

Book "B"

BOOK 3848

FIELD NOTES

OF THE RESURVEY OF

The West Boundary and

The North Boundary

and OF THE SURVEY OF

The Subdivision lines of

TOWNSHIP 3 SOUTH, RANGE 12 EAST

Of the Gila and Salt River Base and Meridian,

In the State of

EXECUTED BY

Theodore Vander Meer, U.S. Transitman

and

Otto L. Draper, U.S. Transitman

In the capacity of U. S. Surveyor, under Special Instructions dated May 25, 1926, issued by the United States District Cadastral Engineer to govern surveys included in Group No. 140, Arizona, which were approved by the Commissioner of the General Land Office, June 4, 1926, and Assignment Instructions dated December 31, 1926.

Resurvey and Survey commenced January 28, 1927.

Resurvey and Survey completed February 20, 1927.

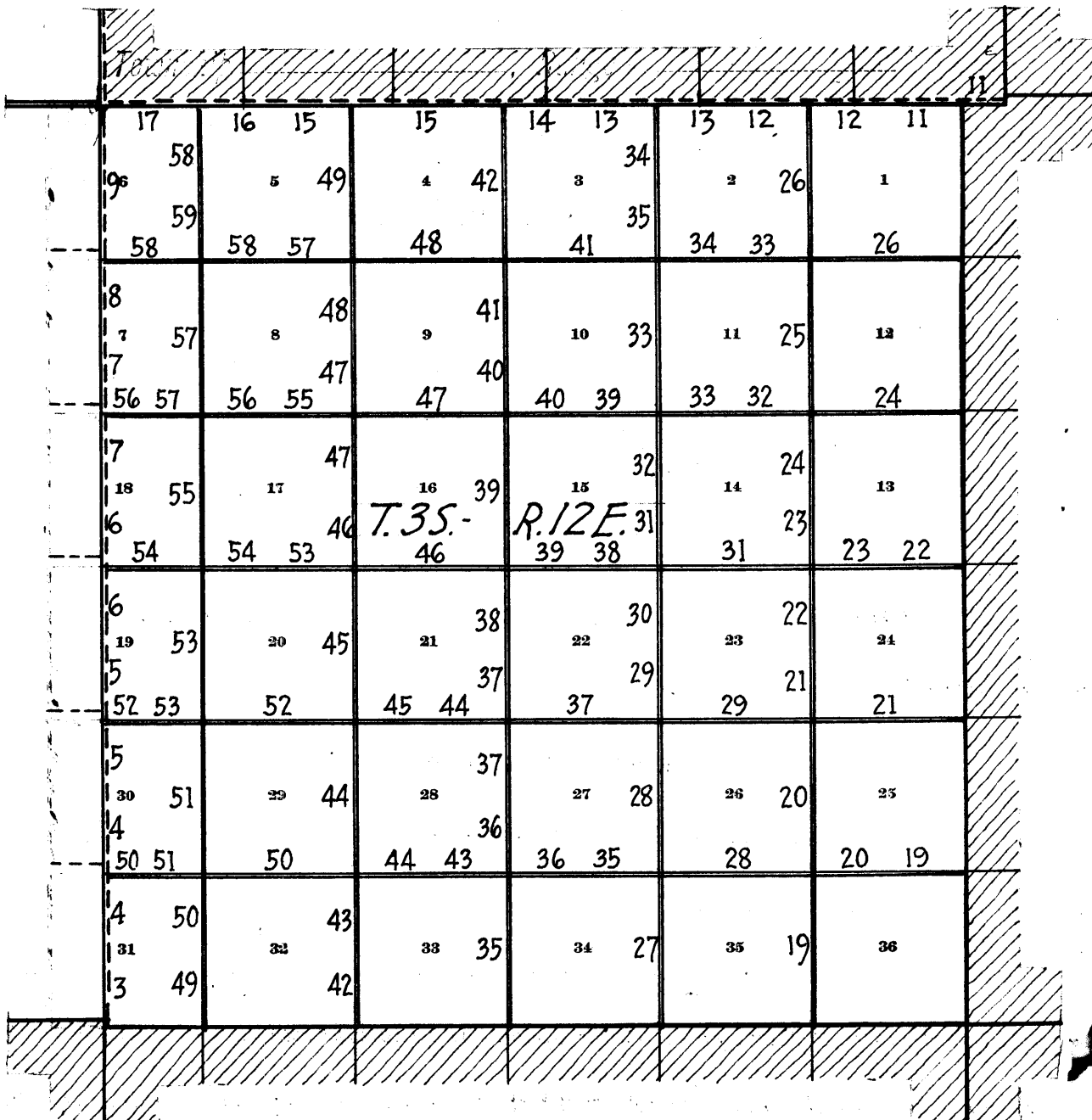
(10)

Book "B"

Group 140 - Arizona

BOOK 3848

INDEX DIAGRAM.



————— Surveyed under this Group.

- - - - - Resurveyed under this Group.

————— Accepted surveys, retracements or resurveys.

- - - - - Unsurveyed.

▨▨▨▨▨ Areas surveyed as per accepted plats on file.

1B

Book "B"
 Group 140 - Arizona
 Township 3 South, Range 12 East

DATE - DIAGRAM
 1927

BOOK 3848

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Surveyed in 1917 by R. U. GILL, U.S.S. under Group No. 71

Surveyed in 1924 by D. R. Averill, U.S.S. & R. F. Wilson, U.S.T. under Group No. 124

————— Surveyed by Otto L. Draper, U.S. Transitman, on dates shown thereon.

----- Resurveyed by Otto L. Draper, U.S.T. on dates shown thereon.

————— Surveyed by Theodore Vander Meer, U.S. Transitman, on dates shown thereon.

----- Resurveyed by Theo. Vander Meer, U.S.T. on dates shown thereon.

————— Accepted surveys, resurveys or retracements.

Surveys herein described were executed on the dates shown on the diagram on page 1, hereof, by Theodore Vander Meer, and Otto L. Draper, U. S. Transitmen, using respectively, Gurley solar transit No. 20120 and Young and Sons solar transit No. 8584, each equipped with full vertical circle and Smith solar attachment. Unless otherwise specified, all azimuth determinations were made with the solar attachment.

Examine the adjustments of the instruments and correct all errors; then, to test the solar apparatus by comparing their indications resulting from a.m. and p.m. solar observations with a meridian established by observations on Polaris, proceed as follows:

Jan. 27, 1927: At camp, which is situated in the NW $\frac{1}{4}$ of sec. 24, T. 3 S., R. 12 E., Gila and Salt River Base and Meridian, Arizona, latitude 33° 09' 30" N., longitude 111° 04' 51" W., at 4 h. 0 m., p.m., app. t., set off 33° 9 $\frac{1}{2}$ ' on the lat. arcs, 18° 28 $\frac{1}{2}$ ' S., on the decl. arcs and determine meridians with the solars which are found to coincide, and mark a point on same by a stake driven firmly in the ground 5. chs. N.

At 11 h. 06 m., p.m., l.m.t., at the same station, observe Polaris at Western Elongation, making four observations, two each with the telescope in direct and reversed positions and reading the horizontal deflection angles from the meridian determined by the solars.

Mean horizontal angle from Polaris to solar meridian = 77°

Azimuth of Polaris = 77 $\frac{1}{2}$ ' W.

True bearing of meridian = N. 0° 00 $\frac{1}{2}$ ' W.

Jan. 28, 1927: At the same station, at 8 h. 00 m. a.m., app. t., with the lat. arcs unchanged, set off 18° 18' S. on the decl. arcs and determine meridians with the solars, which agree within $\frac{1}{2}$ ' with the meridian determined by observation on Polaris.

We therefore conclude that the adjustments of the instruments are satisfactory.

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

Resurvey of West Boundary of Township 3 South, Range 12 East.

Chains The west bdy. of T. 3 S., R. 12 E., was surveyed in 1908 and 1910 by F. B. Jacobs, U.S.D.S., establishing all sec. and 1/4-sec. corners thereon with a common reference to areas both sides of the line. No retracement or resurvey of the line is of record.

In Feb. 1924, in connection with the survey of T. 4 S., R. 12 E., under Group 124, R. F. Wilson, U. S. T., altered the orig. cor. of Ts. 3 and 4 S., Rs. 11 and 12 E., to refer to Ts. 3 and 4 S., R. 11 E., only, and at a point 2.54 chs. S. 0° 13' E., therefrom, re-established the cor. of Ts. 3 and 4 S., R. 12 E.

There being no accepted surveyed areas adjoining the range line in T. 3 S., the same is subject to rectification by an independent resurvey on a direct bearing, bet. the cor. of Ts. 3 and 4 S., R. 11 E., and the cor. of Ts. 2 and 3 S., Rs. 11 and 12 E.

The following notes describe a resurvey of the West bdy. of T. 3 S., R. 12 E., reestablishing thereon two sets of cor. monuments, one at intervals of 40.00 chs. in northing, counting from the cor. of Ts. 3 and 4 S., R. 11 E., and referring to areas W. of line only, and the other at intervals of 40.00 chs. in northing counting from the cor. of Ts. 3 and 4 S., R. 12 E.

After recording the bearings and distances from points on the resurveyed range line to the original cor. monuments along the line, the said monuments are destroyed.

From the cor. of Ts. 2 and 3 S., Rs. 11 and 12 E., described in Book "A" of this group:

472.83 South, on random line, E. of T. 3 S., R. 11 E. Fall 140 lks. W. of the cor. of Ts. 3 and 4 S., R. 11 E., hereinafter described.

The true course and dist. of E. bdy. of T. 3 S., R. 11 E., are therefore N. 0° 10' W., 472.83 chs.

Thence S. 0° 13' E., (record course) on random line, continuing measurement.

475.37 Intersect the reestablished cor. of Ts. 3 and 4 S., R. 12 E., hereinafter described.

The northing of the west bdy. of T. 3 S., R. 12 E., is, therefore, 475.37 chs., and said bdy. will be resurveyed N. 0° 13' W., 2.54 chs., thence N. 0° 10' W., 472.83 chs.

The reestablished cor. of Ts. 3 and 4 S., R. 12 E., is an iron post, 3 ins. in diam., projecting 24 ins. above ground, firmly set in ground and md. of stone, and properly mkd. on brass cap. No bearing trees or other accessories.

Thence N. 0° 13' W., on true line, on W. bdy. of sec. 31. Over rolling land, thru scattering undergrowth. Desc. 18 ft. over N. slope to

2.54 Intersect the cor. of Ts. 3 and 4 S., R. 11 E., which is an iron post, 3 ins. in diam., projecting 24 ins. above ground, firmly set in ground and mound of stone, marked on brass cap, and witnessed by a md. of stone W. of cor. No bearing trees.

Thence N. 0° 10' W., on true line, continuing measurement of W. bdy. of sec. 31. Desc. 13 ft. over N. slope.

4.04 Gulch, course SW. Enter mountainous land. Ascend 256 ft. over S. slope.

22.85 Ridge, bears E. and W. Desc. 75 ft. over N. slope.

Resurvey of West Boundary of Township 3 South, Range 12 East.

Chains									
32.00	Ravine, course W. Asc. 72 ft. over S. slope.								
37.00	Spur, slopes W. Desc. 51 ft. over N. slope to								
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 10 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 reestablished $\frac{1}{4}$ sec. cor. of sec. 31 only, marked on brass cap								
	$\frac{1}{4}$ S 31 1927.								
	No bearing trees available. Desc. 20 ft. over NW. slope to $\frac{1}{4}$ sec. cor. of sec. 36.								
41.63	A point 22 lks. W. from the orig. $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is a lava stone, 14 x 8 x 6 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone, W. of stone. Destroy this cor. monument.								
42.54	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 36 only, marked on brass cap.								
	$\frac{1}{4}$ S 36 1927								
	No bearing trees available. Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Desc. 20 ft. over NW. slope.								
45.00	Gulch, course S. 70° W. Asc. 107 ft. over S. slope.								
62.00	Asc. gradually over W. slope.								
67.55	Asc. 85 ft. over S. slope to								
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 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 reestablished cor. of secs. 30 and 31 only, marked on brass cap								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>T 3 S</td> <td>T 3 S</td> </tr> <tr> <td>R 11 E</td> <td>S 30</td> </tr> <tr> <td>S 36</td> <td>S 31</td> </tr> <tr> <td></td> <td>R 12 E.</td> </tr> </tbody> </table> 1927	T 3 S	T 3 S	R 11 E	S 30	S 36	S 31		R 12 E.
T 3 S	T 3 S								
R 11 E	S 30								
S 36	S 31								
	R 12 E.								
	No bearing trees available. Land, rolling and mountainous. Soil, adobe, 3rd rate. Timber, none. Undergrowth, scrub palo verde, ocotillo, cactus, buck brush, catclaw, scrub mesquite and greasewood.								
	N. 0° 10' W., on true line, on W. bdy. of sec. 30 Over mountainous land; thru scattering undergrowth. Asc. 45 ft. over S. slope to cor. of secs. 25 and 36.								
1.75	A point 19 lks. W. of the original cor. of secs. 25, 30, 31 and 36, which is a malpais stone 24 x 8 x 10 ins. above ground, firmly set, marked with 5 notches on N. face and 1 notch on S. face, and witnessed by a mound of stone W. of stone. Destroy this cor. monument								
2.54	Set an iron post, 3 ft. long, 2 ins. in diam., 8 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 reestablished cor. of secs. 25 and 36 only, marked on brass cap								

OK 2848

Resurvey of West Boundary of Township 3 South, Range 12 East.

Chains

T 3 S		T 3 S
S 25		R 12 E
S 36		S 30
R 11 E		

1927

No bearing trees available. Asc. 30 ft. over S. slope. Ridge, brs. NE. and SW. Desc. 77 ft. over N. slope..
 7.00 Gulch, course W., Asc. 90 ft. over SW. slope to
 17.30 Asc. gradually over W. slope to
 27.05 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 40.00 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 reestablished 1/4 sec. cor. of sec. 30 only, marked on brass cap

1/4 S 30

1927

No bearing trees available. Asc. 34 ft. over W. slope to 1/4 sec. cor. of sec. 25.
 41.71 A point 41 lks. W. of the original 1/4 sec. cor. of secs. 25 and 30, which is a lava stone, 16 x 8 x 8 ins. above ground, firmly set, marked 1/4 on W. face and witnessed by a mound of stone, W. of stone. Destroy this cor. monument.

42.54 Set an iron post, 3 ft. long, 1 in. in diam., 20 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 reestablished 1/4 sec. cor. of sec. 25 only, marked on brass cap

1/4 S 25

1927

No bearing trees available. Asc. 400 ft. over rolling W. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) on bedrock, and raise a mound of stone around post, for reestablished cor. of secs. 19 & 30 only, marked on brass cap

T 3 S	T 3 S
R 11 E	S 19
S 25	S 30
	R 12 E

1927

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

N. 0° 10' W., on true line, on the W. bdy. of sec. 19. Over mountainous land; thru scattering undergrowth. Asc. 33 ft. over SW. slope to
 2.54 Set an iron post, 3 ft. long, 2 ins. in diam., 8 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 reestablished cor. of secs. 24 and 25 only, marked on brass cap

Resurvey of West Boundary of Township 3 South, Range 12 East

Chains	<table border="1" style="margin: auto;"> <tr><td>T 3 S</td><td></td><td>T 3 S</td></tr> <tr><td>S 24</td><td></td><td>R 12 E</td></tr> <tr><td>S 25</td><td></td><td>S 19</td></tr> <tr><td>R 11 E</td><td></td><td>1927</td></tr> </table>	T 3 S		T 3 S	S 24		R 12 E	S 25		S 19	R 11 E		1927
T 3 S		T 3 S											
S 24		R 12 E											
S 25		S 19											
R 11 E		1927											
	No bearing trees available. Asc. 25 ft. over SW. slope.												
3.80	Point of spur, slopes W. Desc. 108 ft. over NW. slope.												
11.00	Head of gulch, course W. Asc. 107 ft. over broken SW. slope.												
16.50	Spur, slopes W. Desc. 470 ft. over NW. slope to												
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 19 only, marked on brass cap												
	<table border="1" style="margin: auto;"> <tr><td>$\frac{1}{4}$ S 19</td></tr> <tr><td>1927</td></tr> </table>	$\frac{1}{4}$ S 19	1927										
$\frac{1}{4}$ S 19													
1927													
	No bearing trees available. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Desc. 24 ft. over NW. slope to $\frac{1}{4}$ sec. cor. of sec. 24.												
41.69	A point 26 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a lava stone, 16 x 4 x 6 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone, W. of stone. Destroy this cor. monument.												
42.54	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 24 only, marked on brass cap												
	<table border="1" style="margin: auto;"> <tr><td>$\frac{1}{4}$ S 24</td></tr> <tr><td>1927</td></tr> </table>	$\frac{1}{4}$ S 24	1927										
$\frac{1}{4}$ S 24													
1927													
	No bearing trees available. Desc. 80 ft. over NW. slope.												
51.80	Wire fence, brs. NE. and SW.												
51.90	Wash, 50 lks. wide, course SW., in bottom of Martinez Canyon. Asc. 258 ft. over SE. slope.												
53.30	Road, brs. SW. to Florence and NE. to Silver Bell mine.												
77.50	Point of spur, slopes E. Desc. 60 ft. over NE. slope to												
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, deposit a stone marked with a cross (X) at base of post and raise a mound of stone around post, for reestablished cor. of secs. 18 and 19, only, marked on brass cap												
	<table border="1" style="margin: auto;"> <tr><td>T 3 S</td><td></td><td>T 3 S</td></tr> <tr><td>S 18</td><td></td><td>S 19</td></tr> <tr><td>R 11 E</td><td></td><td>R 12 E</td></tr> <tr><td>S 24</td><td></td><td>1927</td></tr> </table>	T 3 S		T 3 S	S 18		S 19	R 11 E		R 12 E	S 24		1927
T 3 S		T 3 S											
S 18		S 19											
R 11 E		R 12 E											
S 24		1927											
	No bearing trees available. Land, mountainous. Soil, rocky, adobe and loam, 4th rate. Timber, none. Undergrowth, scrub palo verde, ocotillo, cactus, catclaw, scrub mesquite, greasewood and sahuaro.												
2.54	N. $0^{\circ} 10'$ W., on true line, on W. bdy. of sec. 18. Over rough mountainous land, thru scattering undergrowth in Martinez Canyon. Desc. 34 ft. over NE. slope to Set an iron post, 3 ft. long, 2 ins. in diam., 8 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 reestablished cor. of secs. 13 and 24 only, marked on brass cap												

Resurvey of West Boundary of Township 3 South, Range 12 East.

Chains	<table border="1" style="margin: auto;"> <tr><td>T 3 S</td><td></td><td>T 3 S</td></tr> <tr><td>S 13</td><td></td><td>R 12 E</td></tr> <tr><td>S 24</td><td></td><td>S 18</td></tr> <tr><td>R 11 E</td><td></td><td>1927</td></tr> </table>	T 3 S		T 3 S	S 13		R 12 E	S 24		S 18	R 11 E		1927
T 3 S		T 3 S											
S 13		R 12 E											
S 24		S 18											
R 11 E		1927											
5.50	No bearing trees available Short gulch, course E., into bottom of Martinez Canyon. Asc. 882 ft. over rocky SE. slope.												
27.00	Ridge, brs. NE. and SW. Desc. 318 ft. over NW. slope.												
39.70	Head of ravine, course W. Asc. slightly over SW. slope to												
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 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 reestablished $\frac{1}{4}$ sec. cor. of sec. 18 only, marked on brass cap <table style="margin-left: auto; margin-right: auto;"> <tr><td>$\frac{1}{4}$ S 18</td></tr> <tr><td>1927</td></tr> </table>	$\frac{1}{4}$ S 18	1927										
$\frac{1}{4}$ S 18													
1927													
42.54	No bearing trees available. Asc. 68 ft. over SW. slope to Set an iron post, 3 ft. long, 1 in. in diam., 6 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 reestablished $\frac{1}{4}$ sec. cor. of sec. 13 only, marked on brass cap <table style="margin-left: auto; margin-right: auto;"> <tr><td>$\frac{1}{4}$ S 13</td></tr> <tr><td>1927</td></tr> </table>	$\frac{1}{4}$ S 13	1927										
$\frac{1}{4}$ S 13													
1927													
48.00	No bearing trees available. Asc. 81 ft. over SW. slope. Point of rocky spur, slopes NW. Desc. 52 ft. over N. slope.												
53.00	Gulch, course SW. Asc. 312 ft. over S. slope.												
62.00	Ridge, brs. SW. and N. 5° W. Asc. 65 ft. along E. slope to cor. of secs. 7 and 18.												
62.48	Davis' cabin brs. S. 56 $\frac{1}{2}$ ° E., approx. 20 chs. dist.												
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for reestablished cor. of secs. 7 and 18 only, marked on brass cap <table style="margin-left: auto; margin-right: auto;"> <tr><td>T 3 S</td><td>T 3 S</td></tr> <tr><td>S 13</td><td>S 7</td></tr> <tr><td>R 11 E</td><td>S 18</td></tr> <tr><td>S 13</td><td>R 12 E</td></tr> <tr><td></td><td>1927</td></tr> </table>	T 3 S	T 3 S	S 13	S 7	R 11 E	S 18	S 13	R 12 E		1927		
T 3 S	T 3 S												
S 13	S 7												
R 11 E	S 18												
S 13	R 12 E												
	1927												
	No bearing trees available. Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, scrub palo verde, ocotillo, cactus, scrub mesquite and catclaw. -----												
2.54	N. 0° 10' W., on true line, on W. bdy. of sec. 7. Over mountainous land, thru scattering undergrowth. Asc. 20 ft. over E. slope to Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the ground, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone, 4 ft. base, 2 ft. high, around post, for reestablished cor. of secs. 12 and 13 only, marked on brass cap												

Resurvey of West Boundary of Township 3 South, Range 12 East.

Chains

T 3 S	
S 12	T 3 S
S 13	R 12 E
R 11 E	S 7
1927	

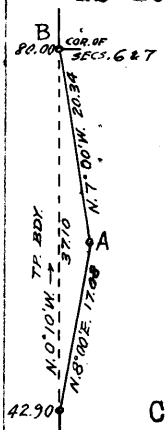
- No bearing trees available. Asc. 153 ft. over SE. slope.
- 23.00 Slope changes; desc. 15 ft. along E. slope.
- 28.50 Head of ravine, course SE. Asc. 39 ft. over SE. slope.
- 30.00 Ridge, brs. NE. and SW. Desc. 150 ft. over NW. slope.
- 39.00 Head of ravine, course W. Asc. 30 ft. over S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 7 only, marked on brass cap

$\frac{1}{4}$ S 7
1927

- No bearing trees available. Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, on top of a boulder 6 ft. diam. 8 lks..E. of cor. Asc. 92 ft. over S. slope to
- 42.54 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground, deposit a stone, marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 12 only, marked on brass cap

$\frac{1}{4}$ S 12
1927

- No bearing trees available. Asc. 12 ft. over S. slope.
- 42.90 Rocky spur, slopes W. To avoid cliffs ahead, traverse as follows



- N. 8° 00' E. Desc. 180 ft. over N. slope
- 9.00 Gulch, course W. Asc. 210 ft.
- 16.00 Double chimney of porphyry rock brs. W. 4' chs. dist.
- 17.08 Point "A"
- Thence,
- N. 7° 00' W. Desc. 120 ft. over NW. slope
- 7.00 Gulch, course W.
- Asc. 75 ft. over S. slope.
- 10.20 Spur, slopes W.
- Desc. 240 ft. over N. slope.
- 20.34 Point "B"

Calculating. Point "B" is 37.10 chs. N. 0° 10' W. of initial point of traverse, 42.90 + 37.10 =

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground, supported by a mound of stone, for reestablished cor. of secs. 6 and 7 only, marked on brass cap

T 3 S	T 3 S
S 12	S 6
R 11 E	S 7
S 12	R 12 E
1927	

No bearing trees available. Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, scrub palo verde, ocotillo, buck brush and cactus.

Resurvey of West Boundary of Township 3 South, Range 12 East.

Chains N. 0° 10' W., on true line, on W. bdy. of sec. 6.
Over mountainous land; thru scattering undergrowth.
Desc. 41 ft. over N. slope to

2.54 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for reestablished cor. of secs. 1 and 12, only, marked on brass cap

T 3 S
S 1 | T 3 S
S 12 | R 12 E
R 11 E | S 6
1927

No bearing trees available. Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.

Desc. 35 ft. over N. slope.

8.10 Gulch, course W. Asc. 35 ft. over S. slope.
13.20 Spur, slopes W. Desc. 139 ft. over N. slope.
24.50 Gulch, course W. Asc. 40 ft. over S. slope.
32.50 Low spur, slopes W. Desc. 36 ft. over N. slope.
35.40 Wash, 20 lks. wide, course SW. Asc. 55 ft. over S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 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 reestablished ¼ sec. cor. of sec. 6 only, marked on brass cap

¼ S 6
1927

42.54 No bearing trees available. Asc. 15 ft. over S. slope to Set an iron post, 3 ft. long, 1 in. in diam., 10 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 reestablished ¼ sec. cor. of sec. 1 only, marked on brass cap

¼ S 1 |
1927

No bearing trees available. Asc. 20 ft. over S. slope.

46.00 Spur, slopes W. Desc. 150 ft. over N. slope.
58.30 Wash, 30 lks. wide, course W., with road in same bearing W. Asc. 90 ft. over SE. slope to

75.37 Intersect the cor. of Ts. 2 and 3 S., Rs. 11 and 12 E., described in Book "A" of this Group.

Land, mountainous.

Soil, adobe and loam, 2nd rate.

Timber, none.

Undergrowth, scrub palo verde, ocotillo, creosote, cactus, scrub mesquite and catclaw.

Resurvey of North Boundary of Township 3 South, Range 12 East.

Chains The North bdy. of T. 3 S., R. 12 E., was surveyed in 1908 by Francis B. Jacobs, U. S. D. S., establishing all sec. and $\frac{1}{4}$ -sec. cor. monuments thereon with a common reference to areas on both sides of the line. No retracement or resurvey of this township boundary is of record.

The survey of the N. and W. bdrs. of T. 3 S., R. 13 E., by R. J. Gill, U. S. S. in 1917, under Group No. 71, established closing cors., one each N. and W. of the original cor. of Ts. 2 and 3 S., Rs. 12 and 13 E., and changed said cor. to a cor. of T. 2 S., R. 12 E. only, (SE. Cor.). No change in the original reference of the Tp. cor. at W. end of this township boundary is of record.

The entire line forms S. bdy. of accepted surveyed area, therefore a resurvey of same is dependent for alignment upon the position of all of the existing original cors. thereon.

The following notes describe a resurvey of the entire N. bdy. of T. 3 S., R. 12 E., reestablishing in proper alinement between existing cors., and at intervals of 40.00 chs. in westing counting from C. C. of T. 3 S., Rs. 12 and 13 E., all the sec. and $\frac{1}{4}$ -sec. cors. referring to the N. tier of secs., T. 3 S., R. 12 E. In connection with this resurvey, alter all the orig. sec. and $\frac{1}{4}$ -sec. cor. monuments on the line to refer to areas N. of line only, and reconstruct with same altered reference, all defective original cor. monuments on the line.

The retracing of the S. bdy. of T. 2 S., R. 12 E., accompanied by alteration and reconstruction of cor. monuments thereon constitutes a resurvey of said bdy., but in view of the fact that the determination of the N. bdrs. of the N. tier of secs. of T. 3 S., R. 12 E. is the object of this resurvey, the same is designated "Resurvey of North Bdy. of T. 3 S., R. 12 E.", and measurements are recorded continuous in westing from the NE. cor. of each sec. of the N. tier of secs. of T. 3 S., R. 12 E.

- - - - -
Retracement for Resurvey.

38.28 From the cor. of Ts. 2 and 3 S., Rs. 11 and 12 E. East, on random line, on S. bdy. of sec. 31 ($W\frac{1}{2}$.)
 Intersect orig. $\frac{1}{4}$ sec. cor.
 True course and dist. of $W\frac{1}{2}$ of S. bdy. of sec. 31 are therefore West, 38.28 chs.

Thence
 39.08 East, on random line, on S. bdy. of sec. 31 ($E\frac{1}{2}$).
 Intersect orig. cor. of secs. 5, 6, 31 and 32.
 True course and dist. of $E\frac{1}{2}$ of S. bdy. of sec. 31, are therefore West, 39.08 chs.

- - - - -

39.77 East, on random line, on S. bdy. of sec. 32 ($W\frac{1}{2}$).
 Fall 2 lks. N. of orig. $\frac{1}{4}$ sec. cor.
 True course and dist. of $W\frac{1}{2}$ of S. bdy. of sec. 32 are therefore, N. $89^{\circ} 58' W.$, 39.77 chs.

Thence
 39.67 East, on random line, on S. bdy. of sec. 32 ($E\frac{1}{2}$).
 Fall 20 lks. S. of orig. cor. of secs. 4, 5, 32 and 33.

Resurvey of North Boundary of Township 3 South, Range 12 East.

- Chains True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 32 are therefore S. 89° 43' W., 39.67 chs.
-
- 39.84 East, on random line, on S. bdy. of sec. 33 (W. $\frac{1}{2}$).
Intersect orig. $\frac{1}{4}$ sec. cor.
True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 33 are therefore, West, 39.84 chs.
- Thence
- 39.82 East, on random line, on S. bdy. of sec. 33 (E. $\frac{1}{2}$).
Fall 2 lks. S. of orig. cor. of secs. 3, 4, 33 and 34.
True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 33 are therefore, S. 89° 58' W., 39.82 chs.
-
- 40.18 East, on random line, on S. bdy. of sec. 34 (W. $\frac{1}{2}$).
Fall 2 lks. N. of orig. $\frac{1}{4}$ sec. cor.
True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 34 are therefore, N. 89° 58' W., 40.18 chs.
- Thence
- 39.12 East, on random line, on S. bdy. of sec. 34 (E. $\frac{1}{2}$).
Fall 40 lks. N. of orig. cor. of secs. 2, 3, 34 and 35.
True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 34 are therefore, N. 89° 25' W., 39.12 chs.
-
- 39.66 East, on random line, on S. bdy. of sec. 35 (W. $\frac{1}{2}$).
Fall 5 lks. N. of orig. $\frac{1}{4}$ sec. cor.
True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 35 are therefore, N. 89° 56' W., 39.66 chs.
- Thence
- 39.62 East, on random line, on S. bdy. of sec. 35 (E. $\frac{1}{2}$).
Fall 3 lks. S. of orig. cor. of secs. 1, 2, 35 and 36.
True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 35 are therefore, S. 89° 57' W., 39.62 chs.
-
- 39.84 East, on random line, on S. bdy. of sec. 36 (W. $\frac{1}{2}$).
Intersect orig. $\frac{1}{4}$ sec. cor.
True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 36 are therefore, West, 39.84 chs.
- Thence
- 17.58 East, on random line, on S. bdy. of sec. 36 (E. $\frac{1}{2}$).
Intersect orig. closing cor. of T. 3 S., Rs. 12 and 13 E.
Continue line and measurement.
- 39.26 Intersect cor. of T. 2 S., R. 12 E. only (SE. cor.) which is a stone 16 x 8 x 6 ins. above ground, firmly set, marked with 6 notches on each of N. and W. edges and witnessed by a mound of stone NW. of cor. No bearing trees.
True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 36 are therefore, West, 39.26 chs., and the C. C. of T. 3 S., Rs. 11 and 12 E., is on line at 21.68 chs. W. from the SE. cor. of T. 2 S., R. 12 E., which agrees with record.

RESURVEY.

The original closing cor. of T. 3 S., Rs. 12 and 13 E., 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 S. of cor. No bearing trees.

Thence

West, on true line, on N. bdy. of sec. 1.
Over mountainous land, thru moderate undergrowth.
Asc. 50 ft. over NE. slope.

- 5.40 Short spur, slopes N. Desc. 190 ft. over W. slope.
- 15.20 Gulch, course N. Asc. 85 ft. over E. slope to $\frac{1}{4}$ sec. cor. of sec. 36.

Resurvey of North Boundary of Township 3 South, Range 14 East.

Chains	
15.50	Dim road, unused, brs. N. and S.
17.58	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, which is a trachite stone, 8 x 6 x 6 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face, and witnessed by a mound of stone N. of cor. No bearing trees. This cor. monument now refers to the quarters of sec. 36, only. No reconstruction or alteration is required. Continue line and measurement. Asc. 30 ft. over E. slope.
21.00	Top of ascent. Desc. 20 ft. over gentle NW. slope.
30.00	Small, dry, reservoir, in small drain, course N. Dirt dam brs. N. 30 lks. dist. Asc. 110 ft. over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 8 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 reestablished $\frac{1}{4}$ sec. cor. of sec. 1 only, marked on brass cap
	$\frac{1}{4}$ S 1 1927
42.70	No bearing trees available. Asc. 30 ft. over NE. slope. Rocky spur, slopes N. Desc. gradually over NW. slope to
57.42	Intersect the original cor. of secs. 1, 2, 35 and 36, which is a trachite stone, 16 x 16 x 6 ins. above ground, firmly set, marked with 1 notch on E. face and 5 notches on W. face and witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No bearing trees. Alter this cor. monument to refer to secs. 35 and 36 only, by moving the mound of stone from W. to N. of cor. Thence S. 89° 57' W., on true line, continuing measurement of N. bdy. of sec. 1. Desc. 40 ft. over W. slope.
59.50	Drain, course NW. Asc. 90 ft. over NE. slope.
77.00	Ridge, brs. NW. and SE., slopes NW. Desc. 80 ft. over W. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, supported by a mound of stone, for reestablished cor. of secs. 1 and 2 only, marked on brass cap
	T 2 S R 12 E S 35 S 2 S 1 T 3 S R 12 E .1927
	No bearing trees available. Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor. Land, mountainous and rolling. Soil, adobe and caliche, 3rd rate. Timber, none. Undergrowth, scrub oak, mescal, ocotillo and scrub palo verde.

	S. 89° 57' W., on true line, on N. bdy. of sec. 2. Over mountainous land, thru scattering undergrowth. Desc. 210 ft. over W. slope.
7.40	Rocky wash, 10 lks. wide in bottom of canyon, course S. Asc. 370 ft. over E. slope to
17.04	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 2 and 35,

BOOK 820

Resurvey of North Boundary of Township 3 South, Range 12 East.

Chains which is a limestone 8 x 8 x 6 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face, and witnessed by a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No bearing trees.

This cor. monument now refers to the quarters of sec. 35 only. No reconstruction or alteration is required.

Thence
N. 89° 56' W., on true line, continuing measurement of N. bdy. of sec. 2. Asc. 10 ft. over SE. slope.

17.50 Ridge, brs. NE. and SW. Asc. 30 ft. over E. slope.

25.50 Ridge, brs. NW. and SE. Desc. 260 ft. over W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 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 reestablished $\frac{1}{4}$ sec. cor. of sec. 2 only, marked on brass cap

$\frac{1}{4}$ S 2
1927

No bearing trees available. Thence over rolling land. Desc. 30 ft. over W. slope.

41.20 Small gulch, course NW.

43.70 Small gulch, course NE. Asc. 45 ft. over E. slope.

49.50 Spur, slopes N. Desc. 20 ft. over NW. slope to

56.70 Intersect the original cor. of secs. 2, 3, 34 and 35, which is a limestone 8 x 8 x 8 ins. above ground, firmly set, marked with 2 notches on E. face and 4 notches on W. face and witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No bearing trees. Alter this cor. monument to refer to secs. 34 and 35 only, by moving the mound of stone from W. to N. of cor.

Thence
N. 89° 25' W., on true line, continuing measurement of N. bdy. of sec. 2. Desc. 35 ft. over NW. slope.

64.70 Draw, course NE.

79.70 Slope changes, desc. 15 ft. over W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 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 reestablished cor. of secs. 2 and 3 only, marked on brass cap

T 2 S R 12 E
S 34
S 3 | S 2
T 3 S R 12 E
1927

No bearing trees available.
Land, mountainous and rolling.
Soil, adobe, 3rd rate.
Timber, none.
Undergrowth, scrub oak and hackberry, cactus, ocotillo, Spanish bayonet and catclaw.

N. 89° 25' W., on true line, on N. bdy. of sec. 3. Over mountainous land, thru scattering undergrowth. Desc. 190 ft. over W. slope.

7.50 Small gulch, course S. 70° W. Over S. slope.

12.80 Small gulch, course S. Asc. 30 ft. over SE. slope.

Resurvey of North Boundary of Township 3 South, Range 12 East.

Chains

15.82 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 3 and 34, which is an unmarked stone, firmly set in the ground on the S. side of a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high. This cor. monument now refers to the quarters of sec. 34, only. Reconstruct it as follows: alongside the unmarked stone,
Set an iron post, 3 ft. long, 1 in. in diam., 8 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. of sec. 34 only, marked on brass cap

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

$$\hline 1927$$

No bearing trees available.

Thence

N. $89^{\circ} 58'$ W., on true line, continuing measurement of N. bdy. of sec. 3. Asc. 120 ft. over SE. slope.

25.20 Short spur, slopes S. Desc. 320 ft. over W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 3 only, marked on brass cap

$$\frac{1}{4} S 3$$

$$\hline 1927$$

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

Thence over level bottom of Wood Canyon, thru hackberry and scrub cedar undergrowth.

41.00 Wash, 5 lks. wide, 2 ft. deep, course N.

45.00 Wash, 30 lks. wide, 3 ft. deep, course N. Leave bottom of Wood Canyon. Enter mountainous land. Asc. 105 ft. over NE. slope.

51.00 Short spur, slopes N. Desc. 70 ft. over NW. slope.

54.10 Gulch, course NE. Asc. 54 ft. over E. slope to

56.00 Intersect the original cor. of secs. 3, 4, 33 and 34, which is a trachite stone, 12 x 10 x 8 ins. above ground, firmly set, marked with 3 notches on each of E. and W. faces and witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No bearing trees.

Alter this cor. monument to refer to secs. 33 and 34 only by moving the mound of stone from W. to N. of cor.

Thence

S. $89^{\circ} 58'$ W., on true line, continuing measurement of N. bdy. of sec. 3. Ascend 230 ft. over broken NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) marked on surface rock and raise a mound of stone around post, for reestablished cor. of secs. 3 and 4 only, marked on brass cap

$$T 2 S \quad R 12 E$$

$$S 33$$

$$\hline S 4 \quad S 3$$

$$T 3 S \quad R 12 E$$

$$1927$$

No bearing trees available.

Land, mountainous, rolling and level.

Soil, adobe, 3rd rate.

Timber, none.

Undergrowth, scrub oak, catclaw, ocotillo and Spanish bayonet.

BOOK

Resurvey of North Boundary of Township 3 South, Range 12 East.

Chains S. 89° 58' W., on true line, on N. bdy. of sec. 4.
 Over mountainous land, thru scattering undergrowth.
 Asc. 145 ft. over NE. slope.

8.20 Spur, slopes N. Desc. 140 ft. over W. slope.

15.30 Canyon, course N. 30° W. Asc. 20 ft. over E. slope.

15.82 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 4 and 33,
 which is a trachite stone, 14 x 12 x 10 ins. above
 ground, firmly set, marked $\frac{1}{4}$ on N. face, and witnessed
 by a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 This cor. monument now refers to the quarters of sec. 33,
 only. No reconstruction or alteration is required.

Thence,
 West, on true line, continuing measurement of N. bdy. of
 sec. 4. Asc. 70 ft. over NE. slope.

20.00 Short spur, slopes N. Over N. slope.

28.00 Short spur, slopes N. 20° W. Desc. 130 ft. over W. slope.

33.00 Ravine, course N. Ascend gradually over 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 reestablished $\frac{1}{4}$ sec. cor. of
 sec. 4 only, marked on brass cap.

 S 4
 1927

No bearing trees available. Desc. 50 ft. over NW. slope.

42.50 Gulch, course NE. Asc. 255 ft. over SE. slope to

55.66 Intersect the original cor. of secs. 4, 5, 32 and 33;
 which is a trachite stone, 14 x 12 x 10 ins. above
 ground, firmly set, marked with 4 notches on E. face
 and 2 notches on W. face and witnessed by a mound of
 stone 3 ft. base, 2 ft. high, W. of cor. No bearing
 trees.

Alter this cor. monument to refer to secs. 32 and 33, only
 by moving the mound of stone from W. to N. of cor.

Thence
 S. 89° 43' W., on true line, continuing measurement of
 N. bdy. of sec. 4. Asc. 230 ft. over SE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 4 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 reestablished cor. of secs. 4 and 5
 only, marked on brass cap

T 2 S R 12 E
 S 32
 S 5 | S 4
 T 3 S R 12 E
 1927

No bearing trees available.
 Land, mountainous.
 Soil, adobe, 3rd rate.
 Timber, none.
 Undergrowth, scrub catclaw, mesquite, ocotillo, Spanish
 bayonet and cactus.

S. 89° 43' W., on true line, on N. bdy. of sec. 5.
 Over mountainous land, thru scattering undergrowth.
 Asc. slightly over SE. slope.

1.20 Ridge, brs. N. and S.; 150 ft. higher than pass 5 chs. S.

Resurvey of North Boundary of Township 3 South, Range 12 East.

- Chains Top of cliff, 120 ft. high, bearing NW. and SE., facing SW., forming E. rim of Telegraph Canyon. Desc. 460 ft. over W. slope to
- 15.33 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, which is a trachite stone, 10 x 10 x 8 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face, and witnessed by a mound of stone, 3 ft. base, 2 ft. high, N. of cor. This cor. monument now refers to the quarters of sec. 32 only. No reconstruction or alteration is required.
- Thence
N. 89° 58' W., on true line, continuing measurement of N. bdy. of sec. 5. Desc. 15 ft. over W. slope.
- 17.50 Wash, 25 lks. wide, course N., in bottom of Telegraph Canyon. Asc. 120 ft. over NE. slope.
- 23.90 Short spur, slopes N. Desc. 40 ft. over NW. slope.
- 32.00 Small gulch, course N. Asc. 65 ft. over NE. slope.
- 35.40 Short spur, slopes N. Desc. 100 ft. over NW. slope.
- 38.00 Ravine, course NE. Asc. 90 ft. over E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 5 only, marked on brass cap

$\frac{1}{4}$ S 5
1927

- No bearing trees available. Asc. 110 ft. over E. slope.
- 45.00 Spur, slopes NE. Desc. 90 ft. over W. slope.
- 51.70 Draw, course NE. Asc. 40 ft. over E. slope to
- 55.10 Intersect the original cor. of secs. 5, 6, 31 and 32, which is a trachite stone, 8 x 8 x 6 ins. above ground, firmly set, marked with 5 notches on E. face and 1 notch on W. face, and witnessed by a mound of stone 3 ft. base 2 ft. high W. of cor. No bearing trees. Alter this cor. monument to refer to secs. 31 and 32 only, by moving the mound of stone from W. to N. of cor.
- Thence
West, on true line, continuing measurement of N. bdy. of sec. 5. Asc. 45 ft. over E. slope.
- 59.00 Ridge, brs. N. and S. Desc. gradually over W. slope.
- 61.00 Desc. over N. slope to
- 64.00 Point of short spur, slopes NW.
Desc. 110 ft. over W. slope.
- 70.50 Gulch, course NE. Asc. 190 ft. over SE. slope to
- 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 reestablished cor. of secs. 5 and 6 only, marked on brass cap

T 2 S R 12 E
S 31
S 6 | S 5
T 3 S R 12 E.
1927

No bearing trees available.
Land, mountainous.
Soil, adobe, 3rd rate.
Timber, none.
Undergrowth, scrub oak, catclaw, mesquite, cactus, ocotillo, Spanish bayonet, scrub cedar and palo verde.

Resurvey of North Boundary of Township 3 South, Range 12 East.

Chains	West, on true line, on N. bdy. of sec. 6. Over mountainous land, thru scattering undergrowth. Asc. 110 ft. over SE. slope.
4.00	Ridge, brs. NE. and S. Desc. 275 ft. over W. slope to $\frac{1}{4}$ sec. cor. of sec. 31.
7.50	Wire fence, brs. N. and S.
14.18	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 6 and 31, which is a trachite stone 8 x 6 x 6 ins. above ground, firmly set, dimly marked $\frac{1}{4}$ on N. face, and witnessed by a mound of stone 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No bearing trees. Reconstruct this cor. monument and alter same to refer to the quarters of sec. 31 only, as follows: alongside old stone, Set an iron post, 3 ft. long, 2 ins. in diam., (no 1 in. post available), 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31 only, marked on brass cap $\frac{1}{4}$ S 31 1927 No bearing trees available.
15.00	Continue line and measurement. Desc. 20 ft. over W. slope
40.00	Gulch, course S. 70° W. Desc. 250 ft. over SW. slope to Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 6 only, marked on brass cap $\frac{1}{4}$ S 6 1927 No bearing trees available. Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Desc. 70 ft. over SW. slope.
42.50	Wash, 40 lks. wide, course W., from S. 75° E. Desc. 70 ft. in wash to
47.00	Junction of above wash with another wash 30 lks. wide, course S. Asc. 80 ft. over SE. slope to
52.46	Intersect the cor. of Ts. 2 and 3 S., Rs. 11 and 12 E., described in Book "A" of this Group. Land, mountainous. Soil, adobe and loam, 2nd rate. Timber, none. Undergrowth, scrub palo verde, mesquite and catclaw, ocotillo, cactus, Spanish bayonet, scrub oak and sage brush.

Boundaries of Township 3 South, Range 12 East.

Latitudes, departures and closing errors.

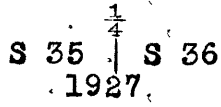
Line designated	True course	Dist- ance.	Latitudes		Departures		
			N.	S.	E.	W.	
South Boundary	West	450.48				450.48	
West Boundary	N. 0°13'W.	2.54	2.54			.01	
	N.0° 10'W.	472.83	472.83			1.40	
North Boundary	East	77.36			77.36		
	S.89°58'E.	39.77		.02	39.77		
	N.89°43'E.	39.67	.20		39.67		
	East	39.84			39.84		
	N.89°58'E.	39.82	.02		39.82		
	S.89°58'E.	40.18		.02	40.18		
	S.89°25'E.	39.12		.40	39.12		
	S.89°56'E.	39.66		.05	39.66		
N.89°57'E.	39.62	.03		39.62			
East	57.42			57.42			
East Boundary	South	475.83		475.83			
Convergency					.47		
Totals			475.62	476.32	452.93	451.89	
				475.62	451.89		
<u>Error in latitude</u>				0.70			
<u>Error in departure</u>						1.04	

Survey of Subdivision of Township 3 South, Range 12 East.

Chains The cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which was established in 1924 by D. R. Averill, U. S. Surveyor, is an iron post, 2 ins. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap and witnessed by a mound of stone W. of cor. This cor. is in bottom of draw, 30 lks. wide, course SW.

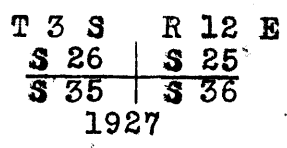
Thence
N. 0° 1' W., on true line, bet. secs. 35 and 36.
Over rolling land, thru dense undergrowth.
Asc. 124 ft. over SE. slope.

- 28.10 Spur, slopes S. 20° W. Desc. 25 ft. over NW. slope.
- 37.50 Draw, course W. Asc. 46 ft. over S. 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



No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Asc. 24 ft. over S. slope,

- 41.10 Spur, slopes W. Desc. 122 ft. over N. slope.
- 44.60 Drain, course W. Asc. 105 ft. over SW. slope.
- 56.50 Point of spur, slopes W. Desc. 20 ft. over NW. slope.
- 59.00 Draw, course W., into Walnut Creek, 5 chs. dist. Asc. 15 ft. over SW. slope.
- 61.50 Point of spur, slopes W. Desc. 73 ft. over NW. slope to
- 70.30 Enter level bottom land.
- 75.65 Dry bed of Walnut Creek, 80 lks. wide, course SW.
Thence over level bottom land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, marked on brass cap



No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high; W. of cor.
Land, rolling and mountainous.
Soil, adobe and loam, 2nd rate.
Timber, none.
Undergrowth, scrub palo verde, greasewood, cactus, ocotillo, catclaw and scrub mesquite.

- 40.00 East, on random line, bet. secs. 25 and 36.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.48 Fall 2 lks. N. of the cor. of secs. 25, 30, 31 and 35, on the E. bdy. of the Tp., established in 1916 by R. J. Gill, U. S. Surveyor, which is an iron post, 2 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 W. of cor. No bearing trees

Thence
N. 89° 59' W., on true line, bet. secs. 25 and 36.
Over mountainous land, thru dense undergrowth.
Ascend gradually over SE. slope.

- 5.30 Desc. 25 ft. over S. slope.
- 6.70 Draw, course SE. Asc. 105 ft. over NE. slope.
- 11.60 Spur, slopes SE. Desc. 40 ft. over SW. slope.
- 15.20 Gulch, course SE. Asc. 216 ft. over E. slope.

Survey of Subdivision of Township 3 South, Range 12 East.

Chains

- 35.50 Ridge, brs. N. and S. Desc. 133 ft. over W. slope to
 40.24 Set an iron post, 3 ft. long, 1 in. in diam., 4 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

$\frac{1}{4}$ $\frac{S\ 25}{S\ 36}$
 1927

- No bearing trees available. Desc. 124 ft. over W. slope.
 48.10 Ravine, course NW. Asc. 113 ft. over NE. slope to
 54.00 Top of cliff, bearing N. & S., facing W., at point of spur
 sloping N. Desc. 100 ft. to
 54.80 Foot of same cliff, brs. N. and S.
 55.30 Fault bet. cliffs, brs. N. and S. Asc. 80 ft. to
 56.30 Top of cliff, 140 ft. high, brs. N. and S., facing W.
 58.50 Foot of same cliff, brs. N. and S. Desc. 55 ft. over W.
 slope.
 61.50 Gulch, course NW. Desc. 18 ft. over N. slope to
 64.50 Point of spur, slopes NW. Desc. 143 ft. over W. slope to
 75.40 Dry bed of Walnut Creek, 100 lks. wide, course SW.
 Thence over level bottom land.
 80.48 The cor. of secs. 25, 26, 35 and 36.
 Land, mountainous and level.
 Soil, adobe and loam, 3rd rate.
 Timber, none.
 Undergrowth, scrub palo verde, ocotillo, cactus, scrub
 catclaw and mesquite.

N. 0° 1' W., on true line, bet. secs. 25 and 26.
 Over level bottom land, thru medium undergrowth.

- 1.00 Leave bottom land, and enter mountainous land, asc. 165
 ft. over SE. slope to
 19.70 Ascend gradually over E. slope to
 32.00 Desc. 25 ft. over NE. slope to
 37.00 Asc. gradually over E. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 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

$\frac{1}{4}$
 S 26 | S 25
 1927

- No bearing trees available. Walnut Creek, course S., is
 about 60 lks. E. of this cor. Asc. 344 ft. over
 steep SE. slope to top of cliffs.
 46.00 Foot of cliff.
 49.00 Top of cliff, 200 ft. high, bearing NE. and SW., facing
 SE. Asc. gradually over E. slope.
 57.00 Desc. 125 ft. over broken NE. slope.
 73.80 Ravine, course SE.
 Asc. 70 ft. over SW. slope.
 78.00 Spur, slopes SE.
 Desc. 63 ft. over NE. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 23, 24, 25 and 26,
 marked on brass cap,

Survey of Subdivision of Township 3 South, Range 12 East

Chains

T3SR12E
S23|S24
S26|S25
1927

No bearing trees available. Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

Land: mountainous, rough and broken.
Soil: rocky, 4th rate.
Timber: cottonwood .
Undergrowth: palo verde, mesquite, catclaw, ocotilla, cactus, greasewood, sage.

- S .89°59'E., on random line, bet. secs. 24 and 25.
- 40.00 Set temp. 1/4 sec. cor.
- 80.10 Fall 4 lks. N. of the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., which was established in 1916 by R. J. Gill, U.S. Surveyor and is an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W. of cor. No bearing trees.
- Thence, (from cor.)
- N. 89°57'W., on true line, bet. secs. 24 and 25.
- Over mountainous land; through moderate undergrowth.
- Asc. 28 ft. over NE. slope.
- 6.10 Spur, slopes N.
- Desc. 583 ft. over W. slope.
- 22.10 A cliff, 30 ft. high, faces W.
- 29.50 Ravine, course SW.
- Asc. 28 ft. along S. slope.
- 36.10 Spur, slopes S.
- Desc. gradually over SW. slope.
- 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, deposit a stone, marked with cross (x) at base of post, raise a mound of stone, 3 ft. base, 1 1/2 ft. high, around post, for 1/4 sec. cor., marked on brass cap

1S24
4S25
1927

No bearing trees available.

- Desc. 126 ft. over W. slope.
- 54.40 Walnut Creek, 120 lks. wide, containing a stream of clear water, 1/2 lks. wide, course S. 70° E.
- Asc. 73 ft. over SE. slope to
- 64.80 Enter gulch, course S. 70° E. from W.
- Asc. 57 ft. in gulch to
- 75.10 Leave gulch, course E. from NW.
- Asc. 85 ft. over NE. slope to
- 80.10 The cor. of secs. 23, 24, 25 and 26.

Land: mountainous.
Soil: adobe, 3rd rate.
Timber: none.
Undergrowth: palo verde, creosote, ocotilla, cactus, catclaw, mesquite.

- N. 0° 01' W., on true line, bet. secs. 23 and 24.
- Over rough mountainous land; through scattering undergrowth.
- Desc. 35 ft. over NE. slope.
- 2.30 Gulch, course SE.
- Asc. 460 ft. over S. slope.

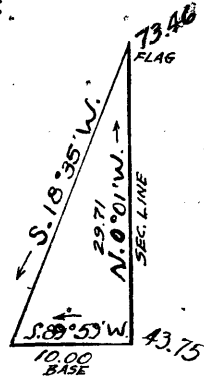
Survey of Subdivision of Township 3 South, Range 12 East

Chains
 23.20 Spur, slopes E.
 Desc. 273 ft. over NE. slope.
 24.00 Foot of high cliff, brs. S.10°W. and N.10°W., faces E.
 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

¼
 S23|S24
 1927

No bearing trees available. Raise a mound of stone, 3
 ft. base, 2 ft. high, W. of cor.
 Cor. set in small gulch, near head, course E.
 Asc. 71 ft. over S. slope.

43.75 Spur, slopes E. Discontinue chaining. To obtain measure-
 ment across canyon ahead, triangulate as described as
 follows:



From 43.75 ch. station, measure
 a base S.89°59'W., 10.00 chs.
 Set a flag **ahead on line**, from
 which the West end of base
 brs. S.18°35'W.

Dist. chained = 43.75 chs.
 Dist. triangulated = 29.71 "
 Total dist. = 73.46 "

58.50 (Approx.) Creek, 1 lk. wide and wash, 30 lks. wide, in
 bottom of canyon, course S.70°E., approximately 500 ft.
 below spur, and enters Walnut Creek about 30 chs. SE. of this point.

64.00 (Approx.) Foot of cliff, faces S., approximately 200 ft.
 above creek.

69.00 (Approx.) Top of cliff, 200 ft. above foot.

73.46 Triangulation point. Continue line and measurement by chaining.
 Asc. over SE. slope.

76.00 Point of vertical cliff, 80 ft. high, brs. NW. and NE. is
 approximately 60 lks. E.

Over W. slope along foot of cliff.

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

T3SR12E
 S14|S13
 S23|S24
 1927

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

Land: mountainous.
 Soil: rocky, 4th rate.
 Timber: cottonwood and hackberry in wash, only.
 Undergrowth: palo verde, mesquite, catclaw, creosote,
 cactus, ocotilla, bayonet.

40.00 S.89°57'E., on random line, bet. secs. 13 and 24.
 Set temp. ¼ sec. cor.

80.12 Fall 9 lks. S. of the cor. of secs. 13, 18, 19 and 24, on
 the E. bdy. of the Tp., which was established in 1917
 by R.J.Gill, U.S. Surveyor and is an iron post, 2 ins. in
 diam., projecting 8 ins. above a small mound of stone,
 firmly set, properly marked on brass cap, and witnessed
 by an additional mound of stone W. of cor. No bearing
 trees.

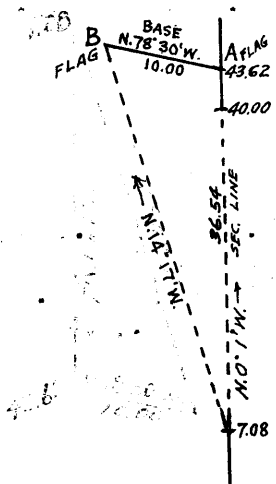
Thence, (S. 89° 57' E.)
 S.89°59'W., on true line, bet. secs. 13 and 24.

Survey of Subdivision of Township 3 South, Range 12 East

- Chains
- Over mountainous land; through scattering undergrowth.
Asc. slightly over rolling SE. slope.
- 24.10 Spur, slopes S.
Desc. over W. slope.
- 29.10 Gulch, course S.
Asc. over SE. slope.
- 40.06 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, deposit a stone, marked with cross (x) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap
- $\frac{1}{4}$ S13
 $\frac{1}{4}$ S24
 1927
- No bearing trees available.
- Ascend.
- 44.00 Rocky spur, slopes S.
Desc. over broken W. slope.
- 49.10 Canyon, course S.
Ascend.
- 68.10 Top of cliff, brs. N. and S., faces E.
- 76.10 Foot of cliff, brs. N. and S., faces E.
- 77.00 Spur, slopes S.; desc.
- 78.10 Top of cliff, 100 ft. high, brs. N. and S., faces W.
- 79.80 Foot of same.
- 80.12 The cor. of secs. 13, 14, 23 and 24.

Land: mountainous.
Soil: rocky, 3rd rate.
Timber: none.
Undergrowth: palo verde, ocotillo, cactus, catclaw, mesquite, creosote.

- N.0°01'W., on true line, bet. secs. 13 and 14.
Over mountainous land; through scattering undergrowth.
Over W. slope.
- 1.00 Asc. cliff, 100 ft. high, brs. N.5°W. and S.5°E.
- 5.00 Long spur, slopes S.5°E.
- 7.08 Discontinue chaining. To obtain measurement across rugged land ahead, triangulate as described as follows:



Set a flag (A) ahead on sec. line, and set a flag (B) westerly therefrom. The flag (B) brs. N.14°17'W. from 7.08 ch. station on sec. line. Unable to obtain longer base. From flag (A) the flag (B) at W. end of base brs. N.78°30'W.; 10.00 chs. Angles, checked by deflection, total 180°00'.
Vertical angle ahead = -3°0'40'
Dist. chained = 7.08 chs.
Dist. triangulated = 36.54 "
Total dist. 43.62 "
By return measurement 3.62 "
To ¼ sec. cor. = 40.00 "

- 9.00 (Approx.) Top of cliff, brs. N.5°E. and S.5°W., faces W.
- 35.00 (Approx.) Head of box canyon, course SW., 200 ft. below ¼ sec. cor.
- 38.00 (Approx.) Foot of cliff, brs. E. and W., faces S.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to bedrock, deposit a stone, marked with cross (*) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for ¼ sec. cor., marked on brass cap

Survey of Subdivision of Township 3 South, Range 12 East

Chains

$$\begin{array}{c} \frac{1}{4} \\ \hline S14 | S13 \\ \hline 1927 \end{array}$$

- No bearing trees available.
 Asc. over gradual SW. slope.
 43.30 Spur, slopes SW.
 Desc. 111 ft. over NW. slope.
 63.50 Boxed ravine, course W.
 Asc. 29 ft. over S. slope.
 66.00 Spur, slopes W.
 Desc. 165 ft. over NW. slope.
 77.00 Draw, course SW.
 Asc. 22 ft. over SE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground, deposit a stone marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 ft. high, around post, for cor. of secs. 11, 12, 13 and 14, marked on brass cap

$$\begin{array}{c} T3SR12E \\ \hline S11 | S12 \\ \hline S14 | S13 \\ \hline 1927 \end{array}$$

No bearing trees available.

Land: mountainous.

Soil: rocky, 3rd rate.

Timber: none.

Undergrowth: palo verde, ocetilla, cactus, catclaw, mesquite, creosote.

- N. 89° 59' E., on random line, bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 Fall 4 lks. N. of the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., which was established in 1917 by R. J. Gill, U.S. Surveyor and is an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W. of cor. No bearing trees.

Thence, (2 - 300)

- N. 89° 59' W., on true line, bet. secs. 12 and 13.
 Over mountainous land; through scattering undergrowth.
 Asc. 60 ft. over rocky E. slope.
 0.60 Ridge, brs. N. and S.
 Desc. 497 ft. over W. slope.
 36.50 Dry wash, 30 lks. wide, course S.
 Asc. 63 ft. over E. slope.
 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} S12 \\ \hline \frac{1}{4} S13 \\ \hline 1927 \end{array}$$

- No bearing trees available.
 Asc. 406 ft. over E. slope.
 54.70 Ridge, brs. N. and S.
 Desc. 408 ft. over W. slope.
 78.50 Dry gulch, course S.
 Asc. slightly, over E. slope.
 80.20 The cor. of secs. 11, 12, 13 and 14.

Land: mountainous.

Soil: rocky, 3rd rate.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

Timber: none.
Undergrowth: palo verde, ocatilla, catclaw, cactus, mesquite.

- N.0°01'W., on true line, bet. secs. 11 and 12.
Over mountainous alnd; through scattering undergrowth.
Asc. 117 ft. over SE. slope.
- 7.20 Spur, slopes SW.
Desc. 23 ft. over NW. slope.
- 20.00 Ravine, course SW.
Asc. 78 ft. over SE. slope.
- 23.70 Spur, slopes SW.
Desc. 125 ft. over NW. slope.
- 30.50 Spring and water trough, br. W., 2 chs. dist.
- 36.00 Dry gulch, course SW.
Asc. 52 ft. over S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 ft. high, around post, for 1/4 sec. cor., marked on brass cap

1/4
S11|S12
1927

- No bearing trees available.
Asc. 130 ft. over S. slope.
- 47.30 Spur, slopes SW.
Desc. 70 ft. over NW. slope.
- 55.00 Head of ravine, course W.
Asc. 149 ft. over SE. slope.
- 61.30 Spur, slopes SW.
Desc. slightly along W. slope.
- 67.00 Slope changes; desc. 63 ft. over N. slope.
- 71.00 Head of gulch, course W.
Asc. 31 ft. over S. slope.
- 73.80 Long spur, slopes W.
Desc. 113 ft. over N. slope.
- 78.00 Wire fence, brs E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 ft. high, around post, for cor. of secs. 1, 2, 11 and 12, marked on brass cap

T3SR12E
S2|S1
S11|S12
1927

No bearing trees available.

Land: mountainous.
Soil: adobe, 3rd rate.
Timber: none.
Undergrowth: scrub oak, mesquite, catclaw, ocatilla, cactus, palo verde, creosote.

- S.89°59'E., on random line, bet. secs. 1 and 12.
- 40.00 Set temp. 1/4 sec. cor.
- 80.32 Fall 19 lks. N. of the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., which was established in 1917 by R. J. Gill, U.S. Surveyor and is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, W. of cor. No bearing trees.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

Thence (2) N. 89° 51' W., on true line, bet. secs. 1 and 12.
Over mountainous land; through scattering undergrowth.
Asc. 61 ft. over E. slope.
4.00 Spur, slopes S.
Desc. 153 ft. over SW. slope.
12.40 Head of ravine, course S.
Asc. gradually over E. slope.
15.30 Ridge, divide, brs. NE. and SW.
Desc. 29 ft. over W. slope.
20.80 Head of ravine, course N.
Asc. 187 ft. over E. slope.
37.30 Ridge, divide, brs. N. and S..
Desc. 74 ft. over W. slope.
40.16 Set an iron post, 3 ft. long, 1 in. in diam., 2 ins. in
the ground, deposit a stone, marked with cross (+) at
base of post, raise a mound of stone, 4 ft. base, .2
ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass
cap

$\frac{1}{4}$ S1
 $\frac{1}{4}$ S12
1927

No bearing trees available.

Desc. 713 ft. over W. slope.
70.70 Dry ravine, course N. 80° W.
Over S. slope.
76.30 Short spur, slopes NW.
Desc. 86 ft. over W. slope.
79.60 Gulch, course N.
80.32 The cor. of secs. 1, 2, 11, and 12.

Land: mountainous.

Soil: rocky, 3rd rate.

Timber: none.

Undergrowth: palo verde, mesquite, crucifixion, soto,
catclaw, scrub oak, and greasewood.

N. 0° 01' W., on random line, bet. secs. 1 and 2.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
75.92 Fall 35 lks. W. of the cor. of secs. 1 and 2, only, on
the N. bdy. of the Tn., hereinbefore described.
Thence
S. 0° 15' W., on true line, bet. secs. 1 and 2.
Over mountainous land; through scattering undergrowth.
Asc. 10 ft. along W. slope.
2.90 Short spur, slopes W.
Desc. 222 ft. over SW. slope.
20.90 Ravine, course SE.
Asc. 154 ft. over NE. slope.
32.90 Spur, slopes E.
Desc. 45 ft. over S. slope.
35.92 Set an iron post, 3 ft. long; 1 in. in diam., 12 ins. in
the ground, deposit a stone, marked with cross (+) at
base of post, raise a mound of stone, 3 ft. base, $1\frac{1}{2}$
ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on
brass cap

$\frac{1}{4}$
S2 | S1
1927

No bearing trees available.

Over level top of spur, slopes S.
46.90 Slope changes; desc. 203 ft. over S. slope.
57.50 Dry wash, 50 lks. wide, course SW.
67.70 Same wash, course SE.
74.90 Same wash, with creek, 1 lk. wide, course SW.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

75.92 Asc. 15 ft. over NW. slope.
The cor. of secs. 1, 2, 11 and 12.

Land: mountainous.
Soil: rocky, 3rd rate.
Timber: none.
Undergrowth: palo verde, ocatilla, cactus, catclaw, corona christa, creosote, soto.

The cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., was established in 1924 by D.R. Averill, U.S. Surveyor and is an iron post, 2 ins. in diam., projecting 6 ins. above a large mound of stone, firmly set, properly marked on brass cap. No bearing trees.

Thence, (true line)
N.0°01'W., on true line, bet. secs. 34 and 35.
Over rolling land; through scattering undergrowth.

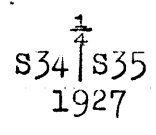
1.20 Small ravine, course SE.
Asc. 50 ft. over SW. slope.

5.10 Spur, slopes SE.
Desc. 75 ft. over NW. slope.

11.20 Enter dry wash, course SE.
11.50 Main channel of same, 60 lks. wide, course SE.

14.10 Leave dry wash, course SE.
Asc. 90 ft. over rolling S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 1/2 ft. high, around post, for 1/4 sec. cor., marked on brass cap

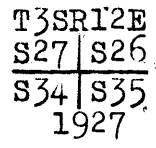


No bearing trees available.

Over E. slope.
54.60 Dry gulch, course SE.
Asc. 150 ft. over SW. slope.

72.50 Spur, slopes SE.
Over E. slope.

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



No bearing trees available. Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.
A limestone outcrop, 10x4x4 ft., brs.W., 8 lks. dist.

Land: rolling.
Soil: adobe and loam.
Timber: none.
Undergrowth: palo verde, mesquite, ocatilla, choila, sahuaro, catclaw, sage, creosote.

East, on random line, bet. secs. 26 and 35.
40.00 Set temp. 1/4 sec. cor.

Survey of Subdivision of Township 3 South, Range 12 East

Chains	
80.20	Intersect the cor. of secs. 25, 26, 35 and 36. Thence West, on true line, bet. secs. 26 and 35. Over rolling land; through scattering undergrowth. Asc. 270 ft. over SE. slope.
2.20	Leave small area of bottom land.
25.10	Spur, slopes S. Desc. 60 ft. over broken S. slope.
25.70	Prospect tunnel on line. Dim road brs. S., only.
40.10	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4}S26 \\ \hline S35 \\ 1927 \end{array}$
	No bearing trees available. Asc. 15 ft. over SE. slope.
42.90	Spur, slopes S. Desc. 100 ft. over W. slope.
49.10	Small drain, course S. Over general SW. slope.
61.10	Dry wash, 20 lks. wide, 3 ft. deep, course S.20°E. Asc. 80 ft. over SE. slope.
80.20	The cor. of secs. 26, 27, 34 and 35. Land: rolling. Soil: adobe and loam, 3rd rate. Timber: none. Undergrowth: palo verde, mesquite, ocotillo, cholla, sahuaro, catclaw, sage, creosote.

	N.0°01'W., on true line, bet. secs. 26 and 27. Over rolling land; through scattering undergrowth. Asc. 55 ft. along E. slope.
9.60	Slope changes; desc. 90 ft. over N. slope.
27.00	Dry gulch, 5 lks. wide, course SE.
29.00	Enter flat, brs. NW. and SE.
35.00	Leave same, brs. NW. and SE. Desc. 40 ft. over NW. slope.
38.50	Dry gulch, 10 lks. wide, course SE. Asc. 20 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 ft. high, around post, for ¼ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} \\ S27 S26 \\ 1927 \end{array}$
	No bearing trees available. Asc. 70 ft. over SW. slope
46.00	Short spur, slopes SW. Over W. slope.
52.00	Ravine, course SW. Over mountainous land. Asc. 700 ft. over S. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap
	$\begin{array}{r} T3SR12E \\ S22 S23 \\ S27 S26 \\ 1927 \end{array}$

Survey of Subdivision of Township 3 South, Range 12 East

Chains

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

Land: rolling and mountainous.
 Soil: adobe and loam, 2nd and 3rd rates.
 Timber: none.
 Undergrowth: palo verde, mesquite, ocatilla, cholla, sahuaro, catclaw, sage, creosote.

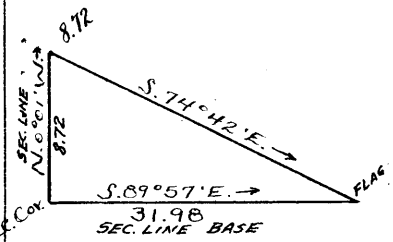
East, on random line, bet. secs. 23 and 26.
 40.00 Set temp. ¼ sec. cor.
 80.02 Fall 7 lks. N. of the cor. of secs. 23, 24, 25 and 26.
 Thence
 N. 89° 57' W., on true line, bet. secs. 23 and 26.
 Over mountainous land; through scattering undergrowth.
 Asc. 80 ft. over NE. slope.
 3.00 Spur, slopes S. 60° E.
 Over S. slope.
 5.20 Small ravine, course SE.
 Asc. 80 ft. over SE. slope.
 10.00 Spur, slopes SE.
 Over S. slope.
 13.00 Ravine, course SE.
 Asc. 250 ft. over NE. slope.
 28.50 Spur, slopes S.
 Desc. 170 ft. over W. slope.
 38.25 Rocky ravine, course S.
 Asc. 50 ft. over E. slope.
 40.01 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for ¼ sec. cor., marked on brass cap

S23
 S26
 1927

No bearing trees available.
 Asc. 300 ft. over E. slope.
 48.00 Rugged spur, slopes S.
 48.04 Set flag for triangulation bet. secs. 22 and 23.
 Desc. 535 ft. over W. slope.
 57.60 Canyon, course S.
 Asc. 460 ft. over SSE. slope.
 75.50 Slope changes; desc. 40 ft. along S. slope.
 80.02 The cor. of secs. 22, 23, 26 and 27.

Land: mountainous.
 Soil: adobe and caliche, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, ocatilla, sahuaro, cholla, sage, mescal, mesquite, catclaw, creosote.

N. 0° 01' W., on true line, bet. secs. 22 and 23.
 Over mountainous land; through scattering undergrowth.
 To obtain the station of top of vertical cliff, 150 ft. high, ahead, triangulate as described as follows:



From a point on line on top of cliff the flag set 31.98 chs. S. 89° 57' E. of cor. of secs. 22, 23, 26 and 27 brs. S. 74° 42' E.

Vertical angle ahead = + 39°

8.72 Triangulation point.

Survey of Subdivision of Township 3 South, Range 12 East

Chains
 8.90 Ridge, brs. NW. and SE., slopes SE., 470 ft. above sec. cor.
 Desc. 160 ft. over NE. slope.
 23.50 Gulch, course SE.
 Asc. 60 ft. over SE. slope.
 29.00 Spur, slopes S.70°E.
 Desc. 60 ft. over NE. slope.
 38.80 Small ravine, course E.
 Asc. 25 ft. over S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 5 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 5 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S22 | S23
 1927

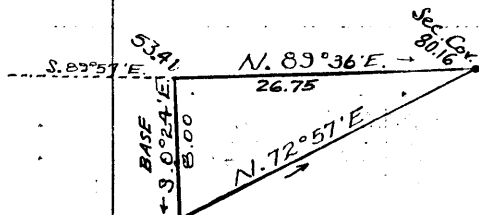
No bearing trees available.
 Asc. 10 ft. over S. slope.
 41.50 Spur, slopes E.
 Desc. 50 ft. over E. slope.
 56.00 Slope changes; desc. 100 ft. over NE. slope.
 60.40 Small ravine, course E.
 Asc. 70 ft. over S. slope.
 63.50 Spur, slopes E.
 Desc. 160 ft. over NE. slope.
 73.00 Canyon, bedrock bottom, course E.
 78.60 Same canyon, from SW., course SW.
 Asc. 45 ft. over SW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for cor. of secs. 14, 15, 22 and 23, marked on brass cap

T3SR12E
 S15 | S14
 S22 | S23
 1927

No bearing trees available.

Land: mountainous, and broken rocky flats.
 Soil: rocky adobe, 3rd rate.
 Timber: very scattering cedar and hackberry.
 Undergrowth: sage, catclaw, cactus, mesquite.

S.89°57'E., on random line, bet. secs. 14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 53.41 Discontinue chaining. To obtain measurement over cliffs ahead, triangulate as described as follows:



The cor. of secs. 13, 14, 23 and 24, which is visible from this point, brs. N.89°36'E.
 Measure a base 8.00 chs. in length, S.0°24'E.
 From the South end of the base the sec. cor. brs. N.72°57'E.

Dist. chained point = 53.41 chs.
 Dist. triangulated = 26.75 chs.
 Total length of line = 80.16 chs.

Calculating into terms of original random line: at

80.16 Fall 21 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Survey of Subdivision of Township 3 South, Range 12 East

Chains	
	Thence S.89°54'W., on true line, bet. secs. 14 and 23. Over mountainous land; through moderate undergrowth. Desc. 720 ft. over W. slope.
6.20	(Approx.) Top of cliff, 250 ft. high, faces W.
13.70	(Approx.) Small canyon, course S.20°W.
18.20	(Approx.) Short sharp spur, slopes S.
23.80	(Approx.) Rocky wash, 30 lks. wide, creek, 5 lks. wide, course S.30°E. Asc. 60 ft. over E. slope.
26.76	Point 14 lks. N. of triangulation point of random line. Continue line and measurement by chaining.
	Asc. 210 ft. over E. slope.
36.70	Spur, slopes S. Desc. 70 ft. over SW. slope.
40.08	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4}S14 \\ \frac{1}{4}S23 \\ \hline 1927 \end{array}$
	No bearing trees available. Desc. 40 ft. over SW. slope.
42.16	Dry gulch, course S. Over S. slope.
55.70	Small ravine, course SE. Asc. 280 ft. over SE. slope.
75.70	Short spur, slopes SSE. Desc. 70 ft. over SW. slope.
80.16	The cor. of secs. 14, 15, 22 and 23.
	Land: mountainous. Soil: rocky, adobe and loam, 4th rate. Timber: Very scattering cedar and cottonwood. Undergrowth: palo verde, mesquite, catclaw, creosote, mescal, soto, sage, scrub oak, dogwood, mahogany.

	N.0°01'W., on true line, bet. secs. 14 and 15. Over mountainous land; through scattering undergrowth. Asc. 550 ft. over SW. slope.
0.15	Trail, brs. E. and W.
22.00	Yellow cliffs, 50 ft. high, face S.
22.80	Spur, slopes SE. Desc. 40 ft. over NE. slope.
26.80	Small gulch, course S.60°E. Asc. 90 ft. over S. slope.
30.30	Spur, slopes SE. Desc. 220 ft. over NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in The ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} \\ S15 S14 \\ \hline 1927 \end{array}$
	No bearing trees available. Desc. 60 ft. over NE. slope.
45.00	Small gulch, course NE.
53.50	Ravine, course SE. Asc. 140 ft. over S. slope.
61.00	Spur, slopes SE.
64.00	Spur, slopes N.70°E.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

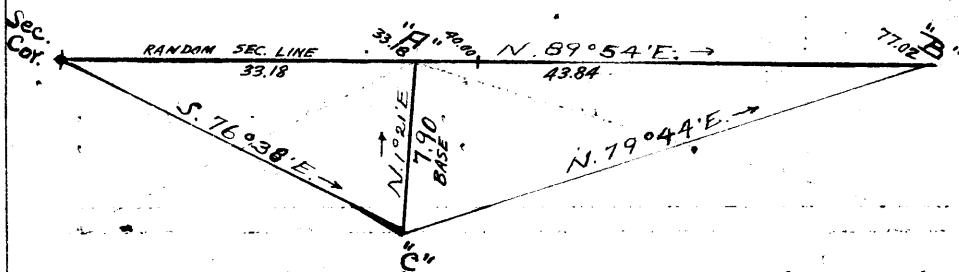
72.00 Desc. 230 ft. over N. slope.
Canyon, course N.70°E.
80.00 Asc. 160 ft. over SE. slope.
Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for cor. of secs. 10, 11, 14 and 15, marked on brass cap

T3SR12E
S10|S11
S15|S14
1927

No bearing trees available.

Land: mountainous.
Soil: adobe, rocky, 4th rate.
Timber: very scattering cedar.
Undergrowth: palo verde, mesquite, catclaw, ocotilla, soto, mescal, creosote, sage.

N. 89°54'E., on random line, bet. secs. 11 and 14.
On account of the rugged character of the land ahead, triangulate as described as follows:
Set points "A" and "B" ahead on line, and point "C" opposite point "A" in a southerly direction.
The bearing to point "C" is S. 76°38'E.
Length of base "A" to "C" = 7.90 chs.
From point "C", point "A" brs. N. 1°21'E. and point "B" brs. N. 79°44'E.
Longer base not obtainable. Angles checked by deflection.



Station of Point "A" = 33.18 chs.
Station of point "B" = 77.02 chs.

40.00 Measuring forward from point "A", at
Set temp $\frac{1}{4}$ sec. cor.
80.14 Measuring forward from point "B", at
Fall 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.
Thence
S. 89°55'W., on true line, bet. secs. 11 and 14.
Over mountainous land; through scattering undergrowth.
Asc. 25 ft. over SE. slope.
3.12 Triangulation point "B". Short spur, slopes S.
Desc. 730 ft. over rugged SW. slope.
30.00 (Approx.) Canyon, from W., course S.
Asc. bottom of canyon, 50 lks. wide.
38.40 Canyon, from NW., course E.
Asc. 80 ft. over E. slope.
40.07 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S11
S14
1927

No bearing trees available.

Survey of Subdivision of Township 3 South, Range 12 East

Chains
 47.00 Asc. 280 ft. over rugged E. slope.
 Short spur, slopes N.
 Over broken NE. slope.
 66.00 (Approx.) Short spur, slopes NE.
 Desc. approx. 120 ft. over NW. slope.
 74.00 (Approx.) Canyon, course NE.
 Asc. approximately 230 ft. over E. slope.
 80.14 The cor. of secs. 10, 11, 14 and 15.

Land: rolling-topped spurs and box canyons, mountainous.
 Soil: adobe, 4th rate.
 Timber: none.
 Undergrowth: creosote, ocatilla, hackberry, cherry,
 dogwood, catclaw, mahogany, soto, etc.

N.0°01'W., on true line, bet. secs. 10 and 11.
 Over rolling-mountainous land; through scattering under-
 growth.
 4.00 Asc. 25 ft. over SE. slope.
 Spur, slopes E.
 Desc. 140 ft. over NE. slope.
 10.00 Small gulch, course NE.
 Asc. 20 ft. over SW. slope.
 14.80 Low spur, slopes E.
 Desc. 130 ft. over broken NE. slope.
 30.00 Ravine, creek, 1 lk. wide, course E.
 Asc. 100 ft. over S. slope.
 35.90 Spur, slopes E.
 Desc. 125 ft. over NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
 the ground, deposit a stone, marked with cross (+) at
 base of post, raise a mound of stone, 4 ft. base, 2 ft.
 high, around post, for 1/4 sec. cor., marked on brass cap

1/4
 S10 | S11
 1927

No bearing trees available.
 Desc. 80 ft. over N. slope.
 43.50 Small gulch, course SE.
 47.00 Ravine, course E.; stream, 1 lk. wide, course E.
 Over broken E. slope.
 59.00 Canyon, stream, 1 lk. wide, course SE.
 Asc. 230 ft. over SW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on cross
 (+) on bedrock, raise a mound of stone, 5 ft. base, 2 1/2
 ft. high, for cor. of secs. 2, 3, 10 and 11, marked on
 brass cap

T3SR12E
 S3 | S2
 S10 | S11
 1927

No bearing trees available.
 Land: rolling-mountainous.
 Soil: adobe, 3rd rate.
 Timber: none.
 Undergrowth: sage, catclaw, mesquite, ocatilla, cactus.

N.89°55'E., on random line, bet. secs. 2 and 11.
 40.00 Set temp. 1/4 sec. cor.
 79.90 Intersect the cor. of secs. 1, 2, 10 and 12.
 Thence
 S.89°55'W., on true line, bet. secs. 2 and 11.
 Over broken and mountainous land; through scattering
 undergrowth.

Survey of Subdivision of Township 3 South, Range 12 East

Chains	
	Desc. 25 ft. over SW. slope.
1.20	Ravine, dry wash, 30 lks. wide in bottom, course SW.
2.70	Middle of circular corral, $1\frac{1}{2}$ chs. diam.
5.10	Same ravine, course NW.
7.90	Same ravine, course SW.
	Over broken S. slope.
36.00	Small ravine, course S.
39.50	Small ravine, course S.
39.95	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S2
	$\frac{1}{4}$ S11
	1927
	No bearing trees available.
	Asc. 20 ft. over E. slope.
42.90	Short spur, slopes S.
	Desc. 160 ft. over SW. slope.
50.60	Canyon, stream, 1 lk. wide, course S. 30° E.
	Asc. 260 ft. over E. slope.
61.90	Spur, slopes SSE.
	Desc. 85 ft. over W. slope.
66.60	Gulch, course S.
	Asc. 150 ft. over E. slope.
71.90	Short spur, slopes S.
	Desc. 120 ft. over SW. slope.
79.90	The cor. of secs. 2, 3, 10 and 11.
	Land: broken and mountainous.
	Soil: adobe and loam, 3rd rate.
	Timber: scattering scrub cedar.
	Undergrowth: sage, ocatilla, catclaw, mesquite, cactus.

	N. $0^{\circ}15'$ E., on random line, bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.00	Run 20 lks. E. of the cor. of secs. 2 and 3, only, on the N. bdy. of the Tp., hereinbefore described.
	Thence
	S. $0^{\circ}06'$ W., on true line, bet. secs. 2 and 3.
	Over rolling land; through scattering undergrowth.
	Over malpais mesa.
22.00	Ridge, divide, brs. NE. and SW.
	Desc. 130 ft. over SE. slope.
36.00	Set an iron post, 3 ft. long, 1 in. in diam., 5 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S3
	$\frac{1}{4}$ S2
	1927
	No bearing trees available.
	Desc. 15 ft. over S. slope.
37.20	Small ravine, course E.
	Asc. 20 ft. over N. slope.
38.50	Short spur, slopes E.
	Desc. 50 ft. over S. slope.
43.00	Gulch, course SE.
	Asc. 190 ft. over NE. slope.
52.00	Short spur, slopes E.
	Over E. slope.
61.00	Spur, slopes E.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

71.20 Desc. 350 ft. over S. slope.

Small drain, course SW.

76.00 Desc. 15 ft. along W. slope.

The cor. of secs. 2, 3, 10 and 11.

Land: rolling.

Soil: adobe and loam, 3rd rate.

Timber: none.

Undergrowth: palo verde, ocatilla, cholla, catclaw.

The cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., was established in 1924. by D.R. Averill, U.S. Surveyor and is an iron post, 2 ins. in diam., projecting 6 ins. above a large mound of stone, firmly set, properly marked on brass cap. No bearing trees.

Thence,

N.0°02'W., on true line, bet. secs. 33 and 34.

Over rolling land; through scattering undergrowth.

8.00 Small ravine, course E.

27.00 Dry wash, 4 lks. wide, course SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for 1/4 sec. cor., marked on brass cap

1/4
S33|S34
1927

No bearing trees available.

42.00 Dry wash, 30 lks. wide, 3 ft. deep, course SE.

69.00 Dry wash, 30 lks. wide, 2 ft. deep, course SE.

Asc. 50 ft. over S. slope.

74.00 Spur, slopes SE.

Over E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for cor. of secs. 27, 28, 33 and 34, marked on brass cap

T3SR12E
S28|S27
S33|S34
1927

No bearing trees available.

Land: rolling.

Soil: adobe and caliche, shallow, 3rd rate.

Timber: none.

Undergrowth: palo verde, mesquite, catclaw, cactus, creosote, ocatilla, sahuaro, sage, guyata grass.

East, on random line, bet. secs. 27 and 34.

40.00 Set temp. 1/4 sec. cor.

80.14 Fall 9 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence

S.89°56'W., on true line, bet. secs. 27 and 34.

Over rolling land; through scattering undergrowth.

Asc. 45 ft. over E. slope.

2.70 Spur, slopes SE.

Desc. 140 ft. over SW. slope.

14.10 Dry gulch, 6 lks. wide, course S.

Asc. 60 ft. over E. slope.

19.80 Spur, slopes S.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

- 23.10 Desc. 55 ft. over W. slope. Drain, course S. Over gently rolling land.
- 33.70 Dry wash, 30 lks. wide, 2 ft. deep, course S.
- 37.10 Dry wash, 10 lks. wide, 2 ft. deep, course S.
- 40.07 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

$\frac{1}{4}$ S27
S34
1927

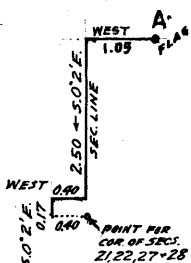
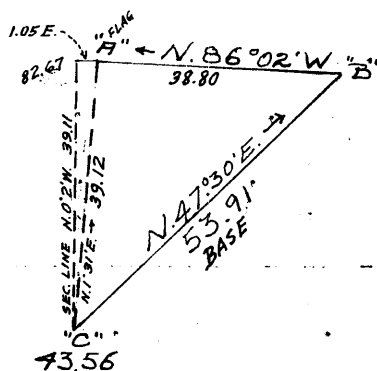
- No bearing trees available. Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor..
- 45.00 Over rolling land.
- 59.60 Gulch, 5 lks. wide, course SSE.
- 61.20 Gulch, 7 lks. wide, course SE.
- 80.14 The cor. of secs. 27, 28, 33 and 34.

Land: rolling and gently rolling.
Soil: adobe and loam, 2nd rate.
Timber: none.
Undergrowth: palo verde, cholla, mesquite, catclaw, ocatilla, sahuaro, creosote, guyata grass.

- N.0°02'W., on true line, bet. secs. 27 and 28. Over rolling land; through scattering undergrowth. Desc. 40 ft. over N. slope.
- 1.60 Gulch, 5 lks. wide, course E. Asc. 410 ft. over SE. slope.
- 30.00 Enter mountainous land.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 7 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S28|S27
1927

- No bearing trees available.
- 43.56 Asc. over SE. slope. Discontinue chaining. To obtain measurement over cliffs ahead, triangulate as described as follows:



Designate this point "C"
Set a flag on top of cliffs N.1°31' E. Designate this point "A"
Measure a base N.47°30'E., 53.91 chs. from point "C" to point "B"
From point "B" flag "A" on top of cliffs brs. N.86°02'W.
Length of line "C"-"A" = 39.12 chs.
Calculating: flag "A" is 1.05 chs. E. from a point 39.11 chs. N.0°2'W. from point "C" or 82.67 chs. N.0°2'W. from cor. of secs. 27, 28, 33 & 34.
Length of line "A"-"B" is 38.80 chs.
Point "B" is 39.75 chs. S.89°57'E. of true point for cor. of secs. 21, 22, 27 and 28.
From flag "A" which is 1.05 chs. East from a point on section bet. secs. 21 & 22 at 2.67 chs. N.0°2'W. from true point for cor. of secs. 21, 22, 27 & 28, traverse as follows:
West, 1.05 chs.
S.0°02'E., 2.50 chs.
West, 0.40 chs.
S.0°02'E., 0.17 chs. to a point 40 lks. West of true point for sec. cor.

Survey of Subdivision of Township 3 South, Range 12 East

Chains
80.00 True point for cor. of secs. 21, 22, 27 and 28 falls on inaccessible point on high cliff, facing SE., and therefore at a point 40 lks. West, reached as described in foregoing, establish witness cor. as follows:
(Set) set an iron post, 3 ft. long, 2 ins. in diam., 5 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 5 ft. base, 2 ft. high, around post, for witness cor. to cor. of secs. 21, 22, 27 and 28, marked on brass cap

T3SR12E	
S21	S22
S28	S27
1927	

No bearing trees available.
Cor. is 1150 ft. above $\frac{1}{4}$ sec. cor. of secs. 27 and 28.

Land: rolling and mountainous.
Soil: adobe and loam, 3rd and 4th rates.
Timber: none.
Undergrowth: palo verde, mesquite, catclaw, cholla, sahuaro, ocatilla, bayonet, creosote.

N. 89° 56' E., on random line, bet. secs. 22 and 27.
On account of cliffs, triangulate as described in notes of line bet. secs. 27 and 28.
39.75 A point 8 lks. North of point "B" of said triangulation. Thence by chaining, continuing measurement.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Fall 16 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence
N. 89° 57' W., on true line, bet. secs. 22 and 27.
Over mountainous land; through scattering undergrowth.
Desc. 460 ft. over SW. slope.
29.00 Ravine, course S. 30° E.
Asc. 150 ft. over broken SE. slope.
40.01 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

$\frac{1}{4}$ S22
$\frac{1}{4}$ S27
1927

No bearing trees available. Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Asc. slightly over SE. slope.
40.27 Point 4 lks. S. of triangulation point "B", described in foregoing. Discontinue chaining.
43.00 Spur, slopes SE.
Desc. over S. slope.
55.00 (Approx.) Ravine, course SE. Asc. 1200 ft. over E. slope.
80.02 True point for cor. of secs. 21, 22, 27 and 28.

Land: mountainous.
Soil: rocky, adobe, 3rd rate.
Timber: none.
Undergrowth: palo verde, mesquite, catclaw, cholla, creosote, ocatilla, sahuaro, sage.

N. 0° 22' W., on true line, bet. secs. 21 and 22.
0.17 From true point for cor. of secs. 21, 22, 27 and 28, of sec. 21, 22, N. 0° 22' W. on true line, bet. secs. 21 and 22 to point.
Over rough mountainous land; through scattering timber and undergrowth. Measurement by triangulation and traverse hereinbefore described, to
0.17 Thence continue line and measurement, by chaining.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

Asc. 120 ft. over broken cliffs.
 -2.67 Set flag for triangulation of line bet. secs. 21 and 28.
 Desc. along broken cliffs, facing E., near top.
 30.00 Desc. 460 ft. over broken cliffs, facing NE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground, deposit a stone, marked with cross (+)
 at base of post, raise a mound of stone, 4 ft. base,
 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on
 brass cap

$\frac{1}{4}$
 S21 | S22
 1927

No bearing trees available.
 Desc. 140 ft. over NE. slope.
 44.40 Ravine, course E.
 Asc. 410 ft. over S. slope.
 55.00 Spur, slopes E.
 Desc. 220 ft. over N. slope.
 64.35 Small ravine, course E.
 Asc. 105 ft. over S. slope.
 70.00 Ridge, brs. E. and W.
 Desc. 315 ft. over N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in
 the ground, deposit a stone, marked with cross (+) at
 base of post, raise a mound of stone, 3 ft. base, $1\frac{1}{2}$
 ft. high, around post, for cor. of secs. 15, 16, 21 and
 22, marked on brass cap

T3SR12E
 S16 | S15
 S21 | S22
 1927

No bearing trees available.

Land: mountainous.
 Soil: rocky, 4th rate.
 Timber: cedar.
 Undergrowth: palo verde, catclaw, bayonet, ocotilla,
 creosote.

S. 89° 57' E., on random line, bet. secs. 15 and 22.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 80.00 Fall 12 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence
 S. 89° 58' W., on true line, bet. secs. 15 and 22.
 Over mountainous land; through scattering undergrowth.
 Over S. slope.
 4.00 Small ravine, course S.
 Asc. 90 ft. over E. slope.
 8.00 Point of spur, slopes S.
 Desc. 60 ft. over W. slope.
 10.20 Canyon, course SE.
 Asc. 250 ft. over E. slope.
 25.20 Spur, slopes SE.
 Over broken S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground, deposit a stone, marked with cross (+) at
 base of post, raise a mound of stone, 4 ft. base, 2 ft.
 high, around post, for $\frac{1}{4}$ sec. cor., marked on brass
 cap

$\frac{1}{4}$ S15
 S22
 1927

No bearing trees available.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

- Over S. slope.
- 46.60 Short ravine, course S.
- Asc. 305 ft. over SE. slope.
- 55.80 Rocky point, projects S.
- Desc. 280 ft. over SW. slope.
- 70.00 Ravine, course S. 85° E.
- Asc. 35 ft. over N. slope.
- 80.00 The cor. of secs. 15, 16, 21 and 22.

Land: mountainous.
 Soil: adobe, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, hackberry, catclaw, ocotilla,
 cholla, sage, creosote.

- N. 0° 02' W., on true line, bet. secs. 15 and 16.
- Over mountainous land; through scattering undergrowth.
- 0.60 Ravine, course E.
- Asc. 380 ft. over S. slope.
- 24.00 Ridge, brs. N. 70° W. and S. 70° E.
- Desc. 198 ft. over N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on cross (+) on bedrock, raise a mound of stone, 4 ft. base, 2 ft high, around post, for 1/4 sec. cor., marked on brass cap

1
 S16 | S15
 1927

- No bearing trees available.
- Desc. 385 ft. over top of spur, slopes N.
- 56.50 Ravine, course S. 70° E.
- Asc. 243 ft. over S. slope.
- 74.00 Spur, slopes E.
- Desc. 53 ft. over N. slope.
- 78.70 Head of drain, course E.
- Asc. 40 ft. over S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for cor. of secs. 9, 10, 15 and 16, marked on brass cap

T3SR12E
 S9 | S10
 S16 | S15
 1927

No bearing trees available.
 Land: mountainous.
 Soil: adobe and loam, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, ocotilla, cactus, catclaw
 and mesquite.

- N. 89° 58' E., on random line, bet. secs. 10 and 15.
- 40.00 Set temp. 1/4 sec. cor.
- 79.86 Fall 2 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence
 S. 89° 57' W., on true line, bet. secs. 10 and 15.
 Over mountainous land; through scattering timber and undergrowth.

- Asc. 111 ft. over E. slope.
- 5.20 Spur, slopes SE.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

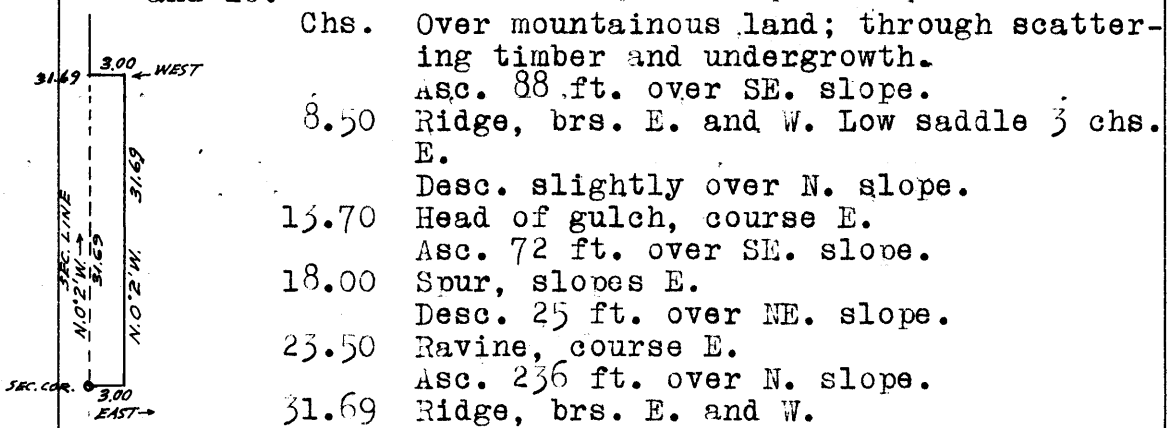
- 17.40 Desc. 99 ft. over SW. slope.
- Gulch, from S. 80° W., course SE
- 26.90 Asc. 185 ft. along S. slope.
- 39.95 Desc. 36 ft. along S. slope.
- Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S10
 $\frac{1}{4}$ S15
 1927

- No bearing trees available.
- 39.96 Gulch, course S. 70° E.
- Asc. 405 ft. over NE. slope.
- 61.70 Top of cliff, faces E. Ridge, brs. N. and SE.
- 62.70 Top of cliff, 100 ft. high, faces W.
- Desc. 381 ft. over W. slope.
- 72.80 Head of gulch, course S.
- Asc. 91 ft. over SE. slope.
- 79.86 The cor. of secs. 9, 10, 15 and 16.

Land: mountainous.
 Soil: adobe and loam, 3rd rate.
 Timber: scrub cedar.
 Undergrowth: palo verde, ocotilla, cactus, catclaw, buck brush, mesquite.

N. 0° 2' W., bet. secs. 9 and 10.
 Over mountainous land, through scattering timber and undergrowth.
 To avoid perpendicular bluffs ahead, offset 3.00 chs. East.
 Thence
 N. 0° 02' W., on offset line, parallel to line bet. secs. 9 and 10.



- 31.69 Thence on true line, bet. secs. 9 and 10, continuing measurement.
- Desc. 134 ft. over N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S9 | S10
 1927.

- No bearing trees available.
- 42.00 Desc. 15 ft. over N. slope.
- Ravine, course E.
- 48.00 Asc. 67 ft. over S. slope.
- Spur, slopes N. 70° E.
- 52.50 Desc. 87 ft. over N. slope.
- Head of drain, course NW.

Survey of Subdivision of Township 3 South, Range 12 East 41

Chains

Asc. 71 ft. over SW. slope.
 59.50 Spur, slopes W.
 Desc. 306 ft. over NW. slope.
 74.00 Gulch, course N.60°E.
 Asc. 41 ft. over S. slope.
 79.50 Foot of limestone dyke, brs. E. and W.
 80.00 True point for cor. of secs. 3, 4, 9 and 10 falls on sloping bedrock, therefore at a point 65 lks. North of true point, set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bedrock, deposit a stone, marked with cross (X) at base of post, raise a mound of stone, 4 ft. base, 1½ ft. high, around post, for witness cor. to cor. of secs. 3, 4, 9 and 10, marked on brass cap

T3SR12E
 S4 | S3

 S9 | S10
 WC
 1927

No bearing trees available.
 Land: mountainous.
 Soil: adobe and caliche, 3rd rate.
 Timber: scrub cedar.
 Undergrowth: palo verde, ocotillo, cactus, catclaw, buck brush, mesquite.

From true point for cor. of secs. 3, 4, 9 and 10.
 N.89°57'E., on random line, bet. secs. 3 and 10.
 40.00 Set temp ¼ sec. cor.
 79.90 Fall 28 lks. N. of the cor. of secs. 2, 3, 10 and 11.

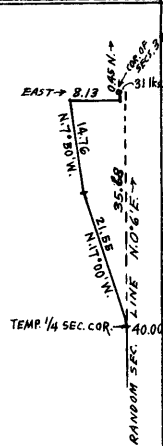
Thence
 N.89°51'W., on true line, bet. secs. 3 and 10.
 Over mountainous land; through scattering timber and undergrowth.
 Desc. 117 ft. over W. slope.
 8.50 Ravine, course S.20°E.
 Asc. 15 ft. over SE. slope.
 10.70 Point of spur, slopes E.
 Desc. 14 ft. over SW. slope.
 14.90 Gulch, from W., course SE.
 Asc. along N. edge of gulch.
 29.90 Gulch, from SW., course W.
 Asc. 352 ft. over broken SE. slope.
 39.95 Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) on bedrock, raise a mound of stone, 5 ft. base, 2½ ft. high, around post, for ¼ sec. cor., marked on brass cap

1/4 S3

 S10
 1927

No bearing trees available.
 Asc. 231 ft. over SE. slope.
 60.40 Ridge, brs. S. and NE.
 Desc. 248 ft. over NW. slope.
 73.30 Gulch, course N.20°E.
 Asc. 80 ft. over broken cliffs, facing SE.
 79.90 The true point for cor. of secs. 3, 4, 9 and 10.
 Land: mountainous.
 Soil: adobe and caliche, 3rd rate.
 Timber: scrub cedar, hackberry.
 Undergrowth: palo verde, mesquite, ocotillo, catclaw, cactus, buck brush.

Survey of Subdivision of Township 3 South, Range 12 East



Chains	Description
40.00	N. 0° 06' E., on random line, bet. secs. 3 and 4. Set temp. 1/4 sec. cor. To avoid high cliffs surrounding a peak ahead, traverse as described as follows: N. 17° 00' W., 21.55 chs. N. 7° 50' W., 14.76 chs. East 8.13 chs. North 0.45 chs. to cor.
75.68	Computing into terms of N. 0° 06' E., at Fall 31 lks. E. of the cor. of secs. 3 and 4, only, on the N. bdy. of the Tp., hereinbefore described.
18.00	Thence, (approx.) S. 0° 08' E., on true line, bet. secs. 3 and 4. Over mountainous land; through scattering undergrowth. Asc. approximately 500 ft. over rugged NE. and N. slopes. (Approx.) Prominent rocky peak, on line.
35.68	Desc. approximately 450 ft. over S. slope. Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, deposit a stone, marked with cross (X) at base of post, raise a mound of stone, 3 ft. base, 1 1/2 ft. high, around post, for 1/4 sec. cor., marked on brass cap
	1 S4 S3 1927
	No bearing trees available. Desc. 185 ft. over S. slope.
39.70	Ravine, course E. Asc. 51 ft. over N. slope.
50.70	Spur, slopes E. Desc. 54 ft. over S. slope.
54.20	Ravine, course E. Asc. 36 ft. over N. slope.
58.90	Spur, slopes E. Desc. 71 ft. over S. slope.
63.20	Dry wash, 30 lks. wide, course E. Asc. 134 ft. over N. slope.
73.50	Point of spur, slopes E.
74.90	Top of bluff, hrs. E. and W.
75.03	Witness cor. for cor. of secs. 3, 4, 9 and 10. (65 lks. North of sec. cor. point.)
75.68	The true point for cor. of secs. 3, 4, 9 and 10.
	Land: mountainous. Soil: rocky, 4th rate. Timber: none. Undergrowth: palo verde, mesquite, catclaw, ocotillo, cactus, bayonet.

	The cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which was established in 1924 by D.R. Averill, U.S. Surveyor and is an iron post, 2 ins. in diam., projecting 6 ins. above a mound of stone, firmly set, properly marked on brass cap. No bearing trees. Thence, N. 0° 02' W., on true line, bet. secs. 32 and 33. Over rolling land; through scattering undergrowth. Asc. 29 ft. over S. slope.
18.70	Spur, slopes W. Desc. 108 ft. over N. slope.
37.10	Gulch, course S. 30° W. Desc. 41 ft. over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, deposit a stone, marked with cross (X) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for 1/4 sec. cor., marked on brass cap

Survey of Subdivision of Township 3 South, Range 12 East

Chains

S32|S33
1927

No bearing trees available.
 Over mountainous land.
 Asc. 376 ft. over S. slope.
 46.00 Malpais blowout, 30 ft. high, on line.
 54.00 Ridge, brs. NW. and SE.
 Desc. 167 ft. over N. slope.
 71.60 Ravine, course W.
 Asc. 107 ft. over S. slope.
 77.20 Slope changes; desc. 32 ft. over N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in
 the ground, deposit a stone, marked with cross (+)
 at base of post, raise a mound of stone, 3 ft. base,
 2 ft. high, around post, for cor. of secs. 28, 29, 32
 and 33, marked on brass cap

T3SR12E
S29|S28
S32|S33
1927

No bearing trees available.
 Land: rolling and mountainous.
 Soil: adobe and loam, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, ocotillo, catclaw, cactus,
 mesquite, creosote.

East on random line, bet. secs. 28 and 33.
 40.00 Set temp. sec. cor.
 79.64 Fall 9 lks. S. of the cor. of secs. 27, 28, 33 and 34.
 Thence
 S. 89° 56' W., on true line, bet. secs. 28 and 33.
 Over mountainous land; through scattering undergrowth.
 Asc. 40 ft. over NE. slope.
 9.00 Spur, slopes S.
 Desc. 38 ft. over W. slope.
 14.50 Dry wash, 20 lks. wide, course SE., from W.
 Asc. bottom of wash.
 18.50 Confluence of ravines from SW. and NW., course E.
 Asc. 157 ft. over E. slope.
 25.00 Spur, slopes S.
 Over S. slope.
 27.50 Gulch, course SE.
 Asc. 272 ft. over E. slope.
 39.82 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground, deposit a stone, marked with cross (+)
 at base of post, raise a mound of stone, 3 ft. base,
 2 ft. high, around post, for sec. cor., marked on
 brass cap

S28
S33
1927

No bearing trees available.
 Asc. 589 ft. over E. slope.
 51.50 Foot of vertical cliff, 70 ft. high, faces E.
 53.00 Ridge, brs. N. and S.
 Desc. 272 ft. over W. slope.
 64.00 Head of ravine, course SW.
 Asc. 94 ft. over E. slope.
 66.10 Spur, slopes S.

Survey of Subdivision of Township 3 South, Range 12 East

Chains	Desc. 263 ft. over W. slope. The cor. of secs. 28, 29, 32 and 33.
79.64	Land: mountainous. Soil: adobe and loam, 3rd rate. Timber: none. Undergrowth: palo verde, ocotillo, cactus, catclaw, buck brush, mesquite.

	N.0°02'W., on true line, bet. secs. 28 and 29. Over mountainous land; through scattering undergrowth.
6.30	Asc. 209 ft. over S. slope. Ridge, brs. E. and W.
21.50	Desc. 305 ft. over N. slope. Head of ravine, course W.
40.00	Asc. 234 ft. over SW. slope. Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap
	¼ S29 S28 1927
	No bearing trees available.
44.10	Asc. 113 ft. over SW. slope. Spur, slopes NW.
76.00	Desc. 257 ft. over N. slope. Dry wash, 20 lks, wide, course SW.
80.00	Over W. slope. Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 1½ ft. high, around post, for cor. of secs. 20, 21, 28 and 29, marked on brass cap
	T3SR12E S20 S21 S29 S28 1927
	No bearing trees available.
	Land: mountainous. Soil: adobe and loam, 3rd rate. Timber: none. Undergrowth: palo verde, ocotilla, cactus, creosote, catclaw, buck brush, mesquite.

40.00	N.89°56'E., on random line, bet. secs. 21 and 28. Set temp. ¼ sec. cor.
79.36	Witness cor. to cor. of secs. 21, 22, 27 and 28 (40 lks. West of sec. cor. point) bears S. 12 lks. dist.
79.76	Fall 12 lks. N. of the true point for cor. of secs. 21, 22, 27 and 28, Thence, N.89°59'W., on true line, bet. secs. 21 and 28. Over mountainous land through scattering undergrowth.
0.40	Desc. 700 ft. over SW. slope. Witness cor. to cor. of secs. 21, 22, 27 and 28. (40 lks. West from true point for cor. of said secs.)
22.00	Head of ravine, course SW. Over S. slope.
33.00	Spur, slopes S.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

39.88 Desc. over SW. slope.
 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 1/2 ft. high, around post, for 1/4 sec. cor., marked on brass cap

1/4 S21
 4 S28
 1927

No bearing trees available.

42.80 Desc. 64 ft. over SW. slope.
 Dry wash, 50 lks. wide, course NW.
 Asc. slightly over NE. slope.
 44.80 Point of low spur, slopes S.
 Desc. 212 ft. over W. slope.
 79.10 Dry wash, 20 lks. wide, course S.
 79.76 The cor. of secs. 20, 21, 28 and 29.

Land: mountainous.
 Soil: adobe, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, ocotilla, cactus, catclaw, buck brush, mesquite, creosote.

N.0°02'W., on true line, bet. secs. 20 and 21.
 Over rolling land; through scattering undergrowth.

0.70 Dry wash, 20 lks. wide, 2 ft. deep, course S.20°E.
 8.50 Dry wash, 20 lks. wide, from N., course S.10°W.
 18.50 Leave same, from NW., course S.
 Asc. 41 ft. over SW. slope.
 28.80 Point of low spur, slopes SW.
 Desc. 10 ft. over NW. slope.
 33.00 Dry wash, 30 lks. wide, 2 ft. deep, course SW.
 Over mountainous land.
 Asc. 125 ft. over S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 2 ft. base, 2 ft. high, around post, for 1/4 sec. cor., marked on brass cap

1/4 S20 | S21
 1927

No bearing trees available.

Asc. 664 ft. over SW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 1/2 ft. high, around post, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

T3SR12E
 S17 | S16
 S20 | S21
 1927

No bearing trees available.

Land: rolling and mountainous.
 Soil: adobe and loam, 2nd and 3rd rates.
 Timber: none.
 Undergrowth: palo verde, ocotilla, cactus, catclaw, corona christa, mesquite, buck brush.

Survey of Subdivision of Township 3 South, Range 12 East

Chains
 40.00 S. 89°59'E., on random line, bet. secs. 16 and 21.
 Set temp $\frac{1}{4}$ sec. cor.
 80.10 Fall 9 lks. N. of the cor. of secs. 15, 16, 21 and 22.
 Thence (random line)
 N. 89°55'W., on true line, bet. secs. 16 and 21.
 Over mountainous land; through scattering undergrowth.
 Over N. slope.
 1.50 Small ravine, course NE.
 Asc. 120 ft. over E. slope.
 12.90 Ridge, divide, brs. NW. and S.
 Desc. 405 ft. over NW. slope.
 39.60 Gulch, course SW.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

S16
 S21
 1927

No bearing trees available.
 Asc. 245 ft. over SE. slope.
 65.50 Spur, slopes S.
 Desc. 108 ft. over SW. slope.
 72.00 Head of ravine, course SE.
 Asc. 254 ft. over SE. slope.
 80.10 The cor. of secs. 16, 17, 20 and 21.

Land: mountainous.
 Soil: adobe, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, ocotilla, cactus, catclaw, mesquite, bayonet, buck brush.

N. 0°02'W., on true line, bet. secs. 16 and 17.
 Over mountainous land; through scattering undergrowth.
 Asc. 310 ft. over SE. slope.
 17.30 Ridge, brs. NE. and SW.
 Desc. 470 ft. over broken NW. slope.
 40.00 True point for $\frac{1}{4}$ sec. cor. falls on smooth sloping bedrock.
 At a point 1.80 chs. N. 5°0'E.,
 Set an iron post, 3 ft. long, 1 in. in diam., 5 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap

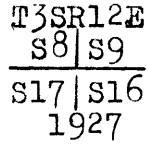
S17 | S16
 WC
 1927

No bearing trees available.
 From true point for $\frac{1}{4}$ sec. cor. continue line and measurement.
 Asc. 40 ft. over S. slope.
 41.80 Spur, slopes W.
 Desc. 130 ft. over NW. slope.
 49.00 Gulch, course W.
 Asc. 172 ft. over broken SW. slope.
 72.00 Short spur, slopes W.
 Desc. 45 ft. over N. slope.
 74.20 Wire fence, brs. E. and W.
 76.00 Small ravine, course W.
 Asc. 50 ft. over S. slope.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

76.40 Small corral, on line..
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap

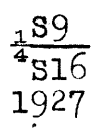


No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land: mountainous.
Soil: adobe and loam, 3rd rate.
Timber: none.
Undergrowth: palo verde, ocatilla, sahuaro, cholla, mescal, mesquite, catclaw, creosote, dogwood, hackberry.

40.00 S. 89° 55' E., on random line, bet. secs. 9 and 16.
Set temp. 1/4 sec. cor..
80.00 Intersect cor. of secs. 9, 10, 15 and 16.

Thence,
N. 89° 55' W., on true line, bet. secs. 9 and 16.
Over mountainous land; through scattering undergrowth.
Asc. 466 ft. over broken E. slope..

15.40 Spur, slopes S.
Desc. 191 ft. over W. slope.
24.50 Head of ravine, course S. 20° E.
Asc. 312 ft. over SE. slope.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 2 ft. high, around post, for 1/4 sec. cor., marked on brass cap



No bearing trees available.
Asc. 54 ft. over SE. slope.

42.40 High ridge, brs. N. and S.
Desc. 165 ft. over W. slope.
46.00 Head of gulch, course S: 80° W.
Desc. 295 ft. over SW. slope.
80.00 The cor. of secs. 8, 9, 16 and 17.

Land: mountainous.
Soil: adobe and loam, 3rd rate.
Timber: none.
Undergrowth: palo verde, mesquite, catclaw, ocatilla, buck brush, cactus.

N. 0° 02' W., on true line, bet. bsecs. 8 and 9.
Over rolling land; through scattering undergrowth.
Asc. 150 ft. over S. slope.

8.00 Low saddle in ridge; ridge brs. E. and W.
Desc. 190 ft. over NE. slope..
18.50 Wire fence, new, brs. E. and W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for 1/4 sec. cor., marked on brass cap



No bearing trees available.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

- Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.
- 48.20 Dry wash, 6 lks. wide, course NE.
- 68.40 Dry wash, 5 lks. wide, course SE.
- asc. 45 ft. over S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for cor. of secs. 4, 5, 8 and 9, marked on brass cap

T3SR12E
 S5 | S4
 S8 | S9
 1927

No bearing trees available.

Land: rolling.
 Soil: adobe and loam, 2nd rate.
 Timber: none.
 Undergrowth: palo verde, catclaw, sage, cactus.

- S. 89° 55' E., on random line, bet. secs. 4 and 9.
- 40.00 Set temp. ¼ sec. cor.
- 80.16 Fall 33 lks. S. of the true point for cor. of secs. 3, 4, 9 and 10.

Thence (from true point).
 S. 89° 51' W., on true line, bet. secs. 4 and 9.
 Over mountainous land; through scattering undergrowth.
 Asc. 56 ft. along S. slope.

- 13.00 Spur, slopes NE.
- Along N. slope.
- 20.40 Top of cliff, brs. NE. and S.
- Desc. 180 ft. over NW. slope.
- 26.00 Dry wash, 40 lks. wide, 2 ft. deep, course NE.
- Asc. 236 ft. over E. slope.
- 32.40 Cliff, 80 ft. high, faces SE.
- 36.60 Point of spur, slopes S.
- Desc. 103 ft. over SW. slope.
- 37.70 Cliff, 50 ft. high, faces W.
- 40.08 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap.

¼ S4
 S9
 1927

- No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Desc. 93 ft. over SW. slope.
- 46.00 Dry wash, 30 lks. wide, 2 ft. deep, course S. 60° E.
- Along S. edge of wash.
- 56.00 Same wash, course NE.
- asc. 201 ft. over SE. slope.
- 71.00 Spur, slopes S.
- Desc. 91 ft. over SW. slope.
- 76.00 Wire fence, brs. N. and S.
- 80.16 The cor. of secs. 4, 5, 8 and 9.

Land: mountainous and rolling-mountainous.
 Soil: adobe, 2nd and 3rd rates.
 Timber: none.
 Undergrowth: palo verde, ocatilla, cactus, buck brush, catclaw, mesquite.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

40.00 N.0°08'W., on random line, bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.

75.92 Fall 20 lks. W. of the cor. of secs. 4 and 5, only, on the N. bdy. of the Tp., hereinbefore described.

Thence (true line)
S.0°01'W., on true line, bet. secs. 4 and 5.
Over mountainous land; through scattering undergrowth.
Desc. 288 ft. over S. slope.

2.30 Cliff, 50 ft. high, faces SW.

6.90 Head of ravine, course W.
Asc. 372 ft. over NW. slope.

21.60 Wire fence, brs. NE. and SW.

30.40 Point of spur, slopes W.
Desc. 52 ft. along W. slope.

35.92 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S5|S4
1927

No bearing trees available.
Cor. stands on ridge, brs. NE. and SW..
Desc. 208 ft. over S. slope.

43.80 Gulch, course E. Saddle in ridge, about 8 chs. W.
Asc. 304 ft. over N. slope.

59.50 Ridge, brs. E. and W.
Desc. 275 ft. over S. slope..

75.92 The cor. of secs. 4, 5, 8 and 9.

Land: rough mountainous.
Soil: adobe and loam, 3rd rate.
Timber: none.
Undergrowth: palo verde, ocotillo, cactus, buck brush, catclaw, mesquite, bayonet.

The witness cor. to cor. of secs. 5, 6, 31 & 32. on S. bdy. of Tp., established at 15 lks. West of cor. point, by R.F. Wilson, U.S.T. in 1924, is an iron post, 2 ins. in diam., projecting 28 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap, and witnessed by a mound of stone W. 120°. The section cor. point is marked by a cross (X) on surface rock. Thence, cor. brs. set, 15 lks. dist.

N.0°03'W., on true line, bet. secs. 31 and 32.
Over rolling land; through scattering undergrowth.

1.50 Dry wash, 40 lks. wide, course S.10°W.; from N.
Asc. bottom of wash.

19.10 Dry wash, 40 lks. wide; from N.10°E.; course S.
Asc. 182 ft. over E. slope.

28.00 Cliff, 40 ft. high, faces S.

30.00 Spur, slopes E.
Desc. 25 ft. along E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S31|S32
1927

No bearing trees available.
Desc. 29 ft. over NE. slope.

43.70 Dry wash, 30 lks. wide, 2 ft. deep, course S.30°E.

Survey of Subdivision of Township 3 South, Range 12 East

Chains					
	Over mountainous land. Asc. 434 ft. over SW. slope.				
74.00	Spur, slopes W. Desc. 129 ft. over N. slope.				
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap				
	<table border="1"> <tr><td>T3SR12E</td></tr> <tr><td>S30 S29</td></tr> <tr><td>S31 S32</td></tr> <tr><td>1927</td></tr> </table>	T3SR12E	S30 S29	S31 S32	1927
T3SR12E					
S30 S29					
S31 S32					
1927					
	No bearing trees available. Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.				
	Land: rolling and mountainous. Soil: adobe and loam, 3rd rate. Timber: none. Undergrowth: palo verde, ocetilla, cactus, catclaw, mesquite, creosote.				

	East, on random line, bet. secs. 29 and 32.				
40.00	Set temp. ¼ sec. cor.				
80.20	Fall 7 lks. N. of the cor. of secs. 28, 29, 32 and 33.				
	Thence N. 89° 57' W., on true line, bet. secs. 29 and 32. Over mountainous land; through scattering undergrowth. Desc. 472 ft. over SW. slope.				
24.90	Dry wash, 90 lks. wide, course, S. Asc. 191 ft. over E. slope.				
40.10	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap				
	<table border="1"> <tr><td>S29</td></tr> <tr><td>¼ S32</td></tr> <tr><td>1927</td></tr> </table>	S29	¼ S32	1927	
S29					
¼ S32					
1927					
	No bearing trees available.				
48.90	Asc. 126 ft. over E. slope. Spur, slopes N. Desc. 141 ft. over NW. slope.				
63.20	Ravine, course NE. Asc. 150 ft. over E. slope.				
67.60	Spur, slopes N. Desc. 312 ft. over NW. slope.				
69.20	Cliff, 50 ft. high, faces W.				
80.20	The cor. of secs. 29, 30, 31 and 32.				
	Land: mountainous. Soil: adobe and loam, rocky, 3rd rate. Timber: none. Undergrowth: palo verde, mesquite, catclaw, ocetilla, cactus, buck brush.				

	West on random line, bet. secs. 30 and 31.				
40.00	Set temp. ¼ sec. cor.				
50.62	Fall 18 lks. S. of the cor. of secs. 30 and 31, only, on the W. bdy. of the Tp., hereinbefore described.				
	Thence S. 89° 48' E., on true line, bet. secs. 30 and 31.				

Survey of Subdivision of Township 3 South, Range 12 East

Chains

Over rolling land; through scattering undergrowth.
Desc. 135 ft. over E. slope.

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

S30
S31
1927

No bearing trees available.

Desc. 33 ft. over E. slope.

14.60 Gulch, course S.10°W.

Asc. 86 ft. over NW. slope.

36.10 Spur, slopes S.

Desc. 33 ft. over E. slope.

49.40 Dry wash, 30 lks. wide, 1 ft. deep, course S.20°W.

Asc. slightly.

50.62 The cor. of secs. 29, 30, 31 and 32.

Land: rolling.

Soil: adobe, rocky, 3rd rate.

Timber: none.

Undergrowth: palo verde, cactus, ocotillo, catclaw, creosote and mesquite.

N.0°03'W., on true line, bet. secs. 29 and 30.

Over mountainous land; through scattering undergrowth.
Over W. slope.

2.70 Dry wash, 40 lks. wide, course SW.

Asc. 89 ft. over S. slope.

7.30 Point of rocky spur, slopes W.

Desc. 69 ft. over N. slope.

15.20 Drain, course SW.

Asc. 222 ft. over SW. slope.

32.40 Saddle, in ridge, brs. E. and W.

Desc. 160 ft. over N. slope.

40.00 Dry wash, 20 lks. wide, course W.

True point for 1/4 sec. cor. falls in wash.

40.15 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 2 ft. high, around post, for witness cor. to 1/4 sec. cor., marked on brass cap

S30 | S29
W C
1927

No bearing trees available.

Asc. over S. slope.

59.00 Spur, slopes E.

Desc. 142 ft. over NE. slope.

79.30 Head of draw, course SE.

Asc. slightly.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 2 ft. high, around post, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

T3SR12E
S19 | S20
S30 | S29
1927

Survey of Subdivision of Township 3 South, Range 12 East

Chains

No bearing trees available.

Land: mountainous.

Soil: adobe, 3rd rate.

Timber: none.

Undergrowth: palo verde, mesquite, catclaw, ocatilla, bayonet, creosote.

S. 89° 57' E., on random line, bet. secs. 20 and 29.

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

80.10 Fall 21 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence

N. 89° 48' W., on true line, bet. secs. 20 and 29.

Over mountainous land; through scattering undergrowth.

Asc. 103 ft. over E. slope.

13.10 Spur, slopes S.

Desc. 85 ft. over W. slope.

20.70 Draw, course SE.

Asc. 441 ft. over E. slope.

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap1S204S29

1927

No bearing trees available.

Asc. 30 ft. over E. slope.

41.00 Ridge, brs. N. and S.

Desc. 427 ft. over NW. slope.

63.30 Gulch, course S. 20° W.

Asc. 268 ft. over E. slope.

72.40 Top of cliff, 50 ft. high, faces E.

73.10 Spur, slopes SE.

Desc. 41 ft. over SW. slope.

80.10 The cor. of secs. 19, 20, 29 and 30.

Land: mountainous.

Soil: adobe, 3rd rate.

Timber: none.

Undergrowth: palo verde, ocatilla, cactus, catclaw, buck brush, mesquite.

N. 89° 48' W., on random line, bet. secs. 19 and 30.

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

50.85 Fall 9 lks. N. of the cor. of secs. 19 and 30, only, on the W. bdy. of the Tp., hereinbefore described.

Thence, (true line)

S. 89° 54' E., on true line, bet. secs. 19 and 30.

Over mountainous land; through scattering undergrowth.

Asc. 210 ft. over W. slope.

10.85 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap1S194S30

1927

No bearing trees available.

Survey of Subdivision of Township 3 South, Range 12 East

Chains	
11.20	Ridge, bears on N and S. Desc. 460 ft. over E. slope.
22.00	Canyon, course S. Asc. 510 ft. over W. slope.
35.50	Rocky spur, slopes SSE. Desc. 335 ft. over E. slope.
50.85	The cor. of secs. 19, 20, 29 and 30.
	Land: rough mountainous. Soil: rocky, 4th rate. Timber: none. Undergrowth: palo verde, catclaw, mesquite, bayonet, cholla, creosote.

	N. 0° 03' W., on true line, bet. secs. 19 and 20. Over mountainous land; through scattering undergrowth. Asc. 430 ft. over S. slope.
22.50	Spur, slopes SW. Over W. slope.
29.50	Spur, slopes W. Desc. 110 ft. over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{c} \frac{1}{4} \\ \text{S19} \text{S20} \\ 1927 \end{array}$
	No bearing trees available. Desc. 200 ft. over N. slope.
51.00	Canyon, course W. Asc. 450 ft. over S. slope.
74.80	Spur, slopes W. Desc. 110 ft. over NW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, supported by a mound of stone, for cor. of secs. 17, 18, 19 and 20, marked on brass cap
	$\begin{array}{c} \text{T3SR12E} \\ \text{S18} \text{S17} \\ \text{S19} \text{S20} \\ 1927 \end{array}$
	No bearing trees available. Land: mountainous. Soil: adobe and loam, 3rd rate. Timber: none. Undergrowth: palo verde, catclaw, cactus, mesquite, bayonet, sage, ocotilla.

40.00	S. 89° 48' E., on random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect the cor. of secs. 16, 17, 20 and 21.
	Thence N. 89° 48' W., on true line, bet. secs. 17 and 20. Over mountainous land; through scattering undergrowth. Asc. 360 ft. over broken SE. slope.
17.10	Ridge, brs. NE. and W. Over top of ridge.
23.30	Ridge, brs. E. and SW. Asc. 230 ft. over NE. slope.
31.00	Top of hill brs. S., 3 chs. dist. Desc. 440 ft. over NW. slope.
49.03	

Survey of Subdivision of Township 3 South, Range 12 East

Chains

40.03 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base; 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S17
 $\frac{4}{4}$ S20
 1927

No bearing trees available.

Asc. 20 ft. over E. slope.
 48.90 Ridge, brs. N.70°W. and S.70°E.
 Desc. 60 ft. over SW. slope.
 58.90 Change of slope; asc. 315 ft. over SE. slope.
 69.10 Ridge, brs. SW. and NE.
 Desc. 536 ft. over W. slope.
 80.06 The cor. of secs. 17, 18, 19 and 20.

Land: mountainous.

Soil: rocky, 4th rate.

Timber: none.

Undergrowth: palo verde, ocatilla, catclaw, bayonet, buck brush, etc.

N.89°54'W., on random line, bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 50.95 Fall 12 lks. S. of the cor. of secs. 18 and 19, only, on the W. bdy. of the Tp., hereinbefore described.

Thence

S.89°46'E., on true line, bet. secs. 18 and 19.
 Over mountainous land; through scattering undergrowth.
 Desc. 160 ft. over NE. slope.
 3.70 Bottom of Martinez Canyon, with stream of water 4 lks. wide, course SSW.
 Asc. 220 ft. over Cliffs, facing W.
 4.00 Road, brs. N. to Silver Bell mine and S. to Florence.
 6.00 Point of rocky spur, slopes NW.
 Desc. 90 ft. over NE. slope.
 10.95 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S18
 $\frac{4}{4}$ S19
 1927

No bearing trees available.

Asc. 620 ft. over broken NW. slope. (to sec. cor.)
 11.20 Cook-house of Silver Bell mine brs. N.8°W., 4.50 chs. dist.
 Bunk-house of same brs. N. 4.40 chs. dist.
 14.55 Office of same brs. N. 4.80 chs.
 15.35 Pump-house of same brs. N., 4.50 chs. dist.
 38.22 U.S. Mineral Monument No. 1 of the Halstead Mining District of Arizona, which is a pine post, 6 ins. square, projecting 2 ft. above a large mound of stone, with scribe marks identifiable but illegible, brs. North, 9.47 chs. dist.
 50.95 The cor. of secs. 17, 18, 19 and 20.

Land: mountainous.

Soil: rocky, 4th rate.

Timber: cottonwood in Martinez Canyon.

Undergrowth: catclaw, buck brush, ocatilla, bayonet, mesquite, creosote.

Survey of Subdivision of Township 3 South, Range 12 East

Chains

N.0°03'W., on true line, bet. secs. 17 and 18.
 Over mountainous land; through scattering undergrowth.
 Desc. 170 ft. over NW. slope.

3.97 Cor. No. 4, (SE.) of the Martinez patented lode mining claim, Mineral Survey No. 799 (Ariz.), which is a wood post, 4 ins. square, projecting 18 ins. above a mound of stone, with no legible marks, brs. West, .67 lks. dist.

4.50 Change of slope; asc. cliffs facing SW. 80 ft.

5.40 Rocky spur, slopes NW.
 Desc. 610 ft. over N. slope.

23.00 Bottom of Martinez Canyon, course S.80°W from N.10°W, joined at this point by bottom of another canyon, from S.80°E. Asc. 280 ft. over SW. slope.

38.00 Spur, from N.10°E., slopes S.10°E.
 Along W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S18 | S17
 1927

No bearing trees available.

Asc. 700 ft. over rocky SW. slope.

79.00 Short spur, slopes N.70°W.
 Along W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for cor. of secs. 7, 8, 17 and 18, marked on brass cap

T3SR12E
 S7 | S8
 S18 | S17
 1927

No bearing trees available.

Land: rough, mountainous.
 Soil: rocky, 4th rate.
 Timber: none.
 Undergrowth: palo verde, catclaw, scrub oak, scrub cedar, ocetilla, bayonet.

S.89°48'E., on random line, bet. secs. 8 and 17.

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

80.20 Intersect the cor. of secs. 8, 9, 16 and 17.

Thence

N.89°48'W., on true line, bet. secs. 8 and 17.
 Over mountainous land; through scattering undergrowth.
 Asc. 30 ft. along S. slope.

5.00 Short spur, slopes SW.
 Desc. 145 ft. over W. slope.

9.30 Canyon, course SSW.
 Asc. 360 ft. over E. slope.

26.00 Spur, slopes SW.
 Desc. 300 ft. over W. slope.

34.50 Ravine, course S.
 Asc. 125 ft. over E. slope.

40.10 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S8
 S17
 1927

Survey of Subdivision of Township 3 South, Range 12 East

Chains

- No bearing trees available.
Asc. 260 ft. over E. slope.
- 50.80 Hill, on spur, slopes S.
Desc. 590 ft. over W. slope.
- 74.20 Head of canyon, course S.30°W.
Asc. 160 ft. over E. slope.
- 79.20 Spur, slopes S.
Desc. slightly.
- 80.20 The cor. of secs. 7, 8, 17 and 18.
- Land: mountainous.
Soil: rocky, 3rd rate.
Timber: none.
Undergrowth: scrub oak, cedar, ocotilla, dogwood,
bayonet, catclaw.
-
- N.89°55'W., on line random for distance, only, toward cor. of secs. 7 and 18, on W. bdy. of the Tp., which is visible.
To obtain measurement across rugged canyon ahead, triangulate as described as follows:
- From cor.,
Measure a base N.0°03'W., 9.60 chs.
From a point ahead on line the N. end of base brs. N.75°56'E.
-
- Dist. triangulated = 38.10 chs.
- 38.10 Triangulation point; commence chaining.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
51.36 Intersect the cor. of secs. 7 and 18, only, on the W. bdy. of the Tp., hereinbefore described.
- Thence,
S.89°55'E., on true line, bet. secs. 7 and 18.
Over mountainous land; through scattering undergrowth.
Desc. 110 ft. over E. slope.
- 5.00 Ravine, course S.
Asc. 90 ft. over W. slope.
- 11.36 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
- 157
4 S18
1927
- No bearing trees available.
Asc. 8 ft. over W. slope.
- 13.26 Triangulation point; by triangulation as shown above.
Ridge, brs. N. and S.
Desc. approximately 550 ft. over SE. slope.
- 14.36 Cor. No. 6 of the "Silver Bell" Quartz Lode, Mineral Survey No. 314, brs. N.46°36'E., 18.46 chs. dist.
Cor. No. 3 was not found.
- 22.07 (Calculated) Intersect the W. side line (3-4 line) of the "Silver Bell" Quartz Lode, Mineral Survey No. 314, at a point 10.48 chs. S.16°45'E. of its cor. No. 3, which could not be found. Over patented land.
- 31.58 (Calculated; intersection impracticable owing to cliffs) Intersect the E. side line (5-6 line) of the "Silver Bell" claim at a point 13.23 chs. S.16°45'E. of its cor. No. 6, which is a wood post 2 x 4 ins., projecting 2' ft. above a mound of stone, with weathered and illegible marks.
- Leave patented land.
- 34.40 (Approx.) Bottom of Martinez Canyon, course SE.
Asc. approximately 600 ft. over W. slope to top.

Survey of Subdivision of Township 3, South, Range 12 East

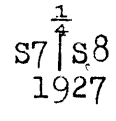
Chains
51.36

The cor. of secs. 7, 8, 17 and 18.

Land: mountainous.
Soil: rocky, 3rd rate.
Timber: none.
Undergrowth: palo verde, ocetilla, bayonet, cactus.

N.0°03'W., on true line, bet. secs. 7 and 8.
Over mountainous land; through scattering undergrowth.
Asc. 52 ft. along W. slope.

- 9.60 Spur, slopes W.
- Desc. 185 ft. over broken NW. slope.
- 27.80 Gulch, wash, 20 lks. wide, course W.
- Over W. slope.
- 38.00 Dry wash, 30 lks. wide, course S.20°W. in bottom of Martinez Canyon.
- Asc. slightly along E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, deposit a stone, marked with cross (+) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap



- No bearing trees available.
- 43.50 Dry wash, 10 lks. wide, course S.3°E.
- Over broken W. slope.
- 57.30 small gulch, course SW.
- Asc. 500 ft. over S. slope.
- 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



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

Land: mountainous.
Soil: adobe and loam, 3rd rate.
Timber: none.
Undergrowth: palo verde, catclaw, ocetilla, bayonet, creosote, cactus.

- S.89°48'E., on a random line, bet. secs. 5 and 8.
- 40.00 Set temp. 1 sec. cor.
- 80.00 Fall 12 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence

N.89°53'W., on true line, bet. secs. 5 and 8.
Over mountainous land; through scattering undergrowth.
Desc. 250 ft. over SW. slope.

- 8.30 Gulch, 5 lks. wide, course S.40°E.
- Asc. 560 ft. over E. slope.
- 35.40 Wire fence, brs. N.30°W. and S.30°E.
- 39.80 Ridge, brs. NW. & SE, forming divide bet. Martinez & Telegraph Canyons
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, supported by a mound of stone, for ¼ sec. cor., marked on brass cap

Chains

$$\frac{1}{4}S5$$

$$\frac{1}{4}S8$$
 1927

- Raise mound of stone, 3 ft. base, 1½ ft. high, N. of cor.
No bearing trees available.
- 54.10 Desc. 470 ft. over W. slope.
Head of Martinez Canyon, course SW.
- 80.00 Asc. 384 ft. over SE. slope.
The cor. of secs. 5, 6, 7 and 8.

Land: mountainous.
Soil: adobe and loam, 3rd rate.
Timber: none.
Undergrowth: palo verde, ocotilla, cactus, catclaw,
bayonet, mesquite.

- 40.00 N. 89° 55' W., on a random line, bet. secs. 6 and 7.
Set temp. ¼ sec. cor.
- 51.76 Fall 16 lks. S. of the cor. of secs. 6 and 7, only, on
the W. bdy. of the Tp., hereinbefore described.

- Thence
S. 89° 44' E., on true line, bet. secs. 6 and 7.
Over mountainous land; through scattering undergrowth.
Over broken N. slope.
- 11.76 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in
the ground, deposit a stone, marked with cross (+) at
base of post, raise a mound of stone, 3 ft. base, 1½
ft. high, around post, for ¼ sec. cor., marked on
brass cap

$$\frac{1}{4}S6$$

$$\frac{1}{4}S7$$
 1927

- No bearing trees available.
Over broken N. slope.
- 20.80 Small ravine, course NW.
Asc. 260 ft. over broken N. slope.
- 32.30 Ridge, brs. NE. and SW.
Over broken S. slope.
- 41.10 Ravine, course SW.
Asc. 230 ft. over W. slope.
- 50.80 Ridge, brs. NE. and SW.; slopes SW. to saddle 2 chs. SW.
Asc. 16 ft. along S. slope.
- 51.76 The cor. of secs. 5, 6, 7 and 8.

Land: mountainous.
Soil: rocky, 4th rate.
Timber: none.
Undergrowth: palo verde, ocotilla, mesquite, catclaw,
bayonet, cactus, sahuaro.

- 40.00 N. 0° 01' E., on random line, bet. secs. 5 and 6.
Set temp. ¼ sec. cor.
- 75.56 Fall 26 lks. W. of the cor. of secs. 5 and 6, only, on
the N. bdy. of the Tp., hereinbefore described.

- Thence
S. 0° 13' W., on true line, bet. secs. 5 and 6.
Over rolling & mountainous land; through scattering under-
growth.
- 1.00 Asc. 15 ft. over NE. slope.
Short spur, slopes E.
- 5.20 Desc. 150 ft. over SE. slope.
Gulch, course NE.

Survey of Subdivision, of Township 5 South, Range 12 East

Chains

- Asc. 260 ft. over NW. slope.
- 19.40 Spur, slopes NE.
Over E. slope.
- 26.40 Wire fence, brs. NW. and SE.
- 26.90 Ridge, brs. NW. and SE.
Over W. slope.
- 35.56 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

$\frac{1}{4}$
S6 | S5
1927

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

- Desc. 65 ft. over S. slope.
- 39.70 Ravine, course W.
- Asc. 130 ft. over NW. slope.
- 49.40 Short spur, slopes W.
- Desc. 110 ft. over S. slope.
- 52.60 Ravine, course W.
- Asc. 357 ft. over broken NW. slope.
- 72.40 Ridge, brs. NE. and SW.; slopes SW.
- 75.56 The cor. of secs. 5, 6, 7 and 8.

Land: mountainous.
 Soil: adobe and loam, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, mesquite, catclaw, ocatilla, cactus, bayonet, scrub oak, dogwood.

FINAL INSTRUMENT TEST

February 20, 1927, At 3^h00^m p.m., app.t., on the meridian described on page 2, hereof, set off 33° 9½' on the lat. arcs, 10° 59½' S. on the decl. arcs, and determine meridians with the solars, which agree within 1' with the true meridian.

February 21, 1927, at 8^h00^m a.m., app.t., with the lat. arcs unchanged; set off 10° 44' S. on the decl. arcs, and determine meridians with the solars, which agree within 1' with the true meridian.

From the above and tests made during the course of the survey, conclude the instruments to have remained in satisfactory adjustment.

GENERAL DESCRIPTION

The township is of a mountainous character, except for a portion of the South end, which is rolling and broken. Nearly all of it lies on a South slope, draining into the Gila river. The divide between the Gila River and Queen Creek drainage systems bearing E. and W. is near the North Boundary. Walnut Creek drains the East portion of the township; Martinez Canyon most of the West.

It has no timber. Its undergrowth is that common to elevations 3,000 ft. above sea-level in Arizona. There is little grass.

There are few inducements for agriculture, the land being everywhere too rough and rocky.

A mineralized belt about 2 miles wide runs into the township through its North-West corner; the ores carry lead, silver and gold.

A mine was in operation in section 18. The township has no other population. It was not possible to ascertain the amount of the normal water supply on account of the heavy rains during the period of the survey.

BOOK 3848

4-680

FIELD ASSISTANTS TO
Otto L. Draper, U.S. Transitman

NAMES.	CAPACITY.
Frank Burgess	First Chainman
Robert Deal	Second Chainman
Louis Burgess	Moundsman
Clarence Gale	Axman
Elza O. Minton	Axman
Pat Easton	Flagman

62
BOOK 3848

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Otto L. Draper, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the ~~U.S.~~ District Cadastral Engineer, for Group 140, Arizona, bearing date of the 25th day of May, 1926, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States ^{re} surveyed all those parts or portions of the West Boundary and surveyed all those parts or portions of the Subdivision lines of

Township 3 South, Range 12 East

of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1, hereof as having been executed by me, and under my direction; and that all the corners of resurvey and survey said ~~survey~~ have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the ~~U.S.~~ District Cadastral Engineer, for Group 140, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and Survey.

Place Phoenix Arizona

Otto L. Draper
U.S. Transitman

Date February 23, 1927

~~APPROVAL:~~

~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~

~~19~~

~~The foregoing field notes of the survey of~~

~~executed by~~

~~under his special instructions dated~~, ~~19~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

~~U. S. Surveyor General~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~

~~has been correctly copied from the original notes on file in this office.~~

~~U. S. Surveyor General~~

NAVY DEPARTMENT

FORM 3848

4-680

FIELD ASSISTANTS.

to Theodore Vander Meer, U.S. Transitman

NAMES.	CAPACITY.
Ben Mollette	First Chainman
Max Hume	Second Chainman
Henry Eaton	Moundsman
Richard Duke	Axman
Ashton S. Cooke	Flagman

CERTIFICATE OF UNITED STATES TRANSITMAN.

64

I, Theodore Vander Meer, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U.S. District Cadastral Engineer, for Group 140, Arizona bearing date of the 26th day of May, 1926, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, resurveyed all those parts or portions of the North Boundary and surveyed all those parts or portions of the Subdivision lines of

TOWNSHIP 3 SOUTH, RANGE 12 EAST

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1, hereof, as having been executed by me, and under my direction; and that all the corners of resurvey and said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U.S. District Cadastral Engineer, for Group 140, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: Phoenix, Arizona
Date: March 31, 1927

Theodore Vander Meer
U.S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SUPERVISOR OF SURVEYS
Denver, Colorado, November 8, 1929.

The foregoing field notes of the resurvey of the West and North Boundaries and of the Survey of the Subdivision lines of

TOWNSHIP 3 SOUTH, RANGE 12 EAST

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

executed by Theodore Vander Meer and Otto L. Draper, U.S. Transitmen under his special instructions dated May 26, 1926, for Group 140, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U.S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.