroads, turn right and follow road NE. around foot of low hills.
- 0.5 Reference mark No. 2 on left side of road.

Roger F. Wilson  
U.S. Transitean

Resurvey of the  
Third Standard Parallel South, thru Range 4 East.

Chains

74.00 Drain, course NE. Asc. 23 ft. over NW. slope to  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in  
the ground to bed rock, deposit a stone marked with  
a cross (X) at base of post, and raise a mound of stone  
around post, for std. cor. of secs. 33 and 34, marked  
on brass cap.

S C  
T 15 S R 4 E  
S 33 | S 34  
1924

No bearing trees available.  
Land; rough and broken.  
Soil; 4th rate.  
Timber; none.  
Undergrowth; scrub palo verde and mesquite, and grease-  
wood brush.

East, on a true line, on S. bdy. of sec. 34.  
Over broken and rolling land, thru dense brush.  
Desc. 107 ft. over E. slope to  
12.60 Wash, 20 lks. wide, course N. Asc. gradual W. slope  
16.30 Old std. cor. of secs. 33 and 34, brs. South 150 lks.  
dist., a granite stone 12 x 10 x 6 ins. in a md. of  
stone marked with 3 notches on each of E. and W.  
edges, and S. C. on N. face. I destroy this cor.  
Thence over nearly level land.  
20.50 Trail, brs. NW. and SE.  
32.10 Road, brs. N. and S.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass  
cap.

S C  
 $\frac{1}{4}$  S 34  
1924

No bearing trees available. Raise a md. of stone 3  
ft. base, 2 ft. high, N. of cor.  
40.20 Wash, 15 lks. wide, course NE.  
45.00 Indian village of nine huts, brs. South about 7.00 chs.  
dist.  
46.30 Wash, 50 lks. wide, course NW. Asc. gentle SW. slope.  
53.90 Dim road, brs. N. and S.  
56.30 No trace of old std.  $\frac{1}{4}$  sec. cor.  
60.00 House and 5 sheet iron buildings, br. South about 3-4  
of a mile.  
65.00 Top of round knoll, brs. North about 6.00 chs. dist.  
75.85 Wash, course South.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins.  
in the ground to bed rock, and raise a mound of stone  
around post, for the std. cor. of secs. 34 and 35,  
marked on brass cap

S C  
T 15 S R 4 E  
S 34 | S 35  
1924

No bearing trees available. Raise a md. of stone 3 ft.  
base 2 ft. high N. of cor.  
Land; rolling and rocky.  
Soil; 4th rate.  
Timber; none.  
Undergrowth; greasewood, ocotillo and cactus.

Resurvey of the  
Third Standard Parallel South, thru Range 4 East.

**Chains** In order to locate the patented OXIDE and SULPHIDE lode Mining Claims, in the Cababi Mining District, Mineral Survey No. 3074, I proceed as follows:

The first cor. that I could identify was Cor. No. 4 of the Wilson and Cor. No. 4 of the Kershner, an iron pipe 3-4 in. in diam., in a cement block 8 x 8 x 8 ins. above ground, with brass cap marked Wilson, Cor. 4 on NE. edge of cap; Picacho, Cor. 4 on SE. edge of cap; Extension, Cor. 1 on SW. edge of cap; and Kershner, Cor. 4 on NW. edge of cap.

Thence N. 6° 38' 30" W., bet. the Kershner and Wilson claims, 600 ft., to Cor. No. 1 of the Kershner and Cor. No. 1 of the Wilson lodes, an iron pipe projecting 18 ins. above a cement block 8 x 8 x 8 ins. above ground. Brass cap has been destroyed - no trace of it.

Thence N. 83° 21' 30" E., along N. bdy. of Wilson lode. At 1290.7 ft. to cor. Cor. No. 2 of the Oxide claim of this survey, an iron pipe 3-4 in. in diam., projecting 18 ins. above cement block standing 8 x 8 x 8 ins. above ground. Brass cap destroyed.

Thence N. 2° 31' 30" W. along W. bdy. of Oxide lode, 1500. ft. to Cor. No. 1, an iron pipe 3-4 in. in diam., projecting 18 ins. above cement block standing 8 x 8 x 8 ins. above ground. Brass cap destroyed.

From this cor. the std. cor. of Secs. 34 and 35, brs. N. 9° 12' E., 37.54 chs. dist.

From cor. No. 1, of Oxide lode, I run N. 83° 21' 30" E., along N. end line of Oxide 600.00 ft. to cor. No. 4 of Oxide and Cor. No. 2 of Sulphide. An iron pipe 3-4 in. in diam., projecting 18 ins. above cement block, extending 8 x 8 x 8 ins. above the ground. Brass cap has been destroyed.

Thence N. 83° 21' 30" E., along N. end line of Sulphide lode, 600.00 ft. to cor. No. 1 thereof. An iron pipe 3-4 in. in diam., projecting 18 ins. above cement block, extending 8 x 8 x 8 ins. above ground. Brass cap has been destroyed.

The above retracements agree with the record courses and distances.

East, on a true line, on the S. bdy. of Sec. 35.  
Over rough and broken land, thru dense brush and scattering timber.

- 0.25 Spire on the Cababi church brs. S. 33° E.  
5.80 Road, brs. NE. and SW.  
20.00 Old std. cor. of secs. 34 and 35, brs. South, 225 lks. dist., a black quartz rock 12 x 8 x 6 ins., in md. of stone, marked with 4 notches on W., 2 notches on E., and S C on N. faces. I destroy this cor.  
20.40 Old road brs. N. and S.  
23.20 Old road, brs. N. 50° W., and S. 30° E.  
39.25 Wash, 20 lks. wide, course NW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 35  
1924

From which

- Mesquite, 6 ins. in diam., brs. N. 49° 15' E., 166 lks. dist., marked  $\frac{1}{4}$  S 35 S C B T.  
Mesquite, 4 ins. in diam., brs. N. 76° 30' W., 121 lks. dist., marked  $\frac{1}{4}$  S 35 S C B T.  
From this cor. Cor. No. 1 of the Sulphide Mining claim, M. S. 3074, hereinbefore described brs. S. 38° 39' W., 44.77 chs. dist.

Resurvey of the  
Third Standard Parallel South, thru Range 4 East.

Chains

- 42.10 Drain, course NE. Prospect hole brs. North 25 lks.
- 55.50 Wash, 20 lks. wide, course NW.
- 57.00 Same wash, course SW.
- 58.00 Same wash, course N. 70° W.
- 60.00 Old std.  $\frac{1}{4}$  sec. cor. brs. South 320 lks. dist., a quartz stone 10 x 8 x 4 ins. in small stone mound, marked S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 61.00 Same wash, course SW.
- 64.00 " " " N. 70° W.
- 67.80 " " " SW.
- 70.30 Road, brs. NE. and SW. Same wash, course NW.
- 77.50 Same wash, course SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for std. cor. of secs. 35 and 36, marked on brass cap

S C  
T 15 S R 4 E  
S 35 | S 36  
1924

From which

- Ironwood, 10 ins. diam., brs. N. 26° E., 222 lks. dist., marked T 15 S R 4 E S 36 S C B T.
- Ironwood, 8 ins. in diam., brs. N. 32° W., 183 lks. dist., marked T 15 S R 4 E S 35 S C B T.

Land; broken and rolling.

Soil; 4th rate, stony surface.

Timber; palo verde, ironwood, mesquite.

Undergrowth; dense growth of greasewood, ocotillo, catclaw and giant cactus.

East, on a true line, on S. bdy. of sec. 36.  
Over rolling and broken land, thru dense brush and scattering timber.

- 6.00 Same wash, course NW.
- 20.00 No trace of old std. cor. of secs. 35 and 36.
- 37.30 Wash, 10 lks. wide, course NW.
- 40.00 True point for cor. falls in wash, course SW.
- 40.50 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
W C  $\frac{1}{4}$  S 36  
1924

From which

- Mesquite, 6 ins. in diam., brs. N. 63° W., 134 lks. dist., marked  $\frac{1}{4}$  S 36 W C S C B T.
- No other bearing tree available. Raise a md. of stone 3 ft. base, 2 ft. high, North of cor.

- 45.00 Same wash, course SW.
- 46.00 Same wash, course NW.
- 60.00 Old std.  $\frac{1}{4}$  sec. cor., brs. South 270 lks. dist., a quartz rock 10 x 10 x 4 ins. in small md. of stone, marked S C  $\frac{1}{4}$  on N. face. I destroy this corner.
- 68.00 Road, brs. NW. and SE.
- 71.80 Wash, 100 lks. wide, course N. 30° W.
- 73.70 Old road brs. N. and S. Asc. 34 ft. over W. slope.
- 79.20 Top of knoll. At this point raise a md. of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, on line. Ascend gradual E. slope.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for std. cor. of T. 15 S., Rs. 4 and 5 E., marked on brass cap

Resurvey of the  
Third Standard Parallel South, thru Range 4 East.

Chains

S C	
T 15 S	
R 4 E	R 5 E
<u>S 36</u>	<u>S 31</u>
1924	

From which

Palo verde, 6 ins. in diam., brs. N. 81° W., 63 lks.  
dist., marked T 15 S R 4 E S 36, S C B T.

No other bearing tree available. Raise a md. of stone  
3½ ft. base, 2 ft. high N. of cor.

Land; rough and broken.

Soil; 4th rate.

Timber; palo verde, ironwood and mesquite.

Undergrowth; dense greasewood, catclaw and ocotillo.



Resurvey of the  
Third Standard Parallel South, thru Range 5 East.

- Chains From the std. cor. of T. 15 S., Rs. 4 and 5 E., on the Third Standard Parallel South, hereinbefore described East, on a true line, on S. bdy. of Sec. 31.  
Over broken and mountainous land, thru dense brush and scattering timber.  
Asc. 87 ft. over gradual W. slope to std.  $\frac{1}{4}$  sec. cor.
- 16.00 Wash, 20 lks. wide, course S.  $70^{\circ}$  W.  
18.70 Same wash, course NW.  
20.65 Old std. cor. of T. 15 S., Rs. 4 and 5 E., a granite stone 16 x 12 x 10 ins. in stone md, mkd. with 6 notches on E., W. and N. faces, and S C on N. face. I destroy this cor.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 31  
1924

- No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
- 40.20 Ravine, course NW. Asc. 151 ft. over SW. slope to  
47.20 Ridge, brs. N. and S. At this point raise a md. of stone  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, on line.  
From this point an Indian Village, brs. North, about 40.00 chs. dist.  
Desc. 261 ft. over gradual E. slope to std. sec. cor.
- 61.50 Old std.  $\frac{1}{4}$  sec. cor., brs. South 256 lks. dist., a volcanic stone 10 x 10 x 6 ins. in stone md., marked S C  $\frac{1}{4}$  on N. face. I destroy this corner.  
72.40 Ravine, 150 lks. wide, course North.  
78.80 Wash, 50 lks. wide, course NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for std. cor. of secs. 31 and 32, marked on brass cap

S C  
T 15 S R 5 E  
S 31 | S 32  
1924

From which  
Palo verde, 6 ins. in diam., brs. N.  $7^{\circ} 30'$  E., 51 lks. dist., marked T 15 S R 5 E S 32 S C B T.  
Mesquite, 5 ins. in diam., brs. N.  $89^{\circ}$  W., 54 lks. dist., marked T 15 S R 5 E S 31 S C B T.  
Land; rough and broken.  
Soil; 4th rate.  
Timber; scattering palo verde, mesquite and ironwood.  
Undergrowth; greasewood brush, catclaw, ocotillo and giant cactus.

- East, on a true line, on the S. bdy. of sec. 32.  
Over rolling, broken land, thru dense brush and scattering timber.  
Asc. gradually 69 ft. over W. slope to low ridge.
- 1.50 Giant cactus, 15 ft. high, on line.  
6.00 " " 15 " " " "  
15.00 Low ridge, brs. N. and S. Desc. 29 ft. over E. slope.  
22.00 Old std. cor. of secs. 31 and 32, brs. South 206 lks. dist., a granite stone 10 x 8 x 3 ins. in small stone md., properly marked. I destroy this cor.  
22.10 Wash, 10 lks. wide, course NW. Asc. 23 ft. over gradual SW. slope.  
30.00 Low ridge, brs. N. and S., Desc. 57 ft. over E. slope.

Resurvey of the  
Third Standard Parallel South, thru Range 5 East.

<p>Chains</p> <p>40.00</p> <p>40.25</p> <p>49.00</p> <p>50.50</p> <p>59.00</p> <p>60.50</p> <p>62.32</p> <p>70.50</p> <p>80.00</p>	<p>True point for std. <math>\frac{1}{4}</math> sec. cor. falls in wash, course NW.</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for std. <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p> <p style="text-align: center;"> <u>    S C</u>  <u>W C <math>\frac{1}{4}</math> S 32</u>  <u>    1924</u> </p> <p>From which</p> <p>    Mesquite, 6 ins. in diam., brs. N. 29° 45' E., 101 lks. dist., marked <math>\frac{1}{4}</math> S 32 W C S C B T.</p> <p>    Mesquite, 8 ins. in diam., brs. N. 33° 30' W., 90 lks. dist., marked <math>\frac{1}{4}</math> S 32 W C S C B T.</p> <p>Asc. 81 ft. over gradual SW. slope, to spur.</p> <p>Road, brs. NW. and SE.</p> <p>Ravine 30 lks. wide, course NW.</p> <p>Spur, slopes NW. Desc. NE. slope, 10 ft. to</p> <p>Drain, course NW. Asc. 34 ft. over W. slope</p> <p>Old std. <math>\frac{1}{4}</math> sec. cor. brs. South 192 lks. dist., a porphyry stone 12 x 10 x 6 ins. in small stone md., marked S C <math>\frac{1}{4}</math> on N. face. I destroy this cor.</p> <p>Low ridge, brs. N. and S. At this point raise a md. of stone 3 ft. base, 2 ft. high, on line. Desc. 52 ft. over E. slope to</p> <p>Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for standard cor. of secs. 32 and 33, marked on brass cap</p> <p style="text-align: center;"> <u>    S C</u>  <u>T 15 S R 5 E</u>  <u>    S 32   S 33</u>  <u>    1924</u> </p> <p>From which</p> <p>    Palo verde, 6 ins. in diam., brs. N. 73° E., 81 lks. dist., marked T 15 S R 5 E S 33 S C B T.</p> <p>    Palo verde, 10 ins. in diam., brs. N. 58° W., 58 lks. dist., marked T 15 S R 5 E S 32 S C B T.</p> <p>Land; rough and broken;</p> <p>Soil; 4th rate.</p> <p>Timber; scattering palo verde, ironwood and mesquite.</p> <p>Undergrowth; dense growth of greasewood, ocotillo, catclaw, and giant cactus.</p> <hr/> <p>East, on a true line, on S. bdy. of sec. 33.</p> <p>Over broken land, thru dense brush.</p> <p>2.60 Left bank of wash, course N.</p> <p>7.30 Right bank of wash, course N.</p> <p>13.20 Old road, brs. N. 30° W., and S. 30° E.</p> <p>22.70 Old std. cor. of secs. 32 and 33, brs. South 128 lks. a granite stone 12 x 8 x 6 ins., in small stone md., properly marked. I destroy this cor.</p> <p>27.30 Wash, 20 lks. wide, course NW.</p> <p>37.00 Low ridge, brs. N. and S., Desc. NE. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for std. <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p> <p style="text-align: center;"> <u>    S C</u>  <u>    <math>\frac{1}{4}</math> S 33</u>  <u>    1924</u> </p> <p>No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor. Desc. 72 ft. over NE. slope.</p>
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Resurvey of the  
Third Standard Parallel South, thru Range 5 East.

## Chains

- 46.80 Wash, 10 lks. wide, course NW. Asc. SW. slope.  
52.50 Low ridge, brs. N. and S. Desc. 30 ft. over E. slope.  
59.30 Wash, 50 lks. wide, course N. Asc. 69 ft. over W.  
slope to std. sec. cor.  
62.70 No trace of old std.  $\frac{1}{4}$  sec. cor.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground for std. cor. of secs. 33 and 34, mark-  
ed on brass cap,

S C  
T 15 S R 5 E  
S 33 | S 34  
1924

No bearing trees available. Raise a md. of stone 3 ft.  
base, 2 ft. high N. of cor.

Land; rough and broken.

Soil; 4th rate.

Timber; scattering growth of mesquite, palo verde and  
ironwood.

Undergrowth; dense growth of greasewood, ocotillo and  
giant cactus.

East, on a true line, on South bdy. of Sec. 34.

Over rolling land, thru dense brush.

Desc. 34 ft. over NE. slope to

- 5.00 Wash, 10 lks. wide, course NW. Asc. 66 ft. over SW. slope.  
11.20 Ridge, brs. NW. and SE. At this point raise a md. of  
stone, 3 ft. base, 2 ft. high, on line. Desc. 84 ft.  
18.00 over NE. slope to  
18.00 Wash, 15 lks. wide, course NW. Continue desc. 33 ft.  
over NE. slope to wash.  
21.50 Old road, brs. N. and S.  
23.38 Old std. cor. of secs. 33 and 34, brs. South 72 lks.  
dist., a granite stone 8 x 8 x 4 ins. in small stone  
mound, properly marked. I destroy this cor.  
28.00 Wash, 50 lks. wide, course north. Asc. 92 ft. over W.  
slope to ridge.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 34  
1924

No bearing trees available. Raise a md. of stone 3 ft.  
base, 2 ft. high N. of cor.

- 46.00 Ridge, brs. N. and S. At this point raise a md. of stone  
2 ft. base, 1 ft. high, on line. Desc. 74 ft. over  
rolling NE. slope to  
51.40 Drain, course NE. Asc. 41 ft. over NW. slope.  
55.30 Spur, slopes NE. Desc. 74 ft. over E. slope, to wash.  
59.00 Head of drain, course NW.  
61.00 Saddle in low divide, brs. N. and S.  
64.20 Old std.  $\frac{1}{4}$  sec. cor., brs. South 92 lks. dist., a granite  
stone 6 x 4 x 2 ins., marked S C  $\frac{1}{4}$  on N. face. I de-  
stroy this cor.  
66.75 Wash, 30 lks. wide, course N. Asc. 67 ft. over W. slope  
to  
79.23 Low ridge, brs. N. and S. At this point, raise a md. of  
stone, 3 ft. base, 2 ft. high, on line.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground for std. cor. of secs. 34 and 35, mark-  
ed on brass cap

Resurvey of the  
Third Standard Parallel South, thru Range 5 East.

Chains

S C  
T 15 S R 5 E  
S 34 | S 35  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.

Land; rolling.

Soil; 3rd and 4th rates.

Timber; none.

Undergrowth; scrub palo verde, mesquite and greasewood.

East, on a true line, on S. bdy. of sec. 35.

Over broken and rolling land, thru dense brush and scattering timber.

Desc. 81 ft. over E. slope to

10.00 Wash, 20 lks. wide, course N. Asc. 40 ft. over W. slope

15.00 Spur, slopes N. Desc. 52 ft. over E. slope.

20.00 Wash, 10 lks. wide, course N. Asc. 28 ft. over W. slope

23.00 Low ridge, brs. N. and S. Desc. 52 ft. over E. slope to wash

24.65 Old std. cor. of secs. 34 and 35, brs. South, 95 lks. dist., a limestone 10 x 10 x 6 ins., in stone md., properly marked. I destroy this cor.

29.00 Wash, 15 lks. wide, course N. Asc. 37 ft. over gradual W. slope

37.50 Left bank of wash, course NW.

39.80 Right bank of wash, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 35  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.

45.45 A palo verde post, 5 ins. in diam., 18 ins. above ground, in md. of stone, on line. No marks on post.

46.00 Same wash, course SW. Asc. 68 ft. over SW. slope to spur.

56.20 Same wash, course N. Asc.

57.62 Spur, slopes NW. At this point, raise a md. of stone 3 ft. base, 2 ft. high, on line. Desc. 46 ft. over NE. slope.

65.36 Old std.  $\frac{1}{4}$  sec. cor. brs. South 7 lks., a mesquite post, 6 ins. square, projecting 18 ins. above ground, marked S C  $\frac{1}{4}$  on N. face, 1 B-N V on S. face. I destroy this cor.

74.50 Drain, course North. Asc. W. slope.

76.90 Spur, slopes N. Desc. NE. slope.

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

S C  
T 15 S R 5 E  
S 35 | S 36.  
1924

From which

Mesquite, 6 ins. in diam., brs. N., 85 lks. dist., marked S C B.T., only.

Mesquite, 5 ins. in diam., brs. N. 28° W., 90 lks. dist., marked T 15 S R 5 E S 35 S C B.T.

Land; rough and broken.

Soil; 4th rate.

Timber; palo verde, mesquite and ironwood.

Undergrowth; greasewood, catclaw and ocotillo.

Resurvey of the  
Third Standard Parallel South, thru Range 5 East.

- Chains East, on a true line, on S. bdy. of Sec. 36.  
Over rolling and broken land, thru dense brush and scattering timber.
- 1.30 Wash, 10 lks. wide, course NW.
- 5.29 Mesquite post, 6 ins. sq., projecting 20 ins. above the ground, in a mound of stone 3 ft. base, 1 ft. high, marked 1-16 on N. face, brs. South 8 lks. I destroy this cor.
- 25.40 Old std.  $\frac{1}{4}$  sec. cor. brs. South, 22 lks., a granite stone, 6 x 8 x 10 ins. in small stone mound, marked S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 26.90 Wash, 20 lks. wide, course NW.
- 40.00 True point for  $\frac{1}{4}$  sec. cor. falls in road, at
- 39.50 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
W C  $\frac{1}{4}$  S 36  
1924

From which

- Mesquite, 5 ins. in diam., brs. N. 73° E., 164 lks. dist., marked  $\frac{1}{4}$  S 36 W C S C B T.
- Mesquite, 5 ins. in diam., brs. N. 57° 30' W., 240 lks. dist., marked  $\frac{1}{4}$  S 36 W C S C B T.
- 40.00 Enter Ajo and Tucson highway, from N. 80° W., to N. 80° E.
- 48.50 Mesquite post, 4 ins. square., projecting 12 ins. above ground, marked 1-16 on N. face. I destroy this cor.
- 52.60 Ajo and Tucson highway, brs. N. 10° W., and S. 70° E.
- 56.80 Wash, 50 lks. wide, course NW. Asc. 72 ft. over SW slope
- 66.53 Old std.  $\frac{1}{4}$  sec. cor. brs. South, 50 lks. dist., a palo verde post, in md. of stone 2 ft. base, 1 ft. high. This cor. has been reestablished, probably at the time that the 1-16 sec. cors. were established. I destroy this cor.
- 76.40 Drain, course SW.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for std. cor. of T. 15 S., Rs. 5 and 6 E., marked on brass cap

S C  
T 15 S  
R 5 E R 6 E  
S 36 | S 31  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.

Land; rolling and broken.

Soil; 4th rate.

Timber; scattering palo verde and mesquite.

Undergrowth; dense greasewood, ocotillo and giant cactus.

Resurvey of the  
Third Standard Parallel South, thru Range 6 East.

- Chains From the reestablished std. cor. of T. 15 S., Rs. 5 and 6 E., hereinbefore described.
- East, on a random line, on Third Standard Parallel South, thru Range 6 East, setting temp.  $\frac{1}{4}$  sec. and sec. cors. alternately at intervals of 40.00 chs., and at 589.83 chs. fall 12 lks. S. of the original point of location of the std. cor. of T. 15 S., Rs. 6 and 7 E., determined as hereinafter described.
- The true bearing and length of the Parallel thru Range 6 East, are, therefore, N.  $89^{\circ} 59'$  E., 589.83 chs. Proceed to resurvey the Parallel; placing the excess measurement of 109.83 chs., between the reestablished std. cor. of T. 15 S., Rs. 5 and 6 E., and the reestablished std.  $\frac{1}{4}$  sec. cor. of sec. 31, T. 15 S., R. 6 E., as described in the following notes.
- The Third Standard Parallel South, in Range 6 East, extends thru the Papago Indian Reservation from the std. cor. of T. 15 S., Rs. 5 and 6 E., easterly to the theoretical point for closing cor. of secs. 4 and 5, T. 16 S., R. 6 E., unsurveyed, thence easterly to the std. cor. of secs. 32 and 33, T. 15 S., R. 6 E., the parallel forms a boundary of said reservation, the land to the north of the line being within said reservation. In the east four miles of the parallel in Range 6 East, the public land is contiguous to the parallel on both sides.
- 
- From the reestablished std. cor. of T. 15 S., Rs. 5 and 6 E., hereinbefore described.
- N.  $89^{\circ} 59'$  E., on a true line on S. bdy. of sec. 31. Over rolling and broken land, thru dense brush and scattering timber.
- Asc. 34 ft. over W. slope, to
- 4.97 Spur, slopes S. Desc. 57 ft. over E. slope to wash. Cababi School house brs. S.  $13^{\circ} 45'$  E., about one mile.
- 6.33 Mesquite post, 6 ins. square, firmly set, projecting 12 ins. above ground, brs. South 6 lks. dist., marked 1-16 on N. face. I destroy this cor.
- 11.00 Wash, course S. Asc. 57 ft. over W. slope to
- 15.53 Spur, slopes S. At this point raise a mound of stone 3 ft. base, 2 ft. high, on line. Cababi School house brs. S.  $5^{\circ} 15'$  E. Desc. 65 ft. over E. slope to
- 20.80 Dry wash, 20 lks. wide, course south. Continue desc. 16 ft. over E. slope to
- 24.00 Dry wash, 20 lks. wide, course S.
- 26.10 Intersect old std. cor. of T. 15 S., Rs. 5 and 6 E., a granite stone 10 x 12 x 12 ins. above ground, firmly set, marked with 6 notches on each of E., W. and N. faces, and S C on N. I destroy this cor. At this point I raise a mound of stone, 4 ft. base, 2 ft. high, on line, for line only.
- 26.33 Mesquite post, 6 ins. square, firmly set, projecting 12 ins. above ground, brs. South 6 lks., marked with 6 grooves on E., W., and N. face, and S C on N. face. I destroy this cor. Asc. 52 ft. over W. slope to
- 36.00 Ridge, brs. N. and S. Desc. 37 ft. over E. slope.
- 39.10 Wash, 100 lks. wide, course S.  $20^{\circ}$  E.
- 56.70 Wash, 30 lks. wide, course S. Asc. 40 ft. over W. slope.
- 62.00 Low ridge, brs. N. and S. Desc. 23 ft. over E. slope.
- 69.30 Wash, 10 lks. wide, course S.
- 69.80 Old road, brs. N. and S.
- 69.83 To perpetuate the alinement of the parallel. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground marked on brass cap

Resurvey of the  
Third Standard Parallel South, thru Range 6 East.

- Chains
- 79.00 Wash, 10 lks. wide, course SE. Asc. 34 ft. over SW. slope.
- 85.00 Low spur, slopes south. Desc. 34 ft. over E. slope.
- 97.60 Wash, 50 lks. wide, course south. Asc. 40 ft. over W. slope.
- 105.00 Ridge, brs. N. and S. Desc. 46 ft. over E. slope.
- 109.83 To perpetuate the alinement of the parallel.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, marked on brass cap

S C  
1924.

- No bearing trees available. Raise a md. of stone 2 ft. base, 1½ ft. high, N. of cor. Desc. 17 ft. on E. slope
- 113.20 Wash, 40 lks. wide, course S.
- 120.00 Wash, 20 lks. wide, course SW. Asc. 24 ft. over NW. slope
- 123.00 Round knoll. Desc. 23 ft. over E. slope, to wash.
- 127.24 Mesquite post, 3 ins. sqd., projecting 18 ins. above ground, brs. North. 82 lks., marked 1-16 on N. face.  
I destroy this cor.
- 128.50 Drain, course S.
- 143.70 Wash, 15 lks. wide, course SW. Asc. 29 ft. over W. slope of knoll.
- 148.30 Old std. ¼ sec. cor. of sec. 31, brs. North 67 lks. dist. a lime stone 14 x 12 x 6 ins. in small stone md., marked S C ¼ on N. face. I destroy this cor. Continue asc. 13 ft. over W. slope of knoll.
- 149.83 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for std. ¼ sec. cor., marked on brass cap

S C  
¼ S 31  
1924

- No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor. Continue asc. 129 ft. over W. slope to
- 158.74 Knoll; main ridge, brs. N. 30° W., and S. 30° E. Raise a md. of stone 5 ft. base 2 ft. high, at this point, on line. Desc. 283 ft. over steep NE. slope to
- 176.10 Wash, 20 lks. wide, course S. Desc. 74 ft. over gradual E. slope to std. sec. cor.
- 189.15 Old std. cor. of secs. 31 and 32, brs. South, 25 lks. dist. a slate stone 14 x 12 x 3 ins., in a small stone md., marked with 1 north on W., 5 notches on E., and S C on N. faces. I destroy this cor.
- 189.83 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for std. cor. of secs. 31 and 32, marked on brass cap

S C  
T 15 S R 6 E  
S 31 | S 32  
1924

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high N. of cor.  
Land; rolling and broken.  
Soil; 2nd and 4th rates.  
Timber; scattering palo verde, mesquite and ironwood.  
Undergrowth; greasewood, catclaw, ocotillo and giant cactus.

Resurvey of the  
Third Standard Parallel South, thru Range 6 East.

- Chains N. 89° 59' E., on a true line, on S. bdy. of sec. 32.  
Over broken NE. slope, thru dense brush and scattering  
timber.
- 1.70 Wash, 20 lks. wide, course NE., Asc. 34 ft. over NW.  
slope to
- 10.20 End of spur, slopes NE. Prospect hole, 8 ft. deep, brs.  
N. 10 lks. dist. Desc. 110 ft. over SE. slope to.
- 25.00 Wash, 20 lks. wide, course NE. Continue desc. 28 ft.  
over SE. slope to std.  $\frac{1}{4}$  sec. cor.
- 39.03 Old std. sec. cor., brs. South 30 lks. dist., a mesquite  
post, 5 ins. square, projecting 18 ins. above ground,  
marked S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in  
the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass  
cap

S C  
 $\frac{1}{4}$  S 32  
1924.

No bearing trees available. Raise a md. of stone, 3 ft.  
base, 2 ft. high, N. of cor. Continue desc. 118 ft.  
over gradual NE. slope to std. sec. cor.

- 46.00 Wash, 100 lks. wide, course SE.
- 53.40 Old road, brs. NW. and SE. Thence over nearly level land
- 68.00 Drain, course SE.
- 79.04 Wire fence, brs. N. and S. From this point old std. cor.  
of secs. 32 and 33, brs. South, 42 lks. dist., a  
mesquite post, 3 ins. square, projecting 24 ins.  
above ground, marked with 4 grooves on E., 2 grooves  
on W., and S C on N. faces. I destroy this cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground for std. cor. of secs. 32 and 33  
marked on brass cap

S C  
T 15 S R 6 E  
S 32 | S 33  
1924

No bearing trees available. Raise a md. of stone 3 ft.  
base, 2 ft. high N. of cor.  
Land; broken and nearly level.  
Soil; 2nd and 4th rates.  
Timber; scattering palo verde and mesquite.  
Undergrowth; dense greasewood brush, ocotillo, and giant  
cactus.

- N. 89° 59' E., on a true line, on S. bdy. of sec. 33.  
Over level land, thru dense brush and scattering timber.
- 21.00 Enter ravine, from NW., thence E.
- 30.00 Leave ravine, course NE.
- 39.39 Old std.  $\frac{1}{4}$  sec. cor., brs. South, 52 lks. dist., a mes-  
quite post, 3 ins. square, projecting 18 ins. above  
ground, marked S C  $\frac{1}{4}$  on N. face. I destroy this cor.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass  
cap

S C  
 $\frac{1}{4}$  S 33  
1924

From which  
Mesquite, 3 ins. in diam., brs. N. 34° E., 40 lks.



Resurvey of the  
Third Standard Parallel South, thru Range 6 East.

- Chains      dist., marked S C B T., only.  
Mesquite, 3 ins. in diam., brs. N. 56° W., 111 lks.  
dist., marked S C B T., only.
- 46.00 Same ravine, 20 lks. wide, course SE.  
48.50 Same ravine, course NE.  
51.00 Same ravine, 20 lks. wide, course S. 70° E.  
56.20 Old road, brs. N. and S.  
79.41 Old cor. of secs. 33 and 34, brs. S. 60 lks. dist., a  
mesquite post, 3 ins. square, projecting 18 ins. above  
ground, marked with 3 grooves on each of E. and W.  
faces, and S C on N. face. I destroy this cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground for std. cor. of secs. 33 and 34,  
marked on brass cap

S C  
T 15 S R 6 E  
S 33 | S 34

From which

- Mesquite, 10 ins. in diam., brs. N. 54° E., 97 lks.  
dist., marked T 15 S R 6 E S 34 S C B T  
Mesquite, 5 ins. in diam., brs. N. 81° W., 17 lks.  
dist., marked T 15 S R 6 E S 33 S C B T.

Land; nearly level.

Soil; 2nd rate.

Timber; mesquite and palo verde.

Undergrowth; dense greasewood, ocotillo, cholla, catclaw  
and giant cactus.

- N. 89° 59' E., on a true line, on the S. bdy. of sec. 34.  
Over level land, thru dense brush and scattering timber.
- 7.30 Trail, brs. N. and S.  
22.75 Mesquite post, brs. South 59 lks. dist., marked 1-16  
12073 on N. face. I destroy this cor.  
39.51 Old std.  $\frac{1}{4}$  sec. cor. brs. South 64 lks. dist., a granite  
stone 14 x 12 x 10 ins., firmly set, marked S C  $\frac{1}{4}$  on  
N. face. I destroy this corner.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass  
cap

S C  
 $\frac{1}{4}$  S 34  
1924

- No bearing trees available. Raise a md. of stone 2 ft.  
base, 1 $\frac{1}{2}$  ft. high N. of cor.
- 79.65 Old std. cor. of secs. 34 and 35, brs. South, 60 lks.  
dist., a mesquite post, 4 ins. square, projecting  
18 ins. above ground, marked with 2 grooves on E.,  
4 grooves on W., and S C on N. faces. I destroy  
this cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in  
the ground for std. cor. of secs. 34 and 35, marked  
on brass cap

S C  
T 15 S R 6 E  
S 34 | S 35  
1924

From which

- Mesquite, 3 ins. in diam., brs. N. 7° E., 140 lks.  
dist., marked S C B T., only.

Resurvey of the  
Third Standard Parallel South, thru Range 6 East.

Chains Mesquite, 12 ins. in diam., brs. N. 44° W., 82 lks.  
dist., marked T 15 S R 6 E S 35 S C B T.  
Land; level.  
Soil; 1st and 2nd rates.  
Timber; scattering mesquite and palo verde.  
Undergrowth; dense greasewood, mesquite brush and catclaw.

N. 89° 59' E., on a true line, on S. bdy. of sec. 35.  
Over level land, thru dense brush and scattering timber.  
32.50 Enter heavy mesquite and palo verde timber, brs. N. and S.  
34.40 Wash, 100 lks. wide, course NE.  
39.85 Mesquite post, 3 ins. square, projecting 18 ins. above  
the ground, firmly set, brs. South 72 lks. dist.,  
marked  $\frac{1}{4}$  on N. face. I destroy this cor.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

S C  
 $\frac{1}{4}$  S 35  
1924

From which

Mesquite, 6 ins. in diam., brs. N. 38° E., 133 lks.  
dist., marked  $\frac{1}{4}$  S 35 S C B T.  
Mesquite, 5 ins. in diam., brs. N. 46° W., 60 lks.  
dist., marked  $\frac{1}{4}$  S 35 S C B T.  
45.00 Wash, 120 lks. wide, course North  
46.60 Wash, 20 lks. wide, course NW.  
50.00 Leave heavy timber, brs. N. and S.  
65.00 Wash, 150 lks. wide, course N.  
75.00 Road, brs. NE. and SW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for std. cor. of secs. 35 and 36,  
marked on brass cap

S C  
T 15 S R 6 E  
S 35 | S 36  
1924

From which

Mesquite, 6 ins. in diam., brs. N. 17° E., 177 lks.  
dist., marked T 15 S R 6 E S 36 S C B T.  
Mesquite, 6 ins. in diam., brs. N. 54° W., 57 lks.  
dist., marked T 15 S R 6 E S 35 S C B T.  
Old std. cor. of secs. 35 and 36, a mesquite post, 3 ins.  
square, firmly set, projecting 18 ins. above ground,  
marked with 5 grooves on W., 1 groove on E., brs. S.  
5° 33' E., 52 lks. dist. I destroy this cor.  
Land; level.  
Soil; 1st rate.  
Timber; mesquite and palo verde along the banks of washes.  
Undergrowth; dense greasewood and ocotillo.

N. 89° 59' E., on a true line, on S. bdy. of sec. 36.  
Over level land, thru dense greasewood brush, and scatter-  
ing timber.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for std.  $\frac{1}{4}$  sec. cor., marked on brass cap

Resurvey of the  
Third Standard Parallel South, thru Range 6 East.

Chains

S C  
1/4 S 36  
1924

From which

Mesquite, 6 ins. in diam., brs. N. 21° E., 206 lks.  
dist., marked  $\frac{1}{4}$  S 36 S C B T.

No. other bearing tree available. Dig pits 18 x 18 x 12  
ins. E. and W. of cor. 3 ft. dist

Mesquite post, 3 ins. square, firmly set, projecting 18 ins.  
above ground, marked  $\frac{1}{4}$  on N. face, brs. South 75 lks.  
dist. I destroy this cor.

NOTE: All of the mesquite posts set on the S. bdy. of  
this T., appear to have been set in the last ten  
years for they seem to be about the same in condition  
as the 1-16 sec. cors. They were probably set by a  
local surveyor, for some mining district or for the  
purpose of making Indian allotments. I have no data  
at hand for these corners. All of the 1-16 cors. on  
this line have been destroyed.

58.30 Drain, course N. Enter open land.

65.17 Intersect the closing corner of T. 16 S., Rs. 6 and 7  
E., which is a granite stone 5 x 6 x 12 ins. above  
ground, firmly set, marked with 6 grooves on each of  
E., W. and S. faces, and C C on S. face, witnessed  
by bearing trees as described by the Surveyor General,  
established by Geo. J. Roskruge in 1887. Alongside  
this cor. I

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins.  
in the ground for closing cor. of T. 16 S., Rs. 6  
and 7 E., marked on brass cap

	C	C
S 1		S 6
R 6 E		R 7 E
T 16 S		
1924		

80.00 Intersect the point of original location of the std.  
cor. of T. 15 S., Rs. 6 and 7 E., determined by re-  
ference to visible remains of the pits recorded as  
accessory to the original corner.

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins.  
in the ground for std. cor. of T. 15 S., Rs. 6 and 7  
E., marked on brass cap

	S C	
	T 15 S	
R 6 E		R 7 E
S 36		S 31
1924		

From which

Mesquite, 6 ins. in diam., brs. N. 57° E., 100 lks.  
dist., marked T 15 S R 7 E S 31 S C B T.

Mesquite, 10 ins. in diam., brs. N. 21° 45' W., 263  
lks. dist., marked T 15 S R 6 E S 36 S C B T.

Dig pits 18 x 18 x 12 ins. E., W. and N. of cor. 3 ft.  
dist.

Land; level.

Soil; 1st rate.

Timber; scattering mesquite.

Undergrowth; greasewood brush.

Santa Rosa Mountain brs. N. 30° 45' W.

Resurvey of the  
Third Standard Parallel South, thru Range 6 East,  
Retracement of S. 1 mi. T. 15 S., Rs. 6 and 7 E.

Chains	To verify the position of the std. cor. of T. 15 S., Rs. 6 and 7 E., reestablished by me as hereinbefore described, I run North, bet. secs. 31 and 36, T. 15 S., Rs. 6 and 7 E. Over level land.
40.00	Fall 3 lks. west of the $\frac{1}{4}$ sec. cor. of secs. 31 and 36. A mesquite post, 6 ins. in diam., flattened, firmly set, projecting 24 ins. above ground, marked $\frac{1}{4}$ S. on west, I continue random line
79.64	North, bet. secs. 31 and 36. Fall 6 lks. west of the cor. of secs. 25, 30, 31 and 36, a granite stone 6 x 10 x 12 ins. above ground, firmly set, marked with 1 notch on S., and 5 notches on N. edges. This cor. was established by Geo. J. Roskrige in 1887. The pits at both of the above corners are visible.

GENERAL DESCRIPTION.

3rd S. P. S., R. 1 E.

Beginning at the Principal Meridian, (T. 15 S., R. 1 E) the land is nearly level, sandy soil, for about two miles, thru dense growth of greasewood brush, scattering mesquite, ironwood and palo verde. Heavy timber along washes. The last four miles are broken by numerous washes, and rolling slopes of low hills. Very little grass. Giant cactus, catclaw and ocotillo.

3rd S. P. S., R. 2 E.

Land mountainous and broken, volcanic formation. Undergrowth of greasewood brush, ocotillo, cholla, giant cactus and prickly pear. Scattering growth of mesquite, palo verde and ironwood timber, scrubby in size. Quijotoa Mountain extends thru secs. 34 and 35, N. and S. It is about 1500 ft. in height above the valley and very difficult to cross near the line. There are numerous shafts and tunnels in this mountain. A great deal of prospecting for silver and copper has been done. There is an old stamp-mill south of this standard, in Sec. 4 - not now in operation and going to ruin. There has been an old stamp-mill in the SW $\frac{1}{4}$  of sec. 35, but it has been dismantled and no buildings remain on the townsite of Weldon.

3rd S. P. S., R. 3 E.

The land is nearly level. Soil is 1st and 2nd rate. Scattering mesquite, palo verde and ironwood timber. Dense growth of greasewood, scattering ocotillo, and giant cactus. This is known as the Santa Rosa Valley. There are numerous small cultivated fields in this valley, farmed by the Indians. At this time they had a very good crop of wheat (dry-farming). No water except such as they can catch in tanks. The valley is from 6 to 10 miles wide.

3rd S. P. S., R. 4 E.

West portion nearly level. East half is rolling land and broken hills, covered with scattering palo verde, mesquite and ironwood timber. Soil is 1st, 2nd and 4th rate. The Cababi Mining District is located in Secs. 2 and 3, of T. 16 S. There are a number of patented claims, and the mining property is in a good state of preservation. Not in operation, but in charge of a caretaker. There is a large mission located in this mining district. Some water in the mine shafts. Minerals are silver and copper.

GENERAL DESCRIPTION, Cont'd.  
Third Standard Parallel South, Range 5 East.

Over broken land and rolling hills, thru scattering palo verde and mesquite timber, and dense growth of greasewood brush, scattering ocotillo, cholla and giant cactus. Soil is 2nd and 4th rate. Very little grass. there is a shallow well about three miles south of the corner of T. 15 S., Rs. 5 and 6 E. Scattering Indian villages along the line. Cababi Indian Village is about a mile south of the std. cor. of T. 15 S., Rs. 5 and 6 E. They have small herds of cattle.

3rd S. P. S., R. 6 E.

The west half of the line thru this township is over broken hills, graine in formation. Fair grass. Scattering palo verde and mesquite timber. Dense growth of greasewood. Several prospect holes along the line. In the east half of the township the land is level. Soil 1st rate. There is a large water tank in sec. 8, about 5 chs. wide, and 10 chs. long. Water in it is very low at this time. Stock comes in ten miles to water. This valley is very rich soil and will produce good wheat in seasonable years.

Diligent and extensive search was made along the Third Standard Parallel South for the purpose of locating M. S. 1179, Monarch and Hercules patented mining claims, but without success.

FIRST GUIDE MERIDIAN EAST, thru  
Township 15 South, between Ranges 4 and 5 East.

Chains From the reestablished standard corner of T. 15 S., Rs. 4 and 5 E., hereinbefore described, north on a true line, thru the Papago Indian Reservation. North, on 1st Guide Mer. E., bet. secs. 31 and 36. Over broken, stony ground, thru dense brush and scattering timber.

Desc. 40 ft. over NE. slope.

5.00 Draw, course NW. Asc. slight SW. slope, thence desc. gradual NE. slope 34 ft. to wash.

13.10 Old road, brs. NE. and SW.

18.20 Wash, 20 lks. wide, course NW.

28.00 Dim road, brs. E. and W.

31.20 Dry wash, 60 lks. wide, course W.

32.60 Tucson and Ajo road, brs. E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 36 | S 31  
 1924

From which

Palo verde, 6 ins. in diam., brs. S. 50° E., 56 lks. dist., marked  $\frac{1}{4}$  S 31 B T.

Palo verde, 10 ins. in diam., brs. N. 2° W., 30 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

Desc. 37 ft. over N. slope to

46.90 Wash, 20 lks. wide, course W.

55.90 Wash, 10 lks. wide, course W. Asc. 23 ft. over S. slope

66.00 Low ridge, brs. E. and W. Desc. 41 ft. over N. slope.

71.80 Wash, 30 lks. wide, course W. Asc. broken S. slope, 25 ft., thence desc. to

78.00 Wash, 40 lks. wide, course SW. Asc. slight SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. os secs. 25, 30, 31 and 36, marked on brass cap

T 15 S  
 R 4 E | R 5 E  
 S 25 | S 30  
 S 36 | S 31  
 1924

From which

Ironwood, 3 ins. in diam., brs. N. 59° 30' E., 68 lks. dist., marked B T, only.

Palo verde, 5 ins. in diam., brs. S. 23° 30' W., 17 lks. dist., marked B T, only.

Ironwood, 5 ins. in diam., brs. N. 65° 30' W., 163 lks. dist., marked B T, only.

No other bearing tree available.

Land; rolling and broken.

Soil; stony, 4th rate.

Timber; palo verde, mesquite and ironwood.

Undergrowth; ocotillo and catclaw.

North, bet. secs. 25 and 30.  
Over rolling ground, thru scattering timber and undergrowth.

Asc. 91 ft. over S. slope to ridge.

13.50 Cross, on church in small Indian village, brs. S. 38° W.

First Guide Meridian East, thru  
Township 15 South, between Ranges 4 and 5 East

- Chains.
- 13.80 Ridge, brs., E. and W. Desc. 129 ft. over N. slope to wash.
- 34.90 Wash, 90 lks. wide, course NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post for  $\frac{1}{4}$  sec. cor., marked on brass cap
- $$\begin{array}{c} \frac{1}{4} \\ \text{S } 25 \text{ | } \text{S } 30 \\ 1924 \end{array}$$
- No bearing trees available.
- 42.50 Wash, 20 lks. wide, course W. Asc. 75 ft. over S. slope.
- 54.00 Top of knoll. At this point erect a mound of stone, on line. Desc. 91 ft. over N. slope to
- 76.00 Wash, 80 lks. wide, course NW.
- 79.00 Wash, 100 lks. wide, course W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap

$$\begin{array}{c} \text{T } 15 \text{ S} \\ \text{R } 4 \text{ E } \text{ | } \text{R } 5 \text{ E} \\ \text{S } 24 \text{ | } \text{S } 19 \\ \text{S } 25 \text{ | } \text{S } 30 \\ 1924 \end{array}$$

From which

- Mesquite, 6 ins. in diam., brs. N. 25° E., 25 lks. dist., marked T 15 S R 5 E S 19 B T.
- Mesquite, 12 ins. in diam., brs. S. 22° 30' E., 212 lks. dist., marked T 15 S R 5 E S 30 B T.
- Mesquite, 8 ins. in diam., brs. S. 19° W., 203 lks. dist., marked T 15 S R 4 E S 25 B T.
- Mesquite, 6 ins. in diam., brs. S. 30° W., 147 lks. dist., marked T 15 S R 4 W S 24 B T.

Land; rolling and broken.

Soil; 4th rate.

Timber; palo verde, mesquite and ironwood.

Undergrowth; greasewood, ocotillo, catclaw and cactus.

North, bet. secs. 19 and 24.

Over rolling ground, thru dense undergrowth and scattering timber.

- 4.60 Dry wash, 60 lks. wide, course NW.
- 8.20 Tucson and Ajo road, brs. E. and W.
- 24.00 Road, brs. NW. and SE.
- 26.00 Bend in wash, about 50 lks. wide. Thence along left bank.
- 34.00 Leave bank of wash, course NE.
- 39.00 Same wash, 50 lks. wide, course NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 24 \text{ | } \text{S } 19 \\ 1924 \end{array}$$

From which

- Palo verde, 6 ins. in diam., brs. S. 41° 30' E., 64 lks. dist., marked  $\frac{1}{4}$  S 19 B T.
- Palo verde, 4 ins. in diam., brs. N. 29° 30' W., 97 lks. dist., marked  $\frac{1}{4}$  S 24 B T.

First Guide Meridian East, thru  
Township 15 South, between Ranges 4 and 5 East.

- Chains  
 40.30 Old road, brs. NW. and SE.  
 42.00 Wash, 20 lks. wide, course NW.  
 44.00 Arm of wash, 70 lks. wide, course W.  
 48.00 Same wash, 2 chs. wide, course west. Asc. 42 ft. over  
       S. slope to  
 60.00 Low ridge, brs. N. 20° W., and S. 20° E. Desc. 58 ft.  
       over N. slope to  
 69.70 Wash, 15 lks. wide, course N. 70° W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
       in the ground, for cor. of secs. 13, 18, 19 and 24,  
       marked on brass cap

T 15 S  
 R 4 E | R 5 E  
 S 13 | S 18  
 S 24 | S 19  
 1924

No bearing trees available. Raise a md. of stone 3 ft.  
 base, 2 ft. high W. of cor.  
 Land; rolling and broken.  
 Soil; 3rd rate.  
 Timber; palo verde, ironwood and mesquite.  
 Undergrowth; greasewood, catalaw, ocotillo and cactus.

- North; bet. secs. 13 and 18.  
 Over rolling ground, thru dense brush and scattering  
 timber.  
 Desc. 29 ft. over N. slope to  
 3.00 Wash, 10 lks. wide, course W., thence over level ground.  
 24.00 Wash, 50 lks. wide, course NW.  
 27.50 Road, brs. NW. and SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
       in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 15 | S 18  
 1924

- From which  
     Mesquite, 5 ins. in diam., brs. East, 145 lks. dist.,  
     mkd.  $\frac{1}{4}$  S 18 B T.  
     Mesquite, 6 ins. in diam., brs. N. 60° W., 132 lks.  
     dist., marked  $\frac{1}{4}$  S 13 B T.  
 Thence over rolling ground.  
 43.50 Wash, 70 lks. wide, course W.  
 58.00 Wash, 20 lks. wide, course W.; thence over level ground.  
 80.00 Set an iron post, 2 ft. long, 2 ins. in diam., 24 ins.  
       in the ground, for the cor. of secs. 7, 12, 13 and 18,  
       marked on brass cap

T 15 S  
 R 4 E | R 5 E  
 S 12 | S 7  
 S 13 | S 18  
 1924

- From which  
     Palo verde, 6 ins. in diam., brs. N. 0° 30' E., 50  
     lks. dist., marked T 15 S R 5 E S 7 B T.  
     Mesquite, 5 ins. in diam., brs. S. 53° 30' E., 57  
     lks. dist., marked T 15 S R 5 E S 18 B T.

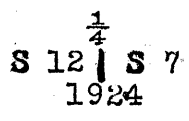


First Guide Meridian East, thru Township 15 South, between Ranges 4 and 5 East.

Chains Palo verde, 6 ins. in diam., brs. S. 17° W., 48 lks. dist., marked T 15 S R 4 E S 13 B T.  
 Palo verde, 4 ins. in diam., brs. N. 70° W., 65 lks. dist., marked T 15 S R 4 E S 12 B T.  
 Land; rolling.  
 Soil; rocky, 4th rate.  
 Timber, ironwood, mesquite and palo verde.  
 Undergrowth; greasewood, catclaw, ocotillo, cholla and cactus.

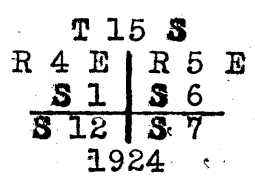
North, bet. secs. 7 and 12.  
 Over rolling and broken land, thru dense brush and scattering timber.

- 1.80 Desc. slightly over gradual NE. slope
- 16.40 Wash, 10 lks. wide, course NW.
- 20.00 Wash, 30 lks. wide, course W. Asc. slightly over SW. slope to
- 20.00 Low ridge, brs. NW. and SE.
- 30.52 Low ridge, brs. NW. and SE. At this point raise a md. of stone, on line. Desc. 34 ft. over NE. slope.
- 35.15 Drain, course NW.
- 37.30 Road, brs. E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



From which  
 Ironwood, 10 ins. in diam., brs. N. 25° 30' E., 42 lks. dist., marked 1/4 S 7 B T.  
 Mesquite, 10 ins. in diam., brs. N. 31° W., 118 lks. dist., marked 1/4 S 12 B T.

- 40.20 Road, brs. E. and W.
- 41.90 Wash, 20 lks. wide, course W.
- 50.00 Wash, 200 lks. wide, course NW. Asc. SW. slope of ridge
- 56.00 Low ridge, brs. NW. and SE. Desc. NE. slope.
- 68.30 Drain, course NW.
- 70.00 Wash, 70 lks. wide, course NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the cor. of secs. 1, 6, 7 and 12, marked on brass cap



From which  
 Mesquite, 10 ins. in diam., brs. S. 76° W., 46 lks. dist., marked T 15 S R 4 E S 12 B T.  
 Mesquite, 6 ins. in diam., brs. N. 51° W., 92 lks. dist., marked T 15 S R 4 E S 1 B T.  
 No other bearing trees available. Raise a md. of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.  
 Land; rolling and broken.  
 Soil; 4th rate.  
 Timber; mesquite, palo verde, ironwood.  
 Undergrowth; greasewood, catclaw, ocotillo, cholla and giant cactus.

First Guide Meridian East, thru  
Township 15 South, between Ranges 4 and 5 East.

Chains North, bet. secs. 1 and 6.  
Over rolling ground, thru dense undergrowth and scattering timber.  
Desc. 23 ft. over N. slope.  
2.20 Drain, course W.  
26.60 Wash, 20 lks. wide, course NW.  
31.00 Old road, brs. NE. and SW.  
37.10 Old road, brs. E. and W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 1 | S 6  
 1924

From which

Ironwood, 10 ins. in diam., brs. N. 27° 15' E.,  
58 lks. dist., mkd. T 15 S R 5 E S 6 B T.  
Ironwood, 6 ins. in diam., brs. N. 5° W., 94 lks.  
dist., mkd. T 15 S R 4 E S 1 B T.

57.00 Wash, 20 lks. wide, course NW.  
66.30 Wash, 30 lks. wide, course NW.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 14 and 15 S., Rs. 4 and 5 E., marked on brass cap.

T 14 S  
 R 4 E | R 5 E  
 S 36 | S 31  
 S 1 | S 6  
 T 15 S  
 1924

From which

Ironwood, 11 ins. in diam., brs. S. 0° 30' E., 110  
lks. dist., mkd. T 15 S R 5 E S 6 B T.  
Palo verde, 8 ins. in diam., brs. S. 57° 30' W., 30  
lks. dist., mkd. T 15 S R 4 E S 1 B T.  
Palo verde, 8 ins. in diam., brs. N. 46° W., 104  
lks. dist., mkd. T 14 S R 4 E S 36 B T.

No other bearing tree available. Raise a md. of stone  
3 ft. base, 2 ft. high S. of cor.

Land; rolling.

Soil; rocky, 4th rate.

Timber; ironwood, palo verde and mesquite.

Undergrowth; greasewood, ocotillo and giant cactus.

First Guide Meridian East, thru Township 14 South, between Ranges 4 and 5 East.

Chains From the corner of Ts. 14 and 15 S., Rs. 4 and 5 E., hereinbefore described, thru the Papago Indian Reservation, I run North, on 1st Guide Mer. E., bet. secs. 31 and 36. Over nearly level land, thru dense brush and scattering timber.

10.30 S. bank of wash, course NW.  
 16.60 N. bank of wash, course NW.  
 24.30 Old road, brs. NW. and SE.  
 25.50 Rocky wash, 50 lks. wide, course NW.  
 31.60 Wash, 20 lks. wide, course N. 70° W.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 36 | S 31  
 1924

From which

Palo verde, 6 ins. in diam., brs. N. 33° E., 35 lks. dist., marked  $\frac{1}{4}$  S 31 B T.  
 Palo verde, 6 ins. in diam., brs. N. 55° W., 25 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

41.80 Drain, course N. 70° W.  
 44.40 Road, brs. NW. and SE.  
 57.20 Wash, 10 lks. wide, course NW.  
 69.40 Bottom of gulch, and wash, banks 20 ft. high, course N. 70° W.  
 79.55 Dim road; brs. E. and W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked on brass cap

T 14 S  
 R 4 E | R 5 E  
 S 25 | S 30  
 S 36 | S 31  
 . 1924 .

From which

Palo verde, 6 ins. in diam., brs. N. 89° E., 35 lks. dist., marked T 14 S R 5 E S 30 B T.  
 Palo verde, 4 ins. in diam., brs. S. 42° E., 133 lks. dist., mkd. T 14 S R 5 E S 31 B T.  
 Palo verde, 6 ins. in diam., brs. S. 20° 30' W., 75 lks. dist., mkd. T 14 S R 4 E S 36 B T.  
 Palo verde, 4 ins. in diam., brs. N. 47° 30' W., 37 lks. dist., mkd. T 14 S R 4 E S 25 B T.

Land; level.

Soil; rocky, 4th rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood, ocotillo and giant cactus.

North, bet. secs. 25 and 30.

Over level land, thru dense brush and scattering timber.

1.30 Drain, course NW.  
 11.70 Wash, 150 lks. wide, course NW.  
 24.25 Rocky wash, 10 lks. wide, course NW.  
 39.00 Draw, course NW.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 25 | S 30  
 1924

First Guide Meridian East, thru  
Township 14 South, between Ranges 4 and 5 East.

Chains From which  
Palo verde, 6 ins. in diam., brs. N. 46° 30' E., 63  
lks. dist., marked  $\frac{1}{4}$  S 30 B T.  
Palo verde, 8 ins. in diam., brs. S. 57° 45' W., 44  
lks. dist., marked  $\frac{1}{4}$  S 25 B T.  
55.20 Rocky wash, 30 lks. wide, course N. 60° W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for the cor. of secs. 19, 24, 25 and 30,  
marked on brass cap

T 14 S	
R 4 E	R 5 E
S 24	S 19
S 25	S 30
1924	

From which  
Palo verde, 6 ins. in diam., brs. N. 64° E., 45 lks.  
dist., marked T 14 S R 5 E S 19 B T.  
Palo verde, 8 ins. in diam., brs. N. 2° W., 248 lks.  
dist., marked T 14 S R 4 E S 24 B T.  
No other bearing trees available. Raise a md. of stone  
 $2\frac{1}{2}$  ft. base, 2 ft. high W. of cor.  
Land; level.  
Soil; rocky, 4th rate.  
Timber; palo verde and mesquite.  
Undergrowth; greasewood, ocotillo and giant cactus.

North, bet. secs. 19 and 24.  
Over rolling land, thru dense brush and scattering timber.  
8.10 Drain, course NW.  
12.30 Wash, 150 lks. wide, course NW.  
16.00 Wash, 50 lks. wide, course W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 24	$\frac{1}{4}$	S 19
1924		

From which  
Ironwood tree, 10 ins. in diam., brs. S. 45° E., 200  
lks. dist., marked  $\frac{1}{4}$  S 19 B T.  
Palo verde, 8 ins. in diam., brs. S. 63° W., 90 lks.  
dist., marked  $\frac{1}{4}$  S 24 B T.  
44.00 Wash, 20 lks. wide, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for the cor. of secs. 13, 18, 19 and  
24, marked on brass cap

T 14 S	
R 4 E	R 5 E
S 13	S 18
S 24	S 19
1924	

From which  
Palo verde, 12 ins. in diam., brs. N. 39° W., 78 lks.  
dist., marked T 14 S R 4 E S 13 B T.  
No other bearing trees available. Raise a md. of stone  
3 ft. base, 2 ft. high, W. of cor.  
Land; rolling.  
Soil; rocky, 4th rate.  
Timber; palo verde, ironwood and mesquite.  
Undergrowth; greasewood, catclaw and giant cactus.

First Guide Meridian East, thru  
Township 14 South, between Ranges 4 and 5 East.

- Chains North, bet. secs. 13 and 18.  
Over level land, thru scattering timber and dense under-  
growth.
- 2.60 Drain, N. 20° W.  
8.30 Wash, 25 lks. wide, course W.  
30.00 Drain, course W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 13 | S 18  
1924

From which

- Mesquite, 8 ins. in diam., brs. N. 60° E., 36 lks.  
dist., marked  $\frac{1}{4}$  S 18 B T.  
Palo verde, 11 ins. in diam., brs. S. 83° W., 32 lks.  
dist., marked  $\frac{1}{4}$  S 13 B T.
- 41.00 Drain, course NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground, for cor. of secs. 7, 12, 13 and 18,  
marked on brass cap

T 14 S  
R 4 E | R 5 E  
S 12 | S 7  
S 13 | S 18  
1924

No bearing trees available. Raise a md. of stone, 2 ft.  
base  $1\frac{1}{2}$  ft. high W. of cor.

Land; level.

Soil; gravelly loam, 3rd rate.

Timber; palo verde, ironwood and mesquite.

Undergrowth; greasewood, catclaw and giant cactus.

- North, bet. secs. 12 and 7.  
Over level land, thru dense brush and scattering timber.
- 13.00 Wash, 30 lks. wide, course NW.  
24.10 Wash, 30 lks. wide, course N. 20° W.  
32.10 Same wash, course N. 30° E.  
34.00 Same wash, course N. 20° W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 12 | S 7  
1924

From which

- Palo verde, 5 ins. in diam., brs. S. 88° E., 102 lks.  
dist., marked  $\frac{1}{4}$  S 7 B T.  
Ironwood, 6 ins. in diam., brs. N. 30° 30' W., 100  
lks. dist., marked  $\frac{1}{4}$  S 12 B T.
- 42.90 Drain, course NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for the cor. of secs. 1, 6, 7 and 12  
marked on brass cap

T 14 S  
R 4 E | R 5 E  
S 1 | S 6  
S 12 | S 7  
1924

First Guide Meridian East, thru  
Township 14 South, between Ranges 4 and 5 East.

Chains From which  
 Mesquite, 5 ins. in diam., brs. N. 35° E., 190 lks.  
 dist., marked T 14 S R 5 E S 6 B T.  
 Mesquite, 10 ins. in diam., brs. S. 72° 30' E., 169  
 lks. dist., marked T 14 S R 5 E S 7 B T.  
 Palo verde, 12 ins. in diam., brs. S. 46° W., 110. lks.  
 dist., marked T 14 S R 4 E S 12 B T.  
 Palo verde, 10 ins. in diam., brs. N. 64° W., 104 lks.  
 dist., marked T 14 S R 4 E S 1 B T.  
 Land; level.  
 Soil; gravelly loam, 2nd rate.  
 Timber; palo verde, mesquite and ironwood.  
 Undergrowth; greasewood, ocotillo and cactus.

North, bet. secs. 1 and 6.  
 Over level ground, thru dense brush and scattering timber.  
 10.00 Enter heavy timber, brs. NW. and SE.  
 11.00 Wash, 100 lks. wide, course N. 30° W.  
 22.30 Wash, 50 lks. wide, course N. 10° W.  
 27.00 Same wash, course NE.  
 39.50 Same wash, course N. 20° W.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 1 | S 6  
 1924

From which  
 Mesquite, 6 ins. in diam., brs. S. 26° E., 66 lks.  
 dist., marked  $\frac{1}{4}$  S 6 B T.  
 Palo verde, 10 ins. in diam., brs. N. 6° W., 19 lks.  
 dist., marked  $\frac{1}{4}$  S 1 B T.  
 44.80 Road, brs. NW. and SE.  
 59.40 Wash, 30 lks. wide, course NE.  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins.  
 in the ground, for the cor. of Ts. 13 and 14 S.,  
 Rs. 4 and 5 E., marked on brass cap

T 13 S  
 R 4 E | R 5 E  
 S 36 | S 31  
 S 1 | S 6  
 T 14 S  
 1924

From which  
 Mesquite, 6 ins. in diam., brs. N. 80° E., 163 lks.  
 dist., marked T 13 N R 5 E S 31 B T.  
 Mesquite, 8 ins. in diam., brs. S. 17° E., 27 lks.  
 dist., marked T 14 S R 5 E S 6 B T.  
 Mesquite, 6 ins. in diam., brs. S. 81° W., 144 lks.  
 dist., marked T 14 S R 4 E S 1 B T.  
 Mesquite, 10 ins. in diam., brs. N. 58° W., 183 lks.  
 dist., marked T 13 S R 4 E S 36 B T.  
 Land; level.  
 Soil; gravelly loam, 2nd rate.  
 Timber; palo verde, mesquite and ironwood.  
 Undergrowth; greasewood, ocotillo, and giant cactus.

First Guide Meridian East, thru  
Township 13 South, between Ranges 4 and 5 East.

Chains From the corner of Ts. 13 and 14 S., Rs. 4 and 5 E.,  
hereinbefore described, thru the Papago Indian  
Reservation, I run  
North, on the 1st Guide Meridian E., bet. secs. 31 and 36.  
Over level ground, thru dense brush and heavy timber.  
8.30 Drain, course NW.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 36 | S 31  
1924

From which

Ironwood, 6 ins. in diam., brs. N. 9° E., 68 lks.  
dist., mkd.  $\frac{1}{4}$  S 31 B T.  
Ironwood, 10 ins. in diam., brs. S. 24° W., 94 lks.  
dist., mkd.  $\frac{1}{4}$  S 36 B T.  
79.00 Wash, 20 lks. wide, course NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.  
in the ground, for cor. of secs. 25, 30, 31 and 36,  
marked on brass cap

T 13 S  
R 4 E | R 5 E  
S 25 | S 30  
S 36 | S 31  
1924

From which

Ironwood, 22 ins. in diam., brs. N. 19° E., 97 lks.  
dist., marked T 13 S R 5 E S 30 B T.  
Ironwood, 10 ins. in diam., brs. S. 65° E., 267 lks.  
dist., marked T 13 S R 5 E S 31 B T.  
Ironwood, 8 ins. in diam., brs. S. 32° W., 30 lks.  
dist., marked T 13 S R 4 E S 36 B T.  
Ironwood, 4 ins. in diam., brs. N. 16° 30' W., 86 lks.  
dist., marked T 13 S R 4 E S 25 B T.

Land; level.

Soil; sandy loam, 1st rate.

Timber; palo verde, ironwood and mesquite.

Undergrowth; greasewood, ocotillo, cholla, catclaw and  
giant cactus.

North, bet. secs. 25 and 30.  
Over level land, thru dense brush and scattering timber.  
24.40 Wash, 10 lks. wide, course NW.  
28.50 Wash, 10 lks. wide, course W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 25 | S 30  
1924

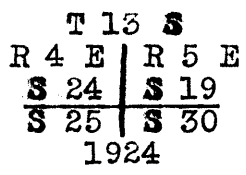
From which

Ironwood, 5 ins. in diam., brs. S. 4° 30' E., 24 lks.  
dist., marked  $\frac{1}{4}$  S 30 B T.  
Mesquite stump, 10 ins. in diam., brs. N. 69° 30' W.,  
15 lks. dist., marked  $\frac{1}{4}$  S 25 B T.  
42.10 Dim road, brs. N. 80° W., and S. 80° E.  
48.50 Wash, 20 lks. wide, course NW.  
54.20 Gila Bend and Tucson road, brs. NW. and SE.  
77.00 Enter heavy timber, on overflow land, brs. NW. and SE.

First Guide Meridian East, thru Township 13 South, between Ranges 4 and 5 East.

Chains

- 78.80 Wash, 50 lks. wide, course N. 80° W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 19, 24, 25 and 30, marked on brass cap



From which

- Ironwood, 4 ins. in diam., brs. N. 65° E., 26 lks. dist., marked T 13 S R 5 E S 19 B T.
- Ironwood, 10 ins. in diam., brs. S. 1° E., 91 lks. dist., marked T 13 S R 5 E S 30 B T.
- Mesquite, 10 ins. in diam., brs. S. 66° W., 92 lks. dist., marked T 13 S R 4 E S 25 B T.
- Palo verde, 10 ins. in diam., brs. N. 7° W., 24 lks. dist., marked T 13 S R 4 E S 24 B T.

Land; level.

Soil; sandy loam, 1st rate.

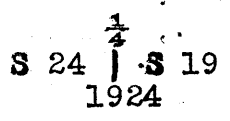
Timber; palo verde, ironwood and mesquite.

Undergrowth; greasewood and cactus.

North, bet. secs. 24 and 19.

Over level land, thru dense brush and heavy timber.

- 4.50 Wash, 2 chs. wide, course NW.
- 22.00 Wash, 2 chs. wide, course NW.
- 25.00 Leave heavy timber, brs. NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

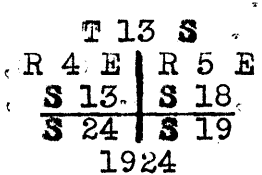


From which

- Ironwood, 12 ins. in diam., brs. S. 16° E., 282 lks. dist., marked  $\frac{1}{4}$  S 19 B T.
- Ironwood, 12 ins. in diam., brs. S. 43° 15' W., 217 lks. dist., marked  $\frac{1}{4}$  S 24 B T.

60.00 Drain, course NW.

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



From which

- Palo verde, 5 ins. in diam., brs. N. 82° 30' E., 104 lks. dist., marked T 13 S R 5 E S 18 B T.
- Ironwood, 12 ins. in diam., brs. S. 22° 30' E., 112 lks. dist., marked T 13 S R 5 E S 19 B T.
- Ironwood, 10 ins. in diam., brs. S. 39° W., 51 lks. dist., marked T 13 S R 4 E S 24 B T.
- Ironwood, 10 ins. in diam., brs. N. 38° W., 92 lks. dist., marked T 13 S R 4 E S 13 B T.

Land; level.

Soil; rocky, 4th rate.

Timber; palo verde and ironwood.

Undergrowth; catclaw, ocotillo and cactus.



First Guide Meridian East, thru  
Township 13 South, between Ranges 4 and 5 East.

- Chains North, bet. secs. 13 and 18.  
Over level land, thru dense brush and scattering timber.  
12.50 From this point, Santa Rosa Mt., brs. N. 25° 30' E.  
24.00 Wash, 10 lks. wide, course N. 20° W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 13 \quad | \quad \text{S } 18 \\ 1924 \end{array}$$

## From which

- Mesquite, 4 ins. in diam., brs. N. 71° E., 146 lks.  
dist., marked  $\frac{1}{4}$  S 18 B T.  
Mesquite, 5 ins. in diam., brs. N. 76° W., 124 lks.  
dist., marked  $\frac{1}{4}$  S 13 B T.  
Santa Rosa Mt. brs. N. 27° 30' E.  
45.00 Mesquite thicket, brs. NW. and SE.  
63.30 Well traveled road, brs. E. and W.  
72.00 Drain, course NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for the cor. of secs. 7, 12, 13 and  
18, marked on brass cap

$$\begin{array}{c} \text{T } 13 \quad \text{S} \\ \text{R } 4 \quad \text{E} \quad | \quad \text{R } 5 \quad \text{E} \\ \text{S } 12 \quad | \quad \text{S } 7 \\ \text{S } 13 \quad | \quad \text{S } 18 \\ 1924 \end{array}$$

## From which

- Mesquite, 10 ins. in diam., brs. N. 64° E., 112 lks.  
dist., marked T 13 S R 5 E S 7 B T.  
Mesquite, 8 ins. in diam., brs. S. 58° E., 120 lks.  
dist., marked T 13 S R 5 E S 18 B T.  
Mesquite, 6 ins. in diam., brs. S 43° 15' W., 294  
lks. dist., marked T 13 S R 4 E S 13 B T.  
Mesquite, 10 ins. in diam., brs. N. 66° W., 11 lks.  
dist., marked T 13 S R 4 E S 12 B T.

Land; level.

Soil; gravelly loam, 2nd rate.

Timber; mesquite and ironwood.

Undergrowth; greasewood, and mesquite brush.

- North, bet. secs. 7 and 12.  
Over level land, thru dense brush and scattering timber.  
2.80 Drain, course W.  
7.50 Drain, course NW.  
10.00 Leave heavy mesquite thicket, brs. NW. and SE.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

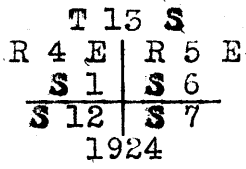
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 12 \quad | \quad \text{S } 7 \\ 1924 \end{array}$$

## From which

- Mesquite, 4 ins. in diam., brs. S. 80° E., 62 lks.  
dist., marked  $\frac{1}{4}$  S 7 B T.  
Mesquite, 6 ins. in diam., brs. S. 21° 30' W., 80  
lks. dist., marked  $\frac{1}{4}$  S 12 B T.  
Santa Rosa Mt. brs. N. 35° 30' E.  
44.00 Enter mesquite thicket, brs. NW. and SE.  
44.50 Wash, 20 lks. wide, course NW.

First Guide Meridian East, thru  
Township 13 South, between Ranges 4 and 5 East.

- Chains
- 46.00 Part of same wash, 20 lks. wide, course NW.
  - 52.30 Road, brs. S. 80° E., and N. 80° W.
  - 59.00 Enter overflow land, brs. NW. and SE.
  - 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap

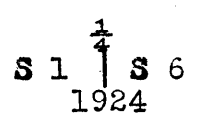


From which

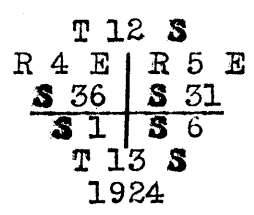
- Mesquite, 10 ins. in diam., brs. N. 43° 30' E., 32 lks. dist., marked T 13 S R 5 E S 6 B T.
- Mesquite, 5 ins. in diam., brs. S. 11° 30' E., 17 lks. dist., marked T 13 S R 5 E S 7 B T.
- Mesquite, 10 ins. in diam., brs. S. 1° W., 53 lks. dist., marked T 13 S R 4 E S 12 B T.
- Mesquite, 6 ins. in diam., brs. N. 62° 30' W., 47 lks. dist., marked T 13 S R 4 E S 1 B T.

Land; level.  
Soil; sandy loam, 1st rate.  
Timber; mesquite and palo verde.  
Undergrowth; mesquite brush and greasewood.

- 10.00 North, bet. secs. 1 and 6.  
Over level land, thru dense brush and scattering timber. Leave mesquite thicket and overflow land; enter scattering mesquite and greasewood brush, brs. NW.
- 27.70 Old road, brs. NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap



- From which
- Mesquite, 10 ins. in diam., brs. S. 20° E., 290 lks. dist., marked 1/4 S 6 B T.
  - Mesquite, 12 ins. in diam., brs. N. 55° 30' W., 365 lks. dist., marked 1/4 S 1 B T.
- 48.30 Wash, 30 lks. wide, course W.
  - 55.00 The extreme south end of Santa Rosa Mt., brs. E., about 1 1/2 miles dist.; continue along westerly slope, over stony ground.
  - 80.00 Top of Santa Rosa Mt. brs. N. 57° 10' E.
  - Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for the cor. of Ts. 12 and 13 S., Rs. 4 and 5 E., marked on brass cap



*See 1936 location*

From which

- Palo verde, 4 ins. in diam., brs. N. 53° E., 112 lks. dist., marked B T only.

An iron post, 3 ins. diam., 10 ins. up, firmly set in ground, with brass cap mkd.

T	12	S
R	4	E
S	36	S
S	1	S
T	13	S
	1936	
	1924	

(1936 added)

Reset in concrete, 36x15x9 ins., 30 ins. deep; from which

Reference mark No. 1 bears N.45°W., 14.51 metres dist.

Reference mark No. 2 bears S.45°E., 13.26 metres dist.

Both are brass tablets in concrete forms, 30x12x7 ins., 26 ins. deep.

Cor. was observed from HMA 85, Rosa, Sheridan and Brownell.

Brownell bears S.58°19'W.

Santa Rosa main peak bears N.58°37'E., vert. angle is 13½° up.

Sheridan bears N.67°25'W.

Rosa bears N.57°50'E., about ½ mile dist.

Cor. can be reached by truck, as follows: from church with bell in tower, at Santa Rosa, go N. on Hwy.

- .05 Graded road bears E. from Hwy., turn right onto this road, which goes past Santa Rosa School house
- 0.8 Road forks, take right.
- 0.6 Road forks, take left, leave graded road.
- 1.6 Road forks, take left, MTR.
- 0.8 Road forks, take left.
- 0.7 Road forks, take left.
- 0.6 Road forks, take left.
- 1.6 Azimuth mark for Rosa on left, on charge bank.
- 0.05 Road forks, take right.
- 0.15 Road forks, take left, follow dim tracks, road to Rosa sta.
- 1.4 Turn right from road to Rosa sta.; go SE. on tracks.
- 0.15 Cor. #19.

Cor. is about 8 miles E. of Santa Rosa, 8½ miles by travel.

Roger F. Wilson  
U.S. Transitman

First Guide Meridian East, thru  
Township 13 South, between Ranges 4 and 5 East.

Chains	<p>Palo verde, 4 ins. in diam., brs. S. 83° 30' E., 62 lks. dist., marked B T only.</p> <p>Palo verde, 4 ins. in diam., brs. S. 31° W., 185 lks. dist., marked B T only.</p> <p>Ironwood, 4 ins. in diam., brs. N. 77° 45' W., 186 lks. dist., marked B T only.</p> <p>Land; level.</p> <p>Soil; gravelly loam, 3rd rate.</p> <p>Timber; palo verde, ironwood and mesquite.</p> <p>Undergrowth; greasewood, catclaw and cactus.</p>
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First Guide Meridian East, thru  
Township 12 South, between Ranges 4 and 5 East.

Chains The south three miles of the First Guide Meridian East thru T. 12 S., is within the Papago Indian Reservation. The north three miles thereof forms a boundary of said reservation, which lies to the west thereof, with the public lands lying to the east.  
From the corner of Ts. 12 and 13 S., Rs. 4 and 5 E., hereinbefore described, I run  
North, bet. secs. 31 and 36.  
Over broken, rocky land, thru dense undergrowth and scattering timber.  
2.40 Rocky wash, 15 lks. wide, course W.  
31.90 At this point raise a mound of stone, 3 ft. base, 2 ft. high, on line, on summit of low pass. About 2 chs. west an old road brs. N. and S. Thence along gradual W. slope.  
39.60 Mound of stone, which is a mining claim cor., brs. W. 5.00 chs. dist.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 36 | S 31  
1924

No bearing trees available. Raise a md. of stone  $3\frac{1}{2}$  ft. base 2 ft. high, W. of cor.  
44.30 Drain, brs. W.  
61.00 Wash, 60 lks. wide, course W.  
77.50 Rocky wash, 30 lks. wide, course SW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 25, 30, 31 and 36, marked on brass cap

T 12 S  
R 4 E | R 5 E  
S 25 | S 30  
S 36 | S 31  
1924

No bearing trees available. Raise a md. of stone  $2\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Land; rolling and broken.  
Soil; rocky, 4th rate.  
Timber; scattering palo verde, ironwood and mesquite.  
Undergrowth; greasewood, mesquite brush and cactus.

North, bet. secs. 25 and 30.  
Over rolling SW. slope, thru dense brush and scattering timber.  
Asc. gradually 110 ft. to  $\frac{1}{4}$  cor.  
11.00 Wash, 30 lks. wide, course SW.  
15.00 Old road, brs. N.  $10^\circ$  E., and S.  $10^\circ$  W.  
20.00 Santa Rosa Mt. brs. E.  
24.90 Old road, brs. E. and W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 25 | S 30  
1924

From which  
Ironwood, 4 ins. in diam., brs. S.  $84^\circ$  E., 50 lks. dist., marked  $\frac{1}{4}$  S 30 B T.

First Guide Meridian East, thru  
Township 12 South, between Ranges 4 and 5 East.

Chains Ironwood, 5 ins. in diam., brs. S. 40° W., 64 lks.  
dist., marked  $\frac{1}{4}$  S 25 B T.  
Desc. slightly over gradual NW. slope.  
43.00 Ravine, 10 ft. deep, 100 lks. wide, course SW.  
45.00 Knoll brs. W., 5.00 chs. dist.  
47.00 Low ridge, brs. E. and W.  
47.10 At this point, raise a md. of stone, 3 ft. base, 2 ft.  
high.  
50.05 Old road, brs. E. and W.  
62.00 Wash, 30 lks. wide, course NW.  
64.00 Wash, course west.  
67.50 Wash, 75 lks. wide, course W.  
71.00 Wash, 50 lks. wide, course W.  
80.00 True point for cor. falls in wash, course west.  
80.15 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins.  
in the ground to bed rock and raise a md. of stone  
around post, for witness cor. to cor. of secs. 19,  
24, 25 and 30, marked on brass cap

T 12 S	
R 4 E	R 5 E
S 24	S 19
S 25	S 30
WC	
1924	

## From which

Ironwood, 5 ins. in diam., brs. S. 55° 30' E., 110  
lks. dist., marked W C T 12 S R 5 E S 30 B T.  
Palo verde, 5 ins. in diam., brs. S. 27° W., 10 lks.  
dist., marked W C T 12 S R 4 E S 25 B T.  
Palo verde, 6 ins. in diam., brs. N. 26° W., 11 lks.  
dist., marked W C T 12 N R 4 E S 24 B T.

No other bearing tree available.

Land; gently rolling.

Soil; rocky, 4th rate.

Timber; palo verde, ironwood and mesquite.

Undergrowth; greasewood, cactus and ocotillo.

## North, bet. secs. 19 and 24.

Over broken land, thru dense undergrowth and scattering  
timber.

Asc. over gradual W. slope.

0.15 Witness cor. to cor. of secs. 19, 24, 25 and 30.  
10.00 Wash, 50 lks. wide, course S. 80° W.  
17.40 Rocky wash, course W.  
22.50 Wash, 200 lks. wide, course W.  
39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, as witness cor. to  $\frac{1}{4}$  sec. cor., marked  
on brass cap

$\frac{1}{4}$	
W C	
S 24	S 19
1924	

## From which

Ironwood, 5 ins. in diam., brs. S. 50° E., 80 lks.  
dist., marked W C  $\frac{1}{4}$  S 19 B T.  
Ironwood, 4 ins. in diam., brs. N. 22° W., 38 lks.  
dist., marked W C  $\frac{1}{4}$  S 24 B T.

40.00 True point for  $\frac{1}{4}$  sec. cor. falls in wash 30 lks. wide,  
course W.  
47.60 Ravine, course W.

First Guide Meridian East, thru  
Township 12 South, between Ranges 4 and 5 East.

## Chains

- 61.30 Top of Santa Rosa Mt., brs. S. 50° E.  
65.10 Wash, 20 lks. wide, course N. 70° W.  
72.00 Left bank of wash, course NW.  
75.00 Right bank of wash, course NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for the cor. of secs. 13, 18, 19 and 24  
marked on brass cap

T 13 S	
R 4 E	R 5 E
S 13	S 18
S 24	S 19
1924	

## From which

- Palo verde, 10 ins. in diam., brs. N. 20° E., 110  
lks. dist., marked T 13 S R 5 E S 18 B T.  
Ironwood, 6 ins. in diam., brs. S. 40° E., 144 lks.  
dist., marked T 13 S R 5 E S 19 B T.  
Ironwood, 10 ins. in diam., brs. S. 24° 30' W., 60  
lks. dist., marked T 13 S R 4 E S 24 B T.  
Ironwood, 6 ins. in diam., brs. N. 5° W., 166 lks.  
dist., marked T 13 S R 4 E S 13 B T.

## Land; broken.

Soil; rocky, 4th rate.

Timber; scattering palo verde, ironwood and mesquite.

Undergrowth; greasewood, ocotillo and giant cactus.

## North, bet. secs. 13 and 18.

Over broken W. slope, thru dense brush and scattering  
timber.

- 11.90 Wash, 50 lks. wide, course W.  
15.00 Wash, 3 chs. wide, course W.  
23.00 Wash, 150 lks. wide, course W.  
27.50 South bank of wash, course W.  
36.20 North bank of same wash.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$	
S 13	S 18
1924	

## From which

- Ironwood, 6 ins. in diam., brs. S. 63° E., 142 lks.  
dist., marked  $\frac{1}{4}$  S 18 B T.  
Ironwood, 5 ins. in diam., brs. N. 46° 50' W., 222  
lks. dist., marked  $\frac{1}{4}$  S 13 B T.  
45.70 Old road, brs. E. and W.  
47.40 Ravine, 100 lks. wide, course W.  
55.00 Wash, 100 lks. wide, course W.  
65.00 Wash, 70 lks. wide, course W.  
79.00 Wash, 50 lks. wide, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for the cor. of secs. 7, 12, 13 and 18,  
marked on brass cap

T 12 S	
R 4 E	R 5 E
S 12	S 7
S 13	S 18
1924	

First Guide Meridian East, thru  
Township 12 South, between Ranges 4 and 5 East.

Chains From which  
Ironwood, 4 ins. in diam., brs. N. 67° E., 110 lks.  
dist., marked B T only.  
Ironwood, 4 ins. in diam., brs. N. 6° 30' W., 110 lks.  
dist., marked B T only.  
No other bearing trees available. Raise a mound of stone  
3 ft. base, 2 ft. high, W. of cor.  
Land; broken.  
Soil; rocky, 4th rate.  
Timber; palo verde and ironwood.  
Undergrowth; greasewood, cholla, and giant cactus.

North, bet. secs. 7 and 12.  
Over broken, rocky west slope, thru dense brush and  
scattering timber.

12.70 Ravine, 150 lks. wide, course W.  
25.00 Rocky wash, 150 lks. wide, course west.  
36.40 Rocky wash, 100 lks. wide, course S. 70° W.  
40.00 No iron post, being available, set a granite stone 20  
x 12 x 8 ins., 10 ins. in the ground, for  $\frac{1}{4}$  sec. cor.  
marked on brass cap,

S 12		S 7
	$\frac{1}{4}$	
	1924	

From which  
Ironwood, 10 ins. in diam., brs. N. 35° 30' E., 95  
lks. dist., marked  $\frac{1}{4}$  S 7 B T.  
Ironwood, 5 ins. in diam., brs. S. 78° 30' W., 87  
lks. dist., marked  $\frac{1}{4}$  S 12 B T.

61.00 Drain, course W.  
70.00 Rocky wash, 100 lks. wide, course W.  
79.00 Wash, 50 lks. wide, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.  
in the ground, for cor. of secs. 1, 6, 7 and 12,  
marked on brass cap

	T 12 S	
R 4 E		R 5 E
S 1		S 6
S 12		S 7
	1924	

From which  
Palo verde, 5 ins. in diam., brs. N. 74° 30' E., 90  
lks. dist., marked T 12 S R 5 E S 6 B T.  
Ironwood, 5 ins. in diam., brs. S. 17° 30' E., 31  
lks. dist., marked T 12 S R 5 E S 7 B T.  
Ironwood, 4 ins. in diam., brs. S. 49° 45' W., 80 lks.  
dist., marked T 12 S R 4 E S 12 B T.  
Ironwood, 5 ins. in diam., brs. N. 87° W., 130 lks.  
dist., marked T 12 S R 4 E S 1 B T.

Land; broken.  
Soil; stony, 4th rate.  
Timber; palo verde, ironwood and mesquite.  
Undergrowth; greasewood, catclaw, ocotillo and cactus.

North, bet. secs. 1 and 6.  
Over rolling and broken land, thru dense brush and scat-  
tering timber.

6.00 Left bank of wash, course W.  
9.00 Leave wash.  
14.00 Wash, 2 chs. wide, course W.  
34.00 Wash, 30 lks. wide, course W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in



First Guide Meridian East, thru  
Township 12 South, between Ranges 4 and 5 East.

Chains the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 1 | S 6  
 1924

From which

Ironwood, 6 ins. in diam., brs. N. 25° E., 89 lks.  
dist., marked  $\frac{1}{4}$  S 6 B T.

Ironwood, 10 ins. in diam., brs. S. 52° 30' W., 67  
lks. dist., marked  $\frac{1}{4}$  S 1 B T.

61.00 Wash, 20 lks. wide, course W.

61.80 The Second Peak of the Santa Rosa Range of mountains  
brs. S. 31° 30' E., the North Peak brs. N. 80° E.

67.60 Wash, course W.

71.00 McKinney's wire fence, brs. N. 84° W., and S. 84° E.

80.00 Same point of North Peak of Santa Rosa Range of mountains  
brs. S. 86° 40' E.

Set an iron post, 3 ft. long, 5 ins. in diam., 24 ins.  
in the ground for the cor. of Ts. 11 and 12 S., Rs.  
4 and 5 E., marked on brass cap

T 11 S  
 R 4 E | R 5 E  
 S 36 | S 31  
 S 1 | S 6  
 T 12 S  
 1924

From which

Palo verde, 6 ins. in diam., brs. N. 29° 30' E., 43  
lks. dist., marked T 11 S R 5 E S 31 B T.

Ironwood, 10 ins. in diam., brs. N. 52° W., 37 lks.  
dist., marked T 11 S R 4 E S 36 B T.

No other bearing trees available. Raise a mound of  
stone 3 ft. base, 2 ft. high S. of cor.

Land; broken.

Soil; rocky, 4th rate.

Timber; palo verde, ironwood and mesquite.

Undergrowth; greasewood, catclaw and ocotillo.

First Guide Meridian East, thru  
Township 11 South, between Ranges 4 and 5 East.

Chains The south three miles of the First Guide Meridian East thru T. 11 S., crosses public lands of the U. S., The north three miles thereof is entirely within the Papago Indian Reservation.  
From the cor. of Ts. 11 and 12 S., Rs. 4 and 5 E., hereinbefore described, I run  
North, bet. secs. 31 and 36.  
Over nearly level land, thru dense brush and scattering timber.

0.10 Wash, 10 lks. wide, course west.  
5.00 Wash, 10 lks. wide, course N. 70° W.  
10.00 Wash, 10 lks. wide, course NW.  
34.90 Wash, 20 lks. wide, course NW.  
39.00 Wash, 50 lks. wide, course W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 36	$\frac{1}{4}$	S 31
1924		

From which

Ironwood, 10 ins. in diam., brs. N. 31° E., 139 lks. dist., marked  $\frac{1}{4}$  S 31 B T.

Ironwood, 6 ins. in diam., brs. S. 62° W., 39 lks. dist., marked  $\frac{1}{4}$  S 36 B T.

50.00 Shallow wash, course west.

52.20 Wash, 10 lks. wide, course NW., thence over series of small draws, general course NW.

60.00 Enter 1st class soil, brs. NE. and SW.

66.00 Old road, brs. NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 25, 30, 31 and 36, marked on brass cap

T 11 S	
R 4 E	R 5 E
S 25	S 30
S 36	S 31
1924	

From which

Mesquite, 6 ins. in diam., brs. N. 82° 30' E., 143 lks. dist., marked T 11 S R 5 E S 30 B T.

Mesquite, 14 ins. in diam., brs. S. 11° E., 166 lks. dist., marked T 11 S R 5 E S 31 B T.

Mesquite, 5 ins. in diam., brs. S. 28° 30' W., 250 lks. dist., marked T 11 S R 4 E S 36 B T.

Mesquite, 10 ins. in diam., brs. N. 81° W., 51 lks. dist., marked T 11 S R 4 E S 25 B T.

Land; level.

Soil; rocky, 4th rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood, ocotillo and cactus.

North, bet. secs. 25 and 30.

Over level land, thru dense brush and scattering timber.

0.80 Drain, course NW.

10.50 Shallow wash, 20 lks. wide, course W.

24.00 Road, brs. NE. and S. 20° W.

27.67 Hoist at mine shaft, brs. S. 76° E.

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

First Guide Meridian East, thru Township 11 South, between Ranges 4 and 5 East.

Chains

	1/4	
S 25		S 30
1924		

From which  
 Mesquite, 5 ins. in diam., brs. N. 15° 30' E., 163 lks. dist., marked 1/4 S 30 B T.  
 Mesquite, 6 ins. in diam., brs. N. 41° 15' W., 393 lks. dist., marked 1/4 S 25 B T.  
 U. S. L. M. No. 1488, situated on a black butte, brs. N. 71° 05' E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 19, 24, 25 and 30, marked on brass cap

T 11 S	
R 4 E	R 5 E
S 24	S 19
S 25	S 30
1924	

From which  
 Mesquite, 8 ins. in diam., brs. N. 71° E., 218 lks. dist., marked T 11 S R 5 E S 19 B T.  
 Mesquite, 10 ins. in diam., brs. N. 29° 30' W., 215 lks. dist., marked T 11 S R 4 E S 19 B T.  
 No other bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 5 ft. dist.  
 Land; level.  
 Soil; gravelly, 3rd rate.  
 Timber; mesquite, palo verde and ironwood.  
 Undergrowth; greasewood and cactus.

2.80 North, bet. secs. 19 and 24.  
 Over level ground, thru dense brush and scattering timber  
 40.00 Shallow wash, 40 lks. wide, course W.  
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

	1/4	
S 24		S 19
1924		

No bearing trees available. Dig pits 18 x 18 x 12 ins. N. and S. of cor. on line, 3 ft. dist.  
 U. S. L. M. No. 1488, brs. S. 74° 45' E.  
 57.00 Wash, 10 lks. wide, course W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for the cor. of secs. 13, 18, 19 and 24, marked on brass cap

T 11 S	
R 4 E	R 5 E
S 13	S 18
S 24	S 19
1924	

From which  
 Mesquite, 6 ins. in diam., brs. S. 77° 35' W., 330 lks. dist., marked T 11 S R 4 E S 24 B T.  
 Mesquite, 12 ins. in diam., brs. N. 25° W., 330 lks. dist., marked T 11 S R 4 E S 13 B T.  
 Butte brs. N. 24° W.  
 Isolated knoll brs. S. 89° 30' E.  
 U. S. L. M. No. 1488 brs. S. 59° 55' E.  
 No other bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
 Land; level.

U.S. L.M. No. 1488  
 T. 11 S. R. 5 E

X

X

First Guide Meridian East, thru  
Township 11 South, between Ranges 4 and 5 East.

- Chains North, bet. secs. 13 and 18.  
Over level ground, thru dense brush and scattering timber
- 13.40 Three-wire fence, brs. E. and W.  
30.00 Enter mesquite thicket.  
31.60 Road, brs. E. and W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 13 | S 18  
 1924

- No bearing trees available. Dig pits 18 x 18 x 12 ins. on line, N. and S., of cor. 3 ft. dist.
- 45.00 Leave heavy mesquite thicket, brs. E. and W.  
75.70 Wash, 10 lks. wide, course W., thence thru heavy timber  
76.70 Branch of same wash, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 7, 12, 13 and 18, marked on brass cap

T 11 S  
 R 4 E | R 5 E  
 S 12 | S 7  
 S 13 | S 18  
 1924

From which

- Mesquite, 6 ins. in diam., brs. S. 82° E., 196 lks. dist., marked T 11 S R 5 E S 18 B T.  
Mesquite, 6 ins. in diam., brs. S. 13° 45' W., 130 lks. dist., marked T 11 S R 4 E S 13 B T.  
Lone butte, brs. N. 38° 30' W.  
Lone black knoll, brs. S. 67° 45' E.  
No other bearing trees available. Dig pits 18 x 18 x 12 in each sec. 3 ft. dist.  
Land; level.  
Soil; 1st rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; greasewood, ocotillo and cactus.

- North, bet. secs. 7 and 12.  
Over level land; thru dense brush and scattering timber.
- 14.60 Wash, 10 lks. wide, course SW.  
22.70 Drain, course SE.  
37.50 Old road, brs. NW. and SE.  
38.00 Wash, 20 lks. wide, course W. Enter heavy thicket of mesquite, brs. E. and W.  
40.00 Set iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 12 | S 7  
 1924

From which

- Mesquite, 10 ins. in diam., brs. S. 15° E., 131 lks. dist., marked  $\frac{1}{4}$  S 7 B T.  
Mesquite, 5 ins. in diam., brs. S. 5° W., 120 lks. dist., marked  $\frac{1}{4}$  S 12 B T.  
51.70 Old road, brs. NW. and SE.  
55.00 Wash, 40 lks. wide, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the cor. of secs. 1, 6, 7 and 12, marked on brass cap

First Guide Meridian East, thru  
Township 11 South, between Ranges 4 and 5 East.

Chains

T 11 S	
R 4 E	R 5 E
S 1	S 6
S 12	S 7

1924

From which

- Ironwood, 6 ins. in diam., brs. N. 2° 30' E., 140 lks. dist., marked T 11 S R 5 E S 6 B T.
- Ironwood, 10 ins. in diam., brs. S. 30° 30' E., 35 lks. dist., marked T 11 S R 5 E S 7 B T.
- Ironwood, 10 ins. in diam., brs. S. 21° W., 183 lks. dist., marked T 11 S R 4 E S 12 B T.
- Ironwood, 8 ins. in diam., brs. N. 83° W., 170 lks. dist., marked T 11 S R 4 E S 1 B T.
- Lone Butte, brs. N. 75° W.
- Lone butte, brs. S. 51° E.

Land; nearly level.

Soil; sandy, 1st and 2nd rate.

Timber; mesquite and ironwood.

Undergrowth; dense greasewood, ocotillo, and giant cactus.

North, on a true line, bet. secs. 1 and 6.

Over nearly level land, thru dense brush and scattering timber.

- 4.80 Wash, 20 lks. wide, course W.
- 10.00 Wash, 50 lks. wide, course SW.
- 34.00 Wash, 50 lks. wide, course S. 70° W.
- 39.95 Road, brs. NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 1   S 6	
1924	

From which

- Ironwood, 6 ins. in diam., brs. S. 89° E., 37 lks. dist., marked  $\frac{1}{4}$  S 6 B T.
- Ironwood, 8 ins. in diam., brs. S. 28° W., 195 lks. dist., marked  $\frac{1}{4}$  S 1 B T.

- 42.50 Wash, 20 lks. wide, course W.
- 47.20 Road, brs. NW. and SE.
- 52.20 Wash, 30 lks. wide, course W.
- 68.40 Old road, brs. S. 70° W., and N. 70° E.
- 74.30 Wash, 100 lks. wide, course west.
- 80.70 Wash, 30 lks. wide, course S. 20° W.
- 89.09 Intersect the Second Standard Parallel South, at a point 15.61 chs. E. of the std. cor. of Secs. 35 and 36, T. 10 S., R. 4 E., established by me in January, 1915, a three inch iron post, projecting 12 ins. above ground, witnessed by pits and mound. (Brass cap has been mutilated by use of a dull ax). I retrace the west one-half of the south bdy. of Sec. 36, for alinement, only. At point of intersection Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for closing corner, marked on brass cap

C	C
R 4 E	R 5 E
S 1	S 6
T 11 S	
1924	

First Guide Meridian East, thru  
Township 11 South, between Ranges 4 and 5 East.

Chains From which  
Ironwood, 6 ins. in diam., brs. S. 88° E., 230 lks.  
dist., marked T 11 S R 5 E S 6 C C B T.  
Ironwood, 8 ins. in diam., brs. S. 8° W., 370 lks.  
dist., marked T 11 S R 4 E S 1 C C B T.  
Land; level, rocky and broken.  
Soil; S. half, stony surface; N. half, 2nd and 4th rate.  
Timber; ironwood, palo verde and mesquite.  
Undergrowth; dense greasewood, catclaw, ocotillo and  
giant cactus.

Final Field Test of Instrument No. 8592, by  
William H. Thorn,  
U. S. Cadastral Engineer.

May 20, 1924: At a point on the First Guide Meridian East., 17.48 chs. N. of the cor. of secs. 13, 18, 19 and 24, T. 11 S., Rs. 4 and 5 E., G. & S. R. B. & M., Arizona., I examine the adjustments of the transit and correct all errors; then, to test the solar apparatus, by comparing their indications, resulting from observations made during a. m. and p. m. hours with a meridian established by observations on Polaris, I proceed as follows:

May 20, 1924: At camp, at the above described point, lat 32° 28' N., long. 111° 54½' W., at 3 hrs. 44 m., p. m., l. m. t., I observe Polaris at western elongation, 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 10.00 chs. N. of my station.

Azimuth of Polaris at western elongation 1° 18' 38".

At 3 hrs., 50 m., p. m., l. m. t., I lay off the azimuth of Polaris 1° 18½' to the east, and mark the meridian thus determined by a tack in a peg driven firmly in the ground 10.00 chs. N.

May 20, 1924: At 4 hrs. 00 m., p. m., l. m. t., set off 32° 28' on the lat. arc; 20° 05' N. on the decl. arc; and determine a meridian with the solar.

May 21, 1924: At 7 hrs. 00 m., a. m., l. m. t., set off 32° 28' N. on the lat. arc; 20° 13' N. on the decl. arc; and determine a meridian with the solar.

As the three meridians agree within one minute of arc I conclude that the adjustment of the transit has been satisfactory throughout the surveys hereinbefore described.

## GENERAL DESCRIPTION

First Guide Meridian East, thru T. 15 S.,  
Bet. Rs. 4 and 5 East.

The land is rolling and broken, stony surface. Soil 2nd and 4th rate. Timber, scattering palo verde, mesquite and ironwood of poor quality. Dense undergrowth of greasewood, catclaw, ocotillo and giant cactus. Scattering growth of grass.

Thru T. 14 S., bet. Rs. 4 and 5 East.

Land is level and rolling. Soil sandy and stony, surface, 2nd and 3rd rate. Timber, poor quality of palo verde, mesquite and ironwood. Dense undergrowth of greasewood, catclaw, ocotillo and giant cactus. Scattering growth of grass. No water.

Thru T. 13 S., bet. Rs. 4 and 5 East.

The land is nearly level, with west drainage. Soil, stony surface, and sandy 2nd and 3rd rate. Timber, poor quality of mesquite, palo verde and ironwood. Undergrowth of greasewood, catclaw, ocotillo, cholla, and giant cactus. Scattering grass.

Thru T. 12 S., bet. Rs. 4 and 5 East.

Along west slope of the Santa Rosa mountain, draining west. Santa Rosa Peak is about 2000 feet above the valley. Land, stony surface. Soil, 3rd and 4th rate. Timber, palo verde, mesquite and ironwood. Undergrowth; greasewood brush, catclaw, ocotillo, cholla and giant cactus.

Thru T. 11 S., bet. Rs. 4 and 5 East.

Along foot of Santa Rosa mountain. There is a mine hoist in about Sec. 29, of T. 11 S., R. 5 E. Not in operation. The N. 3 miles of this line runs across nearly level land. Soil 2nd and 3rd rate. Timber, palo verde, mesquite and ironwood. Undergrowth; dense greasewood brush, catclaw, and cactus. Scattering grasses.

The Santa Rosa Valley extends north and south, thru Ts. 11, 12, 13, 14 and 15, S., about 3.5 miles west of the First Guide Meridian East. It is a very rich valley. The Indians have a few small fields of wheat which is of very good quality. Water is scarce; there is one deep well at the Santa Rosa Indian village.

Preliminary Field Test of Instrumental No. 8592, by  
William H. Thorn,  
U.S. Cadastral Engineer.

October 26, 1924.: I examine the adjustments of the transit and correct all errors; thence, to test the solar apparatus, by comparing their indications, resulting from observations made during a.m. and p.m. hours with a meridian established by observations on Polaris, I proceed as follows:

October 26, 1924.: At camp, near the corner of secs. 29, 30, 31 and 32, T. 11 S., R. 4 E., G. & S.R.E. & M., Arizona, lat.  $32^{\circ} 26' N.$ , long.  $112^{\circ} 00' W.$ , at 5 hrs. 12 m., p.m.; l. m. t., (day light), I observe Polaris at eastern elongation, 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, 10.00 chs. N. of my station.

Azimuth of Polaris at eastern elongation  $1^{\circ} 18' 7''$ .

October 26, 1924.: At 5 h. 12 m., p.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ} 18'$  to the west, and mark the meridian thus determined by a tack in a peg driven firmly in the ground 10.00 chs. N. of my station.

October 27, 1924.: At 9 h. 00 m., a.m., l.m.t., I set off  $32^{\circ} 26'$  on the lat. arc. and  $12^{\circ} 49' S.$ , on the decl. arc; and determine a meridian with the solar.

At 11 hrs. 44 m., a.m., l.m.t., I make a meridian altitude observation of the sun for latitude, observing the sun's center with the telescope in direct position, reversing the transit and observing the sun's center, the mean altitude is  $44^{\circ} 40' 30''$ , which give the lat. of this station as  $32^{\circ} 26' 11''$

At 3 h. 00 m., p.m., l.m.t., I set off  $32^{\circ} 26'$  on the lat. arc, and  $12^{\circ} 55' S.$ , on the decl. arc; and determine a meridian with the solar. As the three meridians agree within one minute of arc, I conclude that the adjustments of the instrument are satisfactory.

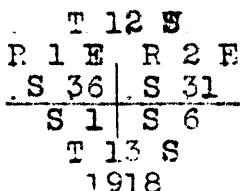


Survey of part of the South Bdy. of T. 12 S., R. 2 E.

Chains

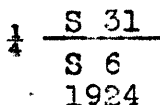
The following notes describe a survey of the west half of the south boundary of T. 12 S., R. 2 E., of the G. & S. P. E. & M., Arizona, which portion of the Tp. bdy. forms a bdy. of the Papago Indian Reservation, the land south of the line being within said reservation.

The cor. of Ts. 12 and 13 S., Rs. 1 and 2 E., (established by Horace M. Muscott, U.S. Transitman, in 1918) is an iron post 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap



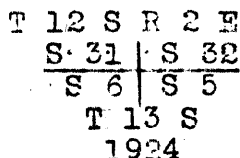
No bearing trees available. Witnessed by pits. Thence East, on a true line, bet. secs. 6 and 31. Over gently rolling SE. slope, thru dense brush, along wire fence.

32.00 Wash, 10 lks. wide, course SE.  
38.63 (40.00 chs. minus 1.37 chs. for convergency).  
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap



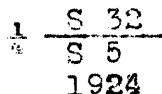
No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist. E. and W. wire fence, brs. S. 5 lks. dist. Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for the cor. of secs. 5, 6, 31 and 32, marked on brass cap

78.63



No bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist. E. & W. fence brs. S. 8 lks. dist. Land; nearly level. Soil; sandy loam, 1st and 2nd rate. Timber; scattering mesquite and palo verde. Undergrowth; greasewood brush.

0.70 East, on a true line, bet. secs. 5 and 32.  
20.00 Over level land, alongside wire fence, thru brush.  
Road, brs. NE. and SW.  
22.30 Wash, 40 lks. wide, course NE.  
Pumping plant, used for pumping water from the wash in rainy season, brs. N. 150 lks. dist.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap



No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist.

## Survey of part of the South Bdy. of T. 12 S., R. 2 E.

## Chains

- 74.30 Wash, 15 lks. wide, course NW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked on brass cap

T 12 S	R 2 E
S 32	S 33
S 5	S 4
T 13 S	
1924	

No bearing trees available. Dig pits 18 x 18 x 12 ins. in diam., in each sec. 3 ft. dist.  
 E. and W. wire fence, brs. S. 20 lks. dist.  
 Land; nearly level.  
 Soil; sandy loam, 1st and 2nd rate.  
 Timber; scattering mesquite and palo verde.  
 Undergrowth; dense greasewood.

East, on a true line, bet. secs. 4 and 33.  
 Over level land, thru dense brush

- 8.00 Wash, 15 lks. wide, course NE.  
 14.00 Wash, 40 lks. wide, course NE.  
 31.60 Wash, 15 lks. wide, course NE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$	S 33
	S 4
1924	

No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist. Wire fence, brs. S. 30 lks. dist.

- 45.10 Wash, 15 lks. wide, course NE.  
 66.80 Wire fence, from west to northeast.  
 70.10 Wash, 15 lks. wide, course N.  
 79.70 Small drain, course NE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 3, 4, 33 and 34, marked on brass cap

T 12 S	R 2 E
S 33	S 34
S 4	S 3
T 13 S	
1924	

No bearing trees available. Raise a mound of stone  $2\frac{1}{2}$  ft. base, 2 ft. high, N. of cor.

Land; gently rolling.  
 Soil; 2nd and 3rd rate.  
 Timber; scattering mesquite and palo verde.  
 Undergrowth; greasewood brush.

Survey of part of the Subdivision Lines of T. 12 S., R. 2 E.

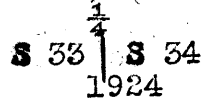
Chains

The following notes describe a survey of the meridional subdivision line thru the middle of T. 12 S., R. 2 E., of the G. & S. R. B. & M., Arizona, which subdivisional line forms a boundary of the Papago Indian Reservation, the land east of said line being within said reservation.

From the cor. of secs. 5, 4, 33 and 34, T. 12 S., R. 2 E., hereinbefore described.

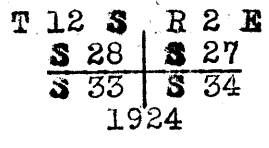
North 2' W., bet. secs. 33 and 34.  
Over gently rolling land, thru dense brush.

- 1.20 Small drain, course NE.
- 8.20 Wash, 120 lks. wide, course N, 60° E.
- 13.20 Wire fence, brs. NE. for 120 lks.; thence N.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, marked on brass cap



No bearing trees available. Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.

- 50.80 Wash, 40 lks. wide, course SE.
- 77.00 Road, brs. N. 80° E., and S. 80° W.
- 80.00 Set an iron post; 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 27, 28, 33 and 34, marked on brass cap

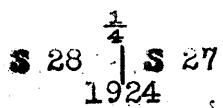


From which  
Mesquite, 6 ins. in diam., brs. N. 75° E., 130 lks. dist., marked T 12 S. R 2 E. S. 27 B T.  
The "Hole" in Window Mt. brs. N. 89° 58' W.

Land; gently rolling.  
Soil; 1st and 2nd rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; greasewood brush.

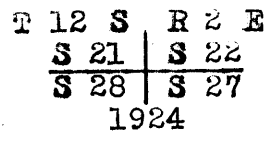
N. 2' W., bet. secs. 27 and 28.  
Over gradual SE. slope, thru dense brush.

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, marked on brass cap,



No bearing trees available. Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.

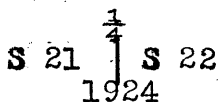
- 80.00 Wire fence brs. East 1.85 chs.  
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap



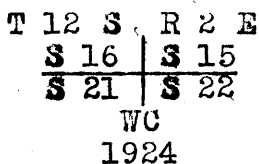
Survey of part of the Subdivision Lines of T. 12 S., R. 2 E.

Chains No bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
 N. and S. wire fence, brs. E. 225 lks. dist.  
 Land; nearly level.  
 Soil; 1st and 2nd rate.  
 Timber; mesquite and palo verde.  
 Undergrowth; greasewood brush.

N. 2' W., bet. secs. 21 and 22.  
 Over gradual SE. slope.  
 30.00 Change to gradual NE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap



No bearing trees available. Raise a md. of stone  $2\frac{1}{2}$  ft. base,  $2\frac{3}{4}$  ft. high W. of cor.  
 44.50 Wash, 20 lks. wide, course East.  
 Thence over bottom land, thru dense brush.  
 50.70 Wash, 70 lks. wide, course SE.  
 57.00 Same wash, course S.  $20^\circ$  W.  
 64.40 Road, brs. NW. and SE.  
 79.30 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for W C to secs. 15, 16, 21 and 22, marked on brass cap



From which  
 Mesquite, 6 ins. in diam., brs. S.  $6^\circ$  W., 40 lks. dist., marked T 12 S R 2 E S 21 W C B T.  
 Palo verde, 8 ins. in diam., brs. N.  $38^\circ$  W., 57 lks. dist., marked T 12 S R 2 E S 16 W C B T.  
 No other bearing trees available. Raise a md. of stone  $2\frac{3}{4}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 80.00 True point for cor. of secs. 15, 16, 21 and 22 falls in wash, therefore at 0.70 lks. S.  $0^\circ 2'$  E., establish W. C. as described above.  
 Land; nearly level.  
 Soil; sandy, 2nd rate.  
 Timber; scattering mesquite and palo verde.  
 Undergrowth; greasewood and catclaw.

From true point for cor. of secs. 15, 16, 21 and 22, in wash 80 lks. wide, course SE.  
 Thence N.  $0^\circ 2'$  W., bet. secs. 15 and 16.  
 Over level land, thru dense brush.  
 19.50 Base of hill, asc. 172 ft. over SW. slope to  
 32.80 Top of spur, sloping W. At this point raise md. of stone, 4 ft. base, 3 ft. high, on line. Desc. 70 ft. over NW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam, on surface rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

## Survey of part of the Subdivision Lines of T. 12 S., R. 2 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 16 \quad | \quad \text{S } 15 \\ 1924 \end{array}$$

- No bearing trees available. Desc. 35 ft. over NW. slope.  
 44.70 Wash, 10 lks. wide, course W. Asc. 58 ft. over SW, slope to  
 49.16 Spur, slopes W. At this point raise a md. of stone, 3 ft. base, 3 ft. high, on line. Desc. 65 ft. over NW. slope to.  
 58.00 Foot of spur, thence over nearly level land.  
 62.80 Wash, 40 lks. wide, course W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 9, 10, 15 and 16, marked on brass cap

$$\begin{array}{c} \text{T } 12 \text{ S } \text{ R } 2 \text{ E} \\ \text{S } 9 \quad | \quad \text{S } 10 \\ \text{S } 16 \quad | \quad \text{S } 15 \\ 1924 \end{array}$$

No bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
 Land; mountainous and level.  
 Soil; 2nd and 4th rate.  
 Timber; palo verde, and mesquite.  
 Undergrowth; greasewood brush, catclaw and giant cactus.

- N. 0° 2' W., bet. secs. 9 and 10.  
 Over level land, thru brush.  
 20.30 Wash, 10 lks. wide, course west.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 9 \quad | \quad \text{S } 10 \\ 1924 \end{array}$$

- From which  
 .Mesquite, .8 ins. in diam., brs. S. 12° 30' W., 117 lks. dist., marked  $\frac{1}{4}$  S 9 B.T.  
 .Palo verde, 6 ins. in diam., brs. S. 75° 30' E., 120 lks. dist., marked  $\frac{1}{4}$  S 10 B.T.  
 42.40 Wash, 30 lks. wide, course SW.  
 57.00 Bend in wash, 100 lks. wide, course S. 25° W., from N. 25° W.  
 72.00 Rocky drain, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked on brass cap

$$\begin{array}{c} \text{T } 12 \text{ S } \text{ R } 2 \text{ E} \\ \text{S } 4 \quad | \quad \text{S } 3 \\ \text{S } 9 \quad | \quad \text{S } 10 \\ 1924 \end{array}$$

No bearing trees available. Raise a md. of stone 3 ft. base, 2 $\frac{1}{2}$  ft. high W. of cor.  
 Land; gently rolling.  
 Soil; 2nd rate.  
 Timber; scattering mesquite and palo verde.  
 Undergrowth; greasewood brush, sage brush and cactus.

Survey of part of the Subdivision Lines of T. 12 S., R. 2 E.

Chains N. 0° 2' W., on a true line, bet. secs. 3 and 4.  
Over gently rolling SW. slope, thru scattering brush  
and timber.

17.80 Rocky drain, course SW.

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

S 4 | S 3  
1924

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
N. and S. of cor. 5 ft. dist.

51.60 Dim road, brs. N. 70° E., and S. 70° W.

59.50 Rocky wash, 8 lks. wide, course SW.; thence along SE.  
slope of spur.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
in the ground for cor. of secs. 3, 4, 33 and 34,  
marked on brass cap

T 11 S R 2 E  
S 33 | S 34  
S 4 | S 3  
T 12 S  
1924

No bearing trees available. Raise a mound of stone 3 ft.  
base, 2 1/2 ft. high W. of cor.

Land; gently rolling.

Soil; 2nd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and cactus.

Survey of part of the North Bdy. of T. 12 S., R. 2 E.

**Chains** The following notes describe a survey of the east half of the north boundary of T. 12 S., R. 2 E., of the G. & S. R. B. & M., Arizona, which portion of the Tp. bdy. forms a bdy. of the Papago Indian Reservation, the land south of the line being within said reservation.

From the cor. of Secs. 3, 4, 33 and 34, on the north boundary of T. 12 S., R. 2 E., hereinbefore described East, on a true line, bet. secs. 3 and 34. Over rolling SE. slope, thru scattering brush.

1.30 NW. cor. of fence (from south to east) brs. N. 20 lks. dist.

1.80 Wash, 10 lks. wide, 1½ ft. deep, course S. 20° W. Thence over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., marked on brass cap

½  $\frac{S\ 34}{S\ 3}$

1924

No bearing trees available. Raise a mound of stone 2½ ft. base, 2½ ft. high, N. of cor.

46.20 Rocky drain, course SE.

47.60 Rocky drain, course SW. Asc. 91 ft. over W. slope.

58.00 Spur, slopes S. 20° W. Asc. 60 ft. over gradual S. slope.

68.44 At this point, raise a md. of stone 3 ft. base, 2½ ft. high, on line.

70.00 Spur, slopes S., desc. 60 ft. over E. slope to

76.20 Rocky gulch, course S. Asc. 40 ft. over W. slope to sec. cor.

77.50 Wire fence, brs. N. 60° E., from W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) marked on surface rock at exact cor. point and raise a mound of stone around post, for cor. of secs. 2, 3, 34 and 35, marked on brass cap

T 11 S R 2 E

S 3 | S 2

S 34 | S 35

T 12 S

1924

No bearing trees available.

Land; rolling.

Soil; rocky, 4th rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and cactus.

East, on a true line, bet. secs. 2 and 35. Over rolling land, thru ocotillo and cactus. Asc. 100 ft. over SW. slope.

7.00 Spur, slopes N. 60° W., thence over N. slope.

9.00 Spur, slopes N. Desc. 120 ft. over NE. slope to

16.00 Small gulch, course N. Asc. W. slope 50 ft. to

21.50 Spur, slopes NNE. Desc. 80 ft. over SE. slope to

33.40 Small wash, course NE. Asc. 30 ft. over NW. slope

40.00 Set an iron post, 3 ft. long, 1 in. in diam. 27 ins. in the ground for ¼ sec. cor., marked on brass cap

## Survey of part of the North Bdy. of T. 12 S., R. 2 E.

Chains

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

1925

No bearing trees available. Raise a md. of stone, 3 ft. base, 2½ ft. high N. of cor.

- 45.00 Spur, slopes N. 25° E. Desc. 50 ft. over E. slope to  
 50.70 Rocky gulch, course N. Asc. over W. slope.  
 71.20 Road to prospect, brs. NW. and SE.  
 75.00 Prospect holes, brs. S., 10.00 chs. dist.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked on brass cap

$$\begin{array}{c} T 11 S \quad R 2 E \\ \hline S 35 \quad S 36 \\ \hline S 2 \quad S 1 \\ T 12 S \\ 1924 \end{array}$$

No bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, W. of cor.

Land; hilly and rocky.

Soil; 4th rate.

Timber; scattering palo verde and mesquite.

Undergrowth; greasewood and ocotillo.

East, on a true line, bet. secs. 1 and 36.

Over hilly land, thru scattering brush.

Desc. 70 ft. over SE. slope to

- 3.50 Wash, 20 lks. wide, course S. 70° W. Asc. 70 ft. over W. slope to

11.00 Spur, sloping NW. Thence over N. slope.

16.50 Rocky ravine, 15 lks. wide, course NW.

20.20 Same ravine, course SW.

23.50 Same ravine, course NW.

25.00 Same ravine, course SW. Asc. 110 ft. over NW. slope to

32.50 Spur, sloping S. 60° W. Thence along S. slope.

37.20 Wash, course SW. Asc. 70 ft. over W. slope

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., marked on brass cap

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

1924

40.20 Ridge, brs. N. and S. Desc. 70 ft. over E. slope to

48.30 Gulch, course S. Asc. 20 ft. over W. slope to

49.40 Divide, brs. NW. & SE. Desc. 100 ft. over NE slope to

60.50 Wash, course NE. Asc. 160 ft. over NW. slope to

78.00 Low spur, slopes N., thence along N. slope.

- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 11 and 12 S., Rs. 2 and 3 E., with brass cap marked

$$\begin{array}{c} T 11 S \\ R 2 E \quad R 3 E \\ \hline S 36 \quad S 31 \\ \hline S 1 \quad S 6 \\ T 12 S \\ 1924 \end{array}$$

No bearing trees available. Raise a md. of stone 3 ft. base, 3 ft. high S. of cor.

Land; hilly.

Soil; rocky, 4th rate.

Timber; palo verde.

Undergrowth; catclaw, ocotillo, greasewood and cactus.



## Survey of the South Bdy. of Township 11 South, Range 14 East.

Chains The following notes describe a survey of the south boundary of T. 11 S., R. 3 E., of the G. & S. R. B. & M., Arizona, which boundary forms a bdy. of the Papago Indian Reservation, the land south of the line being within said reservation.

From the cor. of Ts. 11 and 12 S., Rs. 4 and 5 E., established by me in May, 1924, hereinbefore described Thence West, on a random line, bet. Ts. 11 and 12 S., thru Rs. 3 and 4 E.,

478.00 Set temp. cor. of Ts. 11 and 12 S., Rs. 3 and 4 E.

956.96 Fall 72 lks, S. of the cor. of Ts. 11 and 12 S., Rs. 2 and 3 E., hereinbefore described.

This falling answers to a correction of 6 lks. N. per mile (or N. 89° 57' W).

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I return to the cor. of Ts. 11 and 12 S., Rs. 4 and 5 E., hereinbefore described, thence N. 89° 57' W., on a true line, bet. secs. 1 and 36, Ts. 11 and 12 S., R. 4 E.

Over gradual W. slope, thru scattering brush and palo verde timber.

0.30 Wash, 10 lks. wide, course S. 70° W.

4.30 Same wash, course N. 70° W.

14.00 Wash, 10 lks. wide, course N. 70° W.

16.20 Wash, 15 lks. wide, course NW.

27.60 Wash, 10 lks. wide, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   $\frac{S\ 36}{S\ 1}$   
.1924

From which

Ironwood, 6 ins. in diam., brs. S. 30° 30' E., 89 lks. dist., marked  $\frac{1}{4}$  S 1 B T.

Ironwood, 6 ins. in diam., brs. N. 40° W., 140 lks. dist., marked B T. only.

60.50 Wash, 20 lks. wide, course N. 60° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap

T 11 S R 4 E  
S 35 | S 36  
S 2 | S 1  
T 12 S  
1924

From which

Mesquite, 5 ins. in diam., brs. N. 32° E., 231 lks. dist., marked T 11 S R 4 E S 36 B T.

No other bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.

Land; level and gently rolling.

Soil: 2nd and 3rd rate.

Timber; palo verde, ironwood and scattering mesquite.

Undergrowth: greasewood, ocotillo and cactus.

N. 89° 57' W., on a true line, bet. secs. 2 and 35.

Over level land, thru scattering brush.

3.10 Wire fence (3 wires), brs. N. 84° W., and S. 84° E.

11.70 Small drain, course NW.

Survey of the South Bdy. of Township 11 South, Range 4 East.

Chains

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

1/4 S 35  
S 2  
1924

No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist.

59.20 Santa Rosa and Saseco road, brs. N. 25° E., and S. 25° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked on brass cap

T 11 S R 4 E  
S 34 | S 35  
S 3 | S 2  
T 12 S  
1924

No bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.

Land; level.

Soil; 1st and 2nd rate.

Timber; scattering mesquite.

Undergrowth; greasewood.

N. 89° 57' W., on a true line, bet. secs. 3 and 34. Over level land, thru scattering mesquite timber and greasewood.

4.00 Small drain, course NW.

10.10 Wash, 10 lks. wide, course NW.

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

1/4 S 34  
S 3  
1924

No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist.

48.00 Enter dense mesquite thicket, brs. N. and S.

75.00 Leave thicket, brs. N. and S.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T 11 S R 4 E  
S 33 | S 34  
S 4 | S 3  
T 12 S  
1924

No bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.

Land; level.

Soil; 1st and 2nd rate.

Timber; mesquite.

Undergrowth; greasewood brush.

## Survey of the South Bdy. of Township 11 South, Range 4 East.

Chains N. 89° 57' W., on a true line, bet. secs. 4 and 33.  
 Over level land, thru scattering brush.  
 8.70 Dim road, brs. N. 20° E., and S. 20° W.  
 15.00 Enter scattering mesquite, brs. N. and S.  
 20.00 Wash, 20 lks. wide, course N.  
 38.20 Small drain, course N.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4} \begin{array}{r} S 33 \\ S 4 \\ \hline \end{array}$$

1924

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
 E. and W. of cor. 3 ft. dist.

76.00 Wash, 10 lks. wide, course N.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
 in the ground, for cor. of secs. 4, 5, 32 and 33,  
 marked on brass cap

$$\begin{array}{r} T 11 S R 4 E \\ S 32 | S 33 \\ S 5 | S 4 \\ \hline T 12 S \end{array}$$

1924

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
 in each sec. 3 ft. dist.

From this cor. a derrick at Renners' Ranch brs. N. 28° W.  
 Land; level.

Soil; 1st and 2nd rate.  
 Timber; scattering mesquite.  
 Undergrowth; greasewood brush.

N. 89° 57' W., on a true line, bet. secs. 5 and 32.  
 Over level land, thru mesquite brush.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4} \begin{array}{r} S 32 \\ S 5 \\ \hline \end{array}$$

1924

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
 E. and W. of cor. 3 ft. dist.

Thence thru dense mesquite.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
 in the ground, for cor. of secs. 5, 6, 31 and 32,  
 marked on brass cap

$$\begin{array}{r} T 11 S R 4 E \\ S 31 | S 32 \\ S 6 | S 5 \\ \hline T 12 S \end{array}$$

1924

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
 in each sec. 3 ft. dist.

Land; level.  
 Soil; adobe, 1st and 2nd rate.  
 Timber; scattering mesquite.  
 Undergrowth; greasewood brush.

## Survey of the South Bdy. of Township 11 South, Range 4 East.

- Chains N. 89° 57' W., on a true line, bet. secs. 6 and 31.  
Over level land, thru dense brush.
- 30.30 Derrick at Renners' ranch brs. N. 32° 40' E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S 31}{S 6}$$

1924.

- No bearing trees available. Dig pits 18 x 18 x 12 ins.  
E. and W. of cor. 3 ft. dist.
- 62.00 Road, brs. N. 20° E., and S. 20° W.
- 70.30 Santa Rosa and Casa Grande road; brs. N. 35° E., and S. 35°  
W.
- 78.48 Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins.  
in the ground for cor. of Ts. 11 and 12 S., Rs. 3  
and 4 E., marked on brass cap

T 11 S	
R 3 E	R 4 E
S 36	S 31
S 1	S 6
T 12 S	

From which

Mesquite, 4 ins. in diam., brs. N. 49° 30' E., 176  
lks. dist., marked B T only.

Mesquite, 4 ins. in diam., brs. N. 35° 30' W., 74  
lks. dist., marked B T only.

No other bearing trees available. Dig pits 18 x 18 x 12  
ins. N., S., E. and W. of cor., 3 ft. dist.

Land; level.

Soil; adobe, 1st and 2nd rate.

Timber; mesquite and ironwood.

Undergrowth; sagebrush and greasewood.

## Survey of the South Bdy. of Township 11 South, Range 3 East

Chains The following notes describe a survey of the south boundary of T. 11 S., R. 3 E., of the G. & S. R. B. and M., Arizona, which forms a boundary of the Papago Indian Reservation, the land south of the line being within said Reservation.

From the cor. of Ts. 11 and 12 S., Rs. 3 and 4 W. N. 89° 57' W., on a true line, bet. secs. 1 and 36. Over level land, thru dense brush.

8.60 Road, brs. N. 30° W., and S. 30° E.  
28.00 Road, brs. N. 20° E., and S. 20° W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

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

1924

No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for the cor. of secs. 1, 2, 35 and 36, marked on brass cap

$$\begin{array}{c} T 11 S R 3 E \\ S 35 | S 36 \\ S 2 | S 1 \\ T 12 S \\ 1924 \end{array}$$

## From which

Mesquite, 6 ins. in diam., brs. N. 80° 30' E., 14 lks. dist., marked B T., only.  
Mesquite, 6 ins. in diam., brs. S. 2° E., 100 lks. dist., marked B T. only.  
Mesquite, 6 ins. in diam., brs. S. 40° W., 67 lks. dist., marked T 12 S R 3 E S 2 B-T.  
Mesquite, 8 ins. in diam., brs. N. 47° W., 59 lks. dist., marked B T. only.

Land; level.

Soil; adobe, 1st and 2nd rate.

Timber; scattering mesquite and ironwood.

Undergrowth; greasewood, 4 to 10 ft. high.

N. 89° 57' W., on a true line, bet. secs. 2 and 35. Over level land, thru scattering brush.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

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

1924

## From which

Mesquite, 12 ins. in diam., brs. N. 52° 30' E., 152 lks. dist., marked  $\frac{1}{4}$  S 35 B T.

No other bearing tree available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist.

60.80 Wash, 10 lks. wide, course NE.

65.00 Wash, 15 lks. wide, course NE.

69.40 Road, brs. N. and S.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap

## Survey of the South Bdy. of Township 11 South, Range 3 East.

Chains

T 11 S	R 3 E
S 34	S 35
S 3	S 2
T 12 S	
1924	

From which

Mesquite, 4 ins. in diam., brs. N. 10° 30' E., 109 lks.  
dist., marked B T only.Palo verde, 6 ins. in diam., brs. N. 69° W., 97 lks.  
dist., marked B T only.No other bearing trees available. Dig pits 18 x 18 x 12  
ins. in each sec. 3 ft. dist.

Land; level.

Soil; gravelly, 2nd and 3rd rate.

Timber; scattering mesquite, ironwood and palo verde.

Undergrowth; greasewood.

N. 89° 57' W., on a true line, bet. secs. 3 and 34.

Over level land, thru brush.

14.00 Road, brs. NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$	S 34
	S 3
1924	

From which

Mesquite, 8 ins. in diam., brs. S. 59° 30' W., 35  
lks. dist., marked  $\frac{1}{4}$  S 3 B T.Mesquite, 10 ins. in diam., brs. S. 73° 15' E., 54  
lks. dist., marked  $\frac{1}{4}$  S 3 B T.

No bearing trees available north of line.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
in the ground for cor. of secs. 3, 4, 33 and 34,  
marked on brass cap

T 11 S	R 3 E
S 33	S 34
S 4	S 3
T 12 S	
1924	

From which

Ironwood, 6 ins. in diam., brs. N. 9° E., 112 lks.  
dist., marked B T only.Ironwood, 8 ins. in diam., brs. S. 81° 30' W., 238  
lks. dist., marked T 12 S R 3 E S 4 B T.No other bearing trees available. Raise a md. of stone  
3 ft. base, 2 ft. high, W. of cor.

Land; level, and gently rolling.

Soil; 1st to 3rd rate.

Timber; scattering mesquite, ironwood and palo verde.

Undergrowth; greasewood, sage brush and cactus.

N. 89° 57' W., on a true line, bet. secs. 4 and 33.

Over gently rolling land, thru brush.

4.00 Small drain, course SE.

9.50 Small drain, course SE.

## Survey of the South Bdy. of Township 11 South, Range 3 East.

## Chains

- 18.50 Wash, 15 lks. wide, course SE.  
 36.10 Wash, 25 lks. wide, 3 ft. deep, course SE.  
 38.70 Road to mine, brs. NW. and SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

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

1924

## From which

- Ironwood, 6 ins. in diam.; brs. N. 57° 30' E., 75 lks. dist., marked B T only.  
 No other bearing trees available. Raise a md. of stone  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of cor.  
 47.00 Shallow wash, 60 lks. wide, course NE.  
 56.00 Wash, 40 lks. wide, 2 ft. deep, course NE.  
 67.50 Rocky drain, course N. 70° E.  
 73.00 Same drain, course S. 70° E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 4, 5, 32 and 33, marked on brass cap

$$\begin{array}{c} T 11 S R 3 E \\ S 32 | S 33 \\ S 5 | S 4 \\ T 12 S \\ 1924 \end{array}$$

## From which

- Palo verde, 4 ins. in diam., brs. N. 13° 30' E., 39 lks. dist., marked B T only.  
 No other bearing trees available. Raise a md. of stone 3 ft. base, 2 ft. high, W. of cor.  
 Land; rolling.  
 Soil; rocky, 3rd rate.  
 Timber; scattering palo verde, ironwood and mesquite.  
 Undergrowth; greasewood, sagebrush, ocotillo and cactus.

N. 89° 57' W., on a true line, bet. secs. 5 and 32.  
 Over rolling land, thru scattering brush.

- 25.50 Road, brs. NE. and SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S 32}{S 5}$$

1924

## From which

- Ironwood, 6 ins. in diam., brs. N. 45° 30' W., 73 lks. dist., marked B T only.  
 No other bearing tree available.  
 43.00 Base of hill, Asc. 310 ft. over steep SE. slope to  
 60.00 Spur, slopes S. Desc. 220 ft. over steep SW. slope.  
 77.30 Wash, 30 lks. wide, course SE., thence over nearly level land.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap

Survey of the South Bdy. of Township 11 South, Range 3 East.

Chains

T 11 S R 3 E  
 S 31 | S 32  
 S 6 | S 5  
 T 12 S  
 1924

From which.  
 Ironwood, 4 ins. in diam., brs. S. 62° 15' E., 80 lks. dist., marked B T only.  
 Ironwood, .5 ins. in diam., brs. N. 52° 30' W., 70 lks. dist., marked B T only.  
 No other bearing trees available. Raise a md. of stone 2½ ft. base, 2½ ft. high, W. of cor.  
 Land; rolling and hilly.  
 Soil; 4th rate, stony surface.  
 Timber; scattering palo verde, ironwood and mesquite.  
 Undergrowth; greasewood, sage brush, ocotillo and cactus.

- N. 89° 57' W., on a true line, bet. secs. 6 and 31.  
 Over rolling land, thru scattering brush.  
 Asc. gradual SE. slope, 320 ft. to ¼ sec. cor.
- 21.50 Rocky wash, 25 lks. wide, course N. 70° E.
  - 32.00 Base of hill, asc. steep SE. slope.
  - 38.00 Cliff, 15 ft. high, brs. N. and S.
  - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for ¼ sec. cor., marked on brass cap

¼  $\frac{S\ 31}{S\ 6}$   
 1924.

- 43.20 No bearing trees available. Asc. 31 ft. over SE. slope. Wash, 25 lks. wide, course S. 70° E. Asc. 220 ft. over E. slope
  - 47.50 Spur, slopes SE. Desc. 80 ft. over NE. slope to
  - 54.00 Rocky draw, course SE. Asc. 110 ft. over SW. slope to
  - 58.00 Ridge, brs. NE. and SW. Desc. 70 ft. over NW. slope to
  - 63.50 Wash, 20 lks. wide, course N. Asc. 60 ft. over NE. slope to
  - 67.00 Spur, slopes N. Desc. 80 ft. over NW. slope to
  - 72.00 Wash, course N. Asc. gradual NE. slope.
  - 78.48 Cor. of Ts. 11 and 12 S., Rs. 2 and 3 E., hereinbefore described.
- Land; mountainous.  
 Soil; 3rd and 4th rate, stony surface.  
 Timber; Palo verde and ironwood.  
 Undergrowth; greasewood, ocotillo and cactus.



Survey of part of the West Bdy. of Township 11 South, Range 4 East.

Chains The following notes describe a survey of the north three miles of the west boundary of T. 11 S., R. 4 E., of the G. & S. R. B. & M., Arizona, which forms a boundary of the Papago Indian Reservation, the land east of said line being within said Reservation.

From the cor. of Ts. 11 and 12 S., Rs. 3 and 4 E., here-  
inbefore described, North, on a blank line, bet.  
Ranges 3 and 4 East.

240.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in  
the ground, for the cor. of secs. 13, 18, 19 and 24,  
marked on brass cap

T 11 S	
R 3 E	R 4 E
S 13	S 18
S 24	S 19
1924	

From which

Mesquite, 6 ins. in diam., brs. N. 32° E., 60 lks.  
dist., marked B T only.

Mesquite, 6 ins. in diam., brs. S. 47° W., 52 lks.  
dist., marked B T only.

No other bearing trees available. Dig pits 18 x 18 x 12  
ins. in each sec. 3 ft. dist.

North, on a true line, bet. secs. 13 and 18.  
Over level land, thru dense brush.

31.00 Wash, 20 lks. wide, course E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.  
in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 13	↑	S 18
1924		

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
.N. and S. of cor. 3 ft. dist.

52.70 Wash, 15 lks. wide, course E.

59.80 Wash, 15 lks. wide, course E.

63.90 Wash, 15 lks. wide, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
in the ground, for the cor. of secs. 7, 12, 13 and 18,  
marked on brass cap

T 11 S	
R 3 E	R 4 E
S 12	S 7
S 13	S 18
1924	

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
in each sec. 3 ft. dist.

Land; level.

Soil; 1st and 2nd rate.

Timber; palo verde and mesquite.

Undergrowth; dense greasewood brush.

North, on a true line, bet. secs. 7 and 12.  
Over level land, thru brush.

5.00 Road, brs. E. and W.

10.60 Road, brs. NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

## Survey of part of the West Bdy. of Township 11 South, Range 4 East.

Chains the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 12 \quad | \quad \text{S } 7 \\ 1924 \end{array}$$

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
N. and S. of cor. 3 ft. dist.

64.50 Wash, 8 lks. wide, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 1, 6, 7 and 12, marked on brass cap

$$\begin{array}{c} \text{T } 11 \text{ S} \\ \text{R } 3 \text{ E} \quad | \quad \text{R } 4 \text{ E} \\ \text{S } 1 \quad | \quad \text{S } 6 \\ \hline \text{S } 12 \quad | \quad \text{S } 7 \\ 1924 \end{array}$$

From which

Mesquite, 8 ins. in diam., brs. S. 35 E., 220 lks.  
dist., marked T 11 S R 4 E S 7 B T.

Mesquite, 4 ins. in diam., brs. S. 76° W., 181 lks.  
dist., marked B T only.

No other bearing trees available. Dig pits 18 x 18 x  
12 ins. in each sec. 3 ft. dist.

Land; level.

Soil; 1st and 2nd rate.

Timber; scattering mesquite.

Undergrowth; greasewood and sage brush.

North, on a true line, bet. secs. 1 and 6.  
Over level land, thru brush.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 1 \quad | \quad \text{S } 6 \\ 1924 \end{array}$$

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
N. and S. of cor. 3 ft. dist.

88.84 Intersect the 2nd Std. Par. S., 17.64 chs. E. of the std. cor. of secs. 35 and 36, T. 10 S., R. 3 E., (established by me in December, 1914) an iron post 3 ins. in diam., projecting 12 ins. above the ground, marked on brass cap

$$\begin{array}{c} \text{S } C \\ \text{T } 10 \text{ S} \quad | \quad \text{R } 3 \text{ E} \\ \text{S } 35 \quad | \quad \text{S } 36 \\ \hline 1914 \end{array}$$

(Note: Flag at the std.  $\frac{1}{4}$  sec. cor. of sec. 36, is  
visible from this cor. At point of intersection  
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins.  
in the ground, for closing corner of T. 11 S., Rs.  
3 and 4 E., marked on brass cap

$$\begin{array}{c} \text{C } C \\ \text{S } 1 \quad | \quad \text{S } 6 \\ \text{R } 3 \text{ E} \quad | \quad \text{R } 4 \text{ E} \\ \text{T } 11 \text{ S} \\ 1924 \end{array}$$

## Survey of part of the West Bdy. of Township 11 South, Range 4 East.

Chains No bearing trees available. Dig pits 18 x 18 x 12 ins.  
E., W. and S. of cor. 3 ft. dist.

Land; level.

Soil; 1st and 2nd rate.

Timber; scattering mesquite.

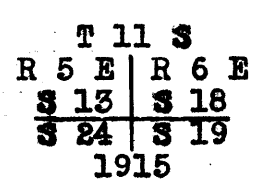
Undergrowth; greasewood brush.

Note: The south one-half of the line between Rs. 3 and  
4 E., T. 11 S., was subsequently monumented under  
Group 101, Arizona.

Survey of part of the Subdivisional Lines of T. 11 S., R. 5 E.

Chains The following notes describe a survey of the latitudinal line thru the middle of T. 11 S., R. 5 E., of the G. & S. R. B. & M., Arizona, which forms a boundary of the Papago Indian Reservation, the land to the north of said line being within said reservation.

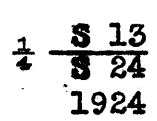
From the cor. of secs. 13, 18, 19, and 24, T. 11 S., Rs. 5 and 6 E., established by me in March, 1915, an iron post, 3 ins. in diam., projecting 12 ins. above ground, marked on brass cap



firmly set; pits and mound in good state of preservation, thence

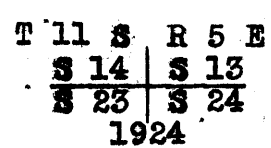
West, on a true line, bet. secs. 13 and 24. Over level land, thru dense brush.

- 34.00 Sandy wash, 10 lks. wide, course N.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., marked on brass cap



From which  
Mesquite, 5 ins. in diam., brs. S. 89° 30' E., 139 lks. dist., marked B T only.  
Mesquite, 6 ins. in diam., brs. N. 50° E., 60 lks. dist., marked B T only.

- 54.00 Road, brs. N. and S.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 13, 14, 23 and 24, marked on brass cap



From which  
Mesquite, 6 ins. in diam., brs. N. 56° 30' E., 71 lks. dist., marked B T only.  
Mesquite, 5 ins. in diam., brs. S. 28° 30' E., 131 lks. dist., marked B T only.

No other bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
Land; level.  
Soil; 1st rate.  
Timber; mesquite and palo verde.  
Undergrowth; greasewood 4 to 12 ft. high.

West, on a true line, bet. secs. 14 and 23. Over level land, thru dense brush.

- 27.20 Small drain, course N.
- 40.00 Set an iron post, 2 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor. marked on brass cap

Survey of part of the Subdivisional Lines of T. 11 S., R. 5 E.

Chains

1	S 14
4	S 23
1924	

No bearing trees available. Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.

42.70 Small drain, course N. 20° E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 14, 15, 22 and 23, marked on brass cap

T 11 S R 5 E	
S 15	S 14
S 22	S 23
1924	

From which

Mesquite, 6 ins. in diam., brs. S. 23° W., 34 lks. dist., marked T 11 S R 5 E S 22 B T.

No other bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.

Land; level.

Soil; 1st rate.

Timber; scattering mesquite.

Undergrowth; greasewood and sage brush.

West, on a true line, bet. secs. 15 and 22. Over level land, thru brush.

24.40 Small drain, course N.

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

1	S 15
4	S 22
1924	

From which

Mesquite, 4 ins. in diam., brs. N. 61° E., 49 lks., marked B T only.

No other bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist.

40.80 Drain, course N.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for the cor. of secs. 15, 16, 21 and 22, marked on brass cap

T 11 S R 5 E	
S 16	S 15
S 21	S 22
1924	

From which

Mesquite, 4 ins. in diam., brs. N. 50° 30' E., 20 lks. dist., marked B T only.

Mesquite, 4 ins. in diam., brs. S. 21° E., 126 lks. dist., marked B T only.

Mesquite, 10 ins. in diam., brs. S. 78° 30' W., 279 lks. dist., marked T 11 S R 5 E S 21 B T.

Mesquite, 8 ins. in diam., brs. N. 5° W., 189 lks. dist., marked T 11 S R 5 E S 16 B T.

Santa Rosa Peak brs. S. 12° 30' W.

Land; level.

Soil; 1st rate.

Timber; scattering mesquite.

Undergrowth; greasewood and sage brush.

Survey of part of the Subdivisional Lines of T. 11 S., R. 5 E.

Chains West, on a true line, bet. secs. 16 and 21.  
Over level land, thru brush.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S 16}{S 21}$$

No bearing trees available. Dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 16, 17, 20 and 21, marked on brass cap

T 11 S R 5 E	
S 17	S 16
S 20	S 21
1924	

From which  
Mesquite, 8 ins. in diam., brs. N. 87° 30' E., 117 lks. dist., marked T 11 S R 5 E S 16 B T.  
Mesquite, 4 ins. in diam., brs. S. 6° 30' W., 12 lks. dist., marked B T only.  
No other bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.  
A mound of stone on top of a limestone butte, brs. S. 53° W.  
Land; level.  
Soil; 1st rate.  
Timber; scattering mesquite.  
Undergrowth; dense greasewood brush, 4 to 12 ft. high.

West, on a true line, bet. secs. 17 and 20.  
Over level land, thru dense brush.  
18.90 Mound of stone on top of limestone butte, brs. S. 24° 30' E.  
23.90 Santa Rosa and Sasco road, brs. NE. and SW.  
28.65 U. S. L. M. No. 1488, brs. S. 32° 40' W.  
33.30 Wash, 20 lks. wide, course N. 20° W.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S 17}{S 20}$$

No bearing trees available. Raise a md. of stone 3 $\frac{1}{2}$  ft. base, 2 $\frac{1}{2}$  ft. high N. of cor.  
U. S. L. M. No. 1488, brs. S. 26° 50' W.  
52.00 Low knoll about 40 ft. high, brs: North, 5.00 chs.  
68.70 Wash, 10 lks. wide, course NW.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 17, 18, 19 and 20, marked on brass cap

T 11 S R 5 E	
S 18	S 17
S 19	S 20
1924	

From which  
U. S. L. M. No. 1488, brs. S. 1° 55' W.  
No bearing trees available. Dig pits 18 x 18 x 12 ins. in each sec. 3 ft. dist.

U. S. L. M.  
1488  
is in T. 11 S.,  
R. 5 E.  
Sec. 6

Survey of part of the Subdivisional Lines of T. 11 S., R. 5 E.

Chains Land; level, and gently rolling.  
Soil; 1st and 2nd rate.  
Timber; scattering mesquite and palo verde.  
Undergrowth; greasewood and sagebrush.

West, on a true line, bet. secs. 18 and 19.  
Over level land; thru brush.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   $\frac{S 18}{S 19}$   
1924

80.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.  
in the ground, for alignment only, marked on brass  
cap

1924

No bearing trees available. Dig pits 18 x 18 x 12 ins.  
E. and W. of cor. 3 ft. dist.

118.90 Road, brs. NW. and SE.

120.40 Wire fence, brs. SE. and NW., for 6.00 chs., thence  
west

133.08 Intersect west bdy. of T., 9.04 chs. N. of cor. of secs.  
13, 18, 19 and 24, established by me May, 1924. I  
change marking of brass cap to refer to Secs. 13  
and 24, T. 11 S., R. 4 E., only. At point of inter-  
section

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
in the ground for the cor. of Secs. 18 and 19, T. 11  
S., R. 5 E., only, marked on brass cap

T 11 S | T 11 S  
R 4 E | S 18  
S 13 | S 19  
R 5 E  
1924

From which

Mesquite, 8 ins. in diam., brs. N. 35° 30' E., 57  
lks. dist., marked T 11 S R 5 E S 18 B T.

Mesquite, 8 ins. in diam., brs. S. 52° 30' E., 76  
lks. dist., marked B T only.

Land; level.

Soil; sandy, 1st and 2nd rate.

Timber; scattering mesquite and palo verde.

Undergrowth; greasewood and sage brush.

Final Field Test of Instrument No. 8592, by  
William H. Thorn,  
U. S. Cadastral Engineer.

November 19, 1924: In camp at a point near the corner of Secs. 29, 30, 31 and 32, T. 11 S., R. 4 E., on the meridian which I established October 26, 1924, by observation on Polaris.

At 9 hrs. 00 m., a. m., l. m. t., I set off  $32^{\circ} 26'$  on the lat. arc, and  $19^{\circ} 29' S.$ , on the decl. arc and determine a meridian with the solar.

At 2 h. 00 m., p. m., l. m. t., I set off  $32^{\circ} 26'$  on the lat. arc, and  $19^{\circ} 32' S.$  on the decl. arc, and determine a meridian with the solar.

As the two meridians agree within one minute of arc I conclude that the adjustments of the transit have been maintained.

GENERAL DESCRIPTION.

Township 12 South, Range 2 East:

Along the surveyed portion of the south boundary of this township the land is nearly level, sandy loam soil, 2nd rate. Thru the center of the township between the east and west halves of same, the south three miles is nearly level land, sandy loam, 2nd rate. The north three miles of the last mentioned line, and the east three miles of the north boundary is rolling land, stony surface, soil 3rd and 4th rate. Volcanic formation from the center of the township easterly. The remainder is of granite formation. The township carries a scattering growth of scrub mesquite, palo verde and ironwood timber. Undergrowth is greasewood, catclaw, ocotillo, cholla, and scattering giant cactus on the hills. Very little grass at this season of the year; in wet seasons the growth will furnish feed.

Township 11 South, Range 3 East; South Boundary:

This line thru the west half of R. 3 E., passes over mountainous land of granite formation. There are several mining prospects in this region. Land has stony surface. Soil is 3rd and 4th rate. There is some grass on the north slopes. Thru the east half of R. 3 E., the land is nearly level; sandy and gravelly; 2nd and 3rd rate. Palo verde, mesquite and ironwood timber. Dense undergrowth of greasewood, catclaw and cactus.

Township 11 South, Range 4 East; south boundary:

The land along this line is nearly level. Adobe and sandy soil; 2nd and 3rd rate. Undergrowth of dense mesquite brush and scattering palo verde. No grass at this time, but will produce wheat during wet seasons. About four miles of this line is overflow land and is called the Santa Rosa Valley.

West Boundary (North three miles):

Land is nearly level, sandy and gravelly. Soil, 2nd rate. Timber, scrub mesquite, and palo verde. Undergrowth, greasewood and catclaw. Produces plenty of feed during wet seasons. At this time there is no feed, because of several years' drought.



**Township 11 South, Range 5 East:**

The subdivisional line thru the middle of this township, between the north and south halves, passes over nearly level land; sandy and gravelly soil, 2nd and 3rd rate, thru scattering scrub mesquite and palo verde timber. In places there is a dense growth of greasewood. No feed at this time. Will produce feed in wet seasons.



CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William H. Thorn, U.S. Cad. Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 99, Arizona, bearing date of the 23rd 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, surveyed all those parts or portions of Second and Third Standard Parallels South, and surveyed all those parts or portions of the First Guide Meridian East, and the township and subdivisional lines

SW. and SE. of the G. & S. R. B. & 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 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 99 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.

Phoenix, Arizona,

May 26, 1925.

William H. Thorn U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF UNITED STATES SUPERVISOR OF SURVEYS, FOR GENERAL,

Denver, Colorado, November 25, 1925.

The foregoing field notes of the survey of all those parts or portions of Second and Third Standard Parallels South, and of survey of all those parts or portions of the First Guide Meridian East, and the township and subdivisional lines of the G. & S. R. B. & M., which are represented in the foregoing field notes and accompanying index diagram

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

under his special instructions dated September 23, 1919 for Group 99 Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and surveys they describe, are hereby approved.

United States 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.