

3675

ORIGINAL

Book "K"
4-879

BOOK 3675

FIELD NOTES

OF THE RESURVEY OF THE

East boundary,

AND OF THE SURVEY OF THE

South boundary,

North boundary, and

Subdivision lines of

TOWNSHIP 13 SOUTH, RANGE 8 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

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

and

Charles E. Hunter, U.S. Transitman,

In the capacity of U. S. Surveyors, under Special Instructions dated September 25, 1919, issued by the United States Surveyor General to govern surveys included in Group No. 100, Arizona, which were approved by the Commissioner of the General Land Office, October 22, 1919, and Assignment Instructions dated December 1, 1924.

Resurvey and Survey commenced January 9, 1925.

Resurvey and Survey completed February 19, 1925.

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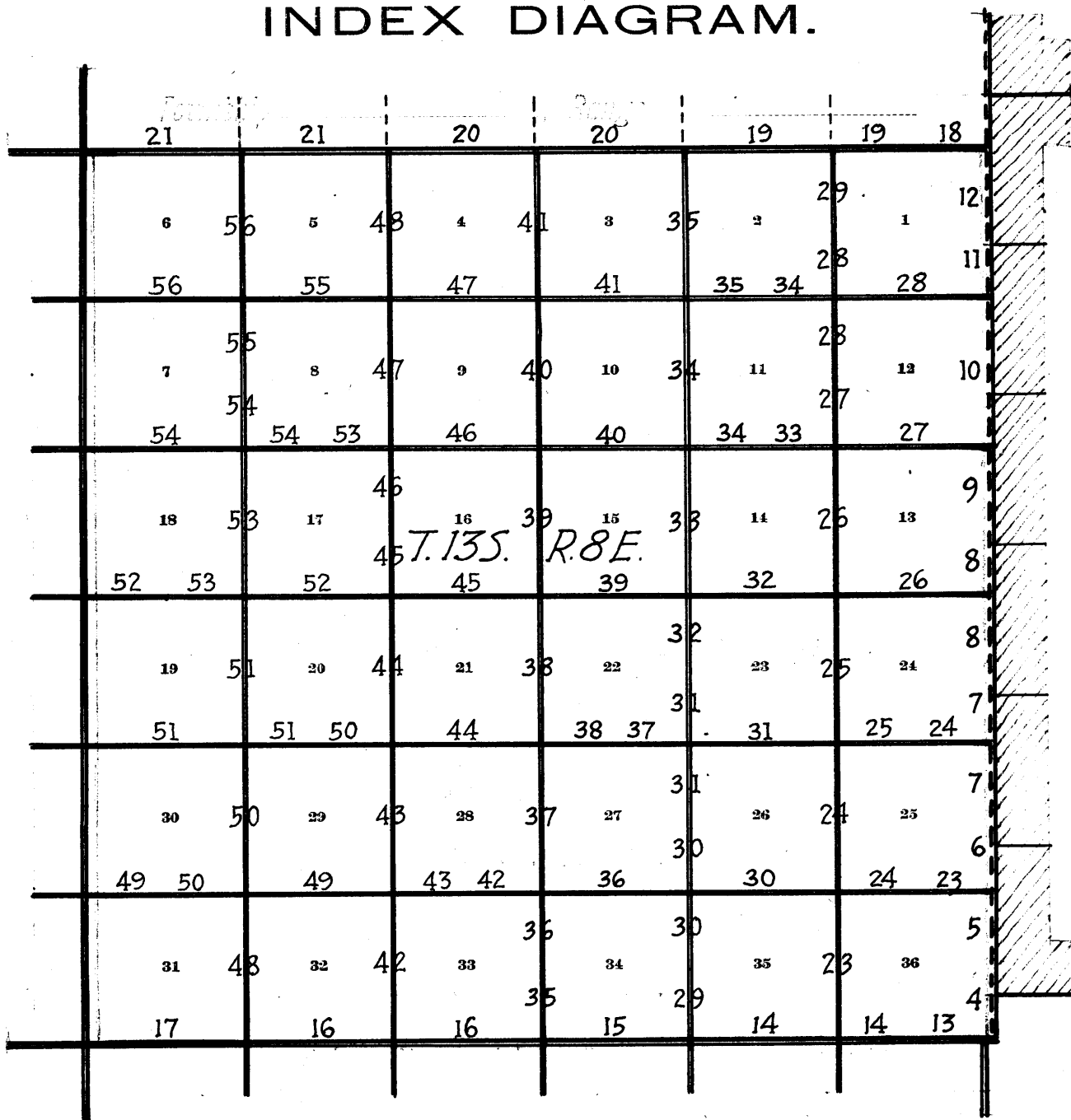
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Book "K"

Group 100-Arizona

BOOK 3675

INDEX DIAGRAM.



-  Lines surveyed under this group.
-  Lines resurveyed under this group.
-  Accepted surveys.
-  Unsurveyed
-  Areas surveyed as per accepted plats on file.

Book "K"

Group 100 - - - Arizona.

Township 13 South, Range 8 East.

DATE DIAGRAM.
1925

For dates of survey of this line, see Book "G"

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- Lines surveyed by William H. Thorn, U.S.C.E., on dates shown thereon.
- Lines resurveyed by William H. Thorn, U.S.C.E., on dates shown thereon.
- Lines surveyed by Charles E. Hunter, U.S.T., on dates shown thereon.

Resurveys and surveys hereinafter described were executed on dates shown on diagram on page 1 hereof, by William H. Thorn, U.S. Cadastral Engineer, and Charles E. Hunter, U.S. Transitman, using respectively, Young and Sons Transit No. 8592, and Buff and Buff transit No. 10125.

FIELD TEST OF YOUNG AND SONS TRANSIT NO. 8592, BY WILLIAM H. THORN, U.S. CADASTRAL ENGINEER.

Examine the adjustment of the instrument, and find no errors; then, to test the solar apparatus by comparing its indications resulting from observations made during a.m. and p.m. hours with a meridian established by Polaris observation, proceed as follows:

January 31, 1925: At camp, in the NE $\frac{1}{4}$ of sec. 1, T. 15 S., R. 9 E., G. and S. R. B. and M., Arizona, in latitude, $32^{\circ}9'13''$ N.; longitude, $111^{\circ}22'39''$ W. at 10 h. 45.8 m. p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, mark the mean point in the line thus determined on a wooden peg driven firmly in the ground 10 chs. N. of the station.

Azimuth of Polaris at western elongation = $1^{\circ}17'28''$.

February 1, 1925: At 8 h. 0 m. a.m., l.m.t., lay off the azimuth of Polaris $1^{\circ}17\frac{1}{2}'$ to the east, and mark the meridian thus determined by a tack in a peg driven firmly in the ground 10 chs. North.

At 9 h. 0 m. a.m., l.m.t., set off $32^{\circ}9'N.$ on the lat. arc; $17^{\circ}4\frac{1}{2}'S.$ on the decl. arc, and determine a meridian with the solar.

At 3 h. 0 m. p.m., l.m.t., set off $32^{\circ}9'N.$ on the lat. arc; $17^{\circ}2'S.$ on the decl. arc, and determine a meridian with the solar.

As the three meridians agree within 1' of arc, conclude that the instrument is in satisfactory adjustment.

FIELD TEST OF BUFF AND BUFF TRANSIT NO. 10125, BY CHARLES E. HUNTER, U. S. TRANSITMAN.

January 4, 1925: Examine the adjustment of the instrument and correct all errors; then, to test the solar apparatus by comparing its indications from observations made during a.m. and p.m. hours with a meridian established by observation on Polaris, Dec. 21, 1924, at camp near center of sec. 13, T. 14 S., R. 7 E., as described in Book "F" of this group, proceed as follows:

Jan. 4, 1925: At 9 h. 0 m. a.m., l.m.t., set off $32^{\circ}12\frac{1}{2}'N.$ on the lat. arc; and $22^{\circ}14'S.$ on the decl. arc, and determine a meridian with the solar.

At app. noon with the lat. arc unchanged, observe the sun on the meridian, obtaining a reading of $22^{\circ}42'S.$ on the decl. arc, which agrees with the computed decl. of the sun.

At 3 h. 0 m. p.m., l.m.t.; set off $32^{\circ}12\frac{1}{2}'N.$ on the lat. arc; and $22^{\circ}40'S.$ on the decl. arc, and determine a meridian with the solar.

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

 Unless otherwise specified all measurements are made with Lufkin steel tapes 5.00 chs. in length, compared with a Lufkin standard steel tape, and found correct. The measurements are made on the slope, the vertical angles determined with clinometer, and the slope measurements properly reduced to true horizontal distances.

Resurvey of the East Boundary of T. 13 S., R. 8 E.

Chains This township boundary was surveyed by J. B. Wright, U. S. S., in 1913, monumenting all the corners thereon with iron posts with brass caps, with a common reference to areas on both sides of the line. No retracement or resurvey of the range line in T. 13 S., is of record.

In view of the fact that the survey of the east boundary of T. 14 S., R. 8 E., as described in book "H" of this group, reestablished the cor. of T. 14 S., Rs. 8 and 9 E., at a point 22.57 chs. S., and 2.20 chs. W. of the original cor. of Ts. 13 and 14 S., Rs. 8 and 9 E., a resurvey of the east boundary of T. 13 S., R. 8 E., is required.

This township boundary is also a part of the boundary of the Papago Indian Reservation, all of T. 13 S., R. 8 E., being within said reservation.

As all of the subdivision lines in T. 13 S., R. 9 E., have been surveyed and accepted, a resurvey of the range line west of said township is dependent upon the alinement between the existing corners thereon. The following notes describe a resurvey of the east boundary of T. 13 S., R. 8 E., reestablishing $\frac{1}{4}$ sec. and sec. cors. referring to areas in said township, only, alternately at intervals of 40.00 chs. in northing counting from the southeast corner of said township, and altering the existing corner monuments in the line to refer to areas E. thereof, only.

Preliminary to said resurvey make retracement of the west boundary of T. 13 S., R. 9 E., to determine the several bearings and distances between the existing corner monuments thereon, upon which the resurvey is dependent.

Retracement for Resurvey.

From original cor. of Ts. 13 and 14 S., Rs. 8 and 9 E., hereinafter described.

39.97 North, on random line on W. bdy. of Sec. 31 ($S. \frac{1}{2}$).
 Fall 6 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, hereinafter described.
 True course and distance of $S. \frac{1}{2}$ of W. bdy. of sec. 31, are, therefore, N. $0^{\circ} 5'$ W., 39.97 chs.

Thence
 39.94 North, on random line on W. bdy. of sec. 31, ($N. \frac{1}{2}$).
 Fall 7 lks. E. of the original cor. of secs. 25, 30, 31 and 36, hereinafter described.
 True course and distance of $N. \frac{1}{2}$ of W. bdy. of sec. 31, are, therefore, N. $0^{\circ} 6'$ W., 39.94 chs.

 40.04 North, on random line on W. bdy. of sec. 30 ($S. \frac{1}{2}$).
 Fall 6 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, hereinafter described.
 True course and distance of $S. \frac{1}{2}$ of W. bdy. of sec. 30 are, therefore, N. $0^{\circ} 5'$ W., 40.04 chs.

Thence
 40.16 North, on a random line on W. bdy. of sec. 30 ($N. \frac{1}{2}$).
 Fall 2 lks. E. of the original cor. of secs. 19, 24, 25 and 30, hereinafter described.
 True course and distance of $N. \frac{1}{2}$ of W. bdy. of sec. 30, are, therefore, N. $0^{\circ} 2'$ W., 40.16 chs.

 40.12 North, on a random line on W. bdy. of sec. 19 ($S. \frac{1}{2}$).
 Fall 10 lks. west of original $\frac{1}{4}$ sec. cor. of secs. 19 and 24 hereinafter described.

Resurvey of the East Boundary of T. 13 S., R. 8 E.

Chains	Retracement for Resurvey, Continued.
	True course and distance of S. $\frac{1}{2}$ of W. bdy. of Sec. 19, are, therefore, N. $0^{\circ} 9'$ E., 40.12 chs.
40.01	Thence North on a random line, on W. bdy. of sec. 19 (N. $\frac{1}{2}$) Fall 6 lks. west of the original sec. cor. of secs. 13, 18, 19 and 24, hereinafter described.
	True course and distance of N. $\frac{1}{2}$ of W. bdy. of sec. 19 are, therefore, N. $0^{\circ} 5'$ E., 40.01 chs.
40.07	North, on a random line on W. bdy. of sec. 18 (S. $\frac{1}{2}$). Intersect original $\frac{1}{4}$ sec. cor. of secs. 13 and 18 hereinafter described.
	True course and distance of S. $\frac{1}{2}$ of W. bdy. of sec. 18 are, therefore, North 40.07 chs.
40.01	Thence North, on a random line on W. bdy. of sec. 18 (N. $\frac{1}{2}$). Fall 4 lks. west of original cor. of secs. 7, 12, 13 and 18, hereinafter described.
	True course and distance of N. $\frac{1}{2}$ of W. bdy. of sec. 18, are, therefore, N. $0^{\circ} 3'$ E., 40.01 chs.
40.02	North, on a random line on W. bdy. of sec. 7 (S. $\frac{1}{2}$). Fall 4 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, hereinafter described.
	True course and distance of S. $\frac{1}{2}$ of W. bdy. of sec. 7, are, therefore, N. $0^{\circ} 3'$ E., 40.02 chs.
39.96	Thence North, on a random line on W. bdy. of sec. 7 (N. $\frac{1}{2}$). Intersect the original cor. of secs. 1, 6, 7 and 12 hereinafter described.
	True course and distance of N. $\frac{1}{2}$ of W. bdy. of sec. 7 are, therefore, North, 39.96 chs.
40.00	North, on a random line on W. bdy. of sec. 6 (S. $\frac{1}{2}$). Intersect original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, hereinafter described.
	True course and distance of S. $\frac{1}{2}$ of W. bdy. of sec. 6 are, therefore, North, 40.00 chs.
39.87	Thence North, on a random line on W. bdy. of sec. 6 (N. $\frac{1}{2}$) Fall 1 lk. west of the original cor. of Ts. 12 and 13 S., Rs. 8 and 9 E., described in Book "L" of this group.
	True course and distance of N. $\frac{1}{2}$ of W. bdy. of sec. 6, are, therefore, N. $0^{\circ} 1'$ E., 39.87 chs.

RESURVEY.

From the reestablished SE. cor. of T. 13 S., R. 8 E., hereinafter described

North, on true line on E. bdy. of sec. 36.

Over gently rolling land, sloping W., thru scattering timber and dense undergrowth.

22.57 Intersect the original cor. of Ts. 13 and 14 S., Rs. 8 and 9 E., which is an iron post, 3 ins. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone properly marked on brass cap, and witnessed by four bearing trees as follows:

- An ironwood, 14 ins. in diam., N. 43° E., 50 lks. dist., marked T 13 S R 9 E S 31 B T.
- A palo verde 8 ins. in diam., S. $8\frac{1}{2}^{\circ}$ E., 36 lks. dist., marked T 14 S R 9 E S 6 B T.
- A palo verde 8 ins. in diam., S. 37° W., 60 lks. dist., marked T 14 S R 8 E S 1 B T, and
- A palo verde, 12 ins. in diam., N. 41° W., 108 lks. dist., marked T 13 S R 8 E S 36 B T.

Alter this cor. monument to refer to Ts. 13 and 14 S., R. 9 E., only, by changing the marking on the brass cap to read

Resurvey of the East Boundary of T. 13 S., R. 8 E.

Chains

T 13 S	
R 8 E	R 9 E
S 36	S 31
	S 6
T 14 S	
1913-25	

and obliterate the marking on the NW. and SW. bearing trees
Thence

N. 0° 5' W., on true line, continuing measurement of E.
bdy. of sec. 36.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground to bed rock supported in a mound of stone
for reestablished $\frac{1}{4}$ sec. cor. of sec. 36, only, with
brass cap marked

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

From which

An ironwood, 6 ins. in diam., brs. S. 14° W., 76 lks.
dist., marked $\frac{1}{4}$ S 36 B T.

Mesquite, 6 ins. in diam., brs. N. 5 $\frac{1}{2}$ ° W., 124 lks.
dist., marked $\frac{1}{4}$ S 36 B T.

Continue over gently rolling land sloping W., thru
scattering timber and dense undergrowth.

40.97 Wash, 50 lks. wide, course W.

50.57 Wash, 10 lks. wide, course W.

62.54 Intersect original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which
is an iron post, 1 in. in diam., projecting 9 ins.
above ground, firmly set, properly marked on brass
cap and witnessed by a mound of stone W. of cor., and
one bearing tree, a palo verde 14 ins. in diam., S.
88° E., 86 lks. dist., marked $\frac{1}{4}$ S 31 B T.

Alter this cor. monument to refer to the quarters of sec.
31, only, by changing the marking on the brass cap
to read

S 31 $\frac{1}{4}$
1913-25

No other bearing trees available.

Destroy the old md. of stone W. of cor., and raise a
new mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high E. of cor.

Thence

N. 0° 6' W., on true line, continuing measurement of
E. bdy. of sec. 36.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
in the ground for reestablished cor. of secs. 25 and
36, only, with brass cap marked

T 13 S	
R 8 E	R 9 E
S 25	S 31
S 36	
1925	

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

Land; gently rolling.

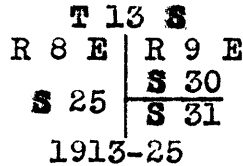
Soil; gravelly and rocky, 3rd rate.

Timber; palo verde, ironwood and mesquite.

Undergrowth; greasewood and cactus.

. Resurvey of the East Boundary of T. 13 S., R. 8 E.

Chains N. 0° 6' W., on true line, on E. bdy. of sec. 25.
 Over gently rolling land, thru scattering timber and dense undergrowth.
 10.04 Enter rolling land, descend 28 ft. over N. slope.
 15.64 Wash, course west. Ascend 59 ft. over S. slope to
 22.48 Intersect the original cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap and witnessed by a md. of stone W. of cor. No bearing trees.
 Alter this cor. monument to refer to secs. 30 and 31, only, by changing the marking on the brass cap to read

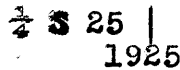


No bearing trees available.
 Destroy the old md. of stone W. of cor., and raise a new mound of stone 2 $\frac{3}{4}$ ft. base, 1 $\frac{1}{2}$ ft. high E. of cor.

Thence
 N. 0° 5' W., on true line, continuing measurement of E. bdy. of sec. 25.

Over rolling land, thru scattering timber and dense undergrowth. Ascend 15 ft. over S. slope.

24.08 Spur slopes W. Desc. 23 ft. over N. slope to
 29.10 Wash, 30 lks. wide, course west. Enter mountainous land. Ascend 120 ft. over S. slope to.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock deposit a stone marked with a cross (X) at base of post and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 25, only, with brass cap marked



No bearing trees available. Ascend 18 ft. over S. slope

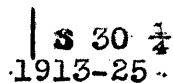
44.48 Spur, slopes west. Desc. 78 ft. over N. slope.
 51.48 Bottom of ravine, 30 lks. wide, course west. Ascend 82 ft. over S. slope to

62.52 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is an iron post, 1 in. in diam., projecting 16 ins. above ground, firmly set in ground and mound of stone properly marked on brass cap and witnessed by two bearing trees:

Palo verde, 8 ins. in diam., N. 35° E., 28 lks. dist., marked $\frac{1}{4}$ S 30 B T., and

Palo verde, 10 ins. in diam., N. 69° W., 69 lks. dist., marked $\frac{1}{4}$ S 25 B T.

Alter this cor. monument to refer to the quarters of sec. 30, only, by changing the marking on the brass cap to read



No other bearing tree E. of line available.
 Change the marking on the old NW. bearing tree to read "B T", only.

Thence
 N. 0° 2' W., on true line, continuing measurement of E. bdy. of sec. 25.

Ascend 16 ft. over S. slope.

64.73 Spur, slopes west. Desc. 122 ft. over N. slope.

Resurvey of the East Boundary of T. 13 S., R. 8 E.

- Chains
 79.70 Bottom of ravine, course west. Enter rolling land.
 Ascend slightly over S. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 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. 24
 and 25, only, with brass cap marked.

T 13 S
 R 8 E
 S 24
 S 25
 1925

No bearing trees available.
 Land; gently rolling, rolling and mountainous.
 Soil; gravelly, 3rd rate.
 Timber; palo verde and ironwood.
 Undergrowth; greasewood and cactus. Scattering giant
 cactus.

- N. 0° 2' W., on true line, on E. bdy. of sec. 24.
 Over rolling land, thru very scattering timber and
 dense undergrowth. Ascend 20 ft. over S. slope.
 1.47 Spur, slopes S. 70° W. Desc. 75 ft. over N. slope.
 12.50 Wash, 20 lks. wide; course W. Ascend 10 ft. over SW.
 slope.
 16.45 Descend 30 ft. over N. slope to
 22.68 Intersect the original cor. of secs. 19, 24, 25 and 30,
 which is an iron post, 3 ins. in diam., projecting
 12 ins. above ground, firmly set, properly marked on
 brass cap and witnessed by four bearing trees:
 Palo verde, 9 ins. in diam., N. 27° E., 109 lks.
 dist., marked T 15 S R 9 E S 19 B T.
 Palo verde, 8 ins. in diam., S. 30° E., 31 lks.
 dist., marked T 13 S R 9 E S 30 B T.
 Palo verde, 9 ins. in diam., S. 21° W., 35 lks.
 dist., marked T 13 S R 8 E S 25 B T.
 Palo verde, 8 ins. in diam., N. 81° W., 45 lks.
 dist., marked T 13 S R 8 E S 24 B T.
 Alter this cor. monument to refer to secs. 19 and 30,
 only, by changing the marking on the brass cap to read.

T 13 S
 R 8 E | R 9 E
 S 24 | S 19
 S 30
 1915-25

- Obliterate the marking on the old NW. and SW. bearing
 trees
 Thence
 N. 0° 9' E., on true line, continuing measurement of E.
 boundary of sec. 24. Descend 10 ft. over N. slope.
 1.65 Wash, 20 lks. wide, course W. Desc. gradually over W.
 slope to
 24.70 Wash, 20 lks. wide, course west. Ascend 48 ft. over S.
 slope.
 35.48 Spur, slopes W. Descend 36 ft. over N. slope to
 40.00 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in
 the ground for reestablished $\frac{1}{2}$ sec. cor. of sec. 24,
 only, with brass cap marked.

Resurvey of the East Boundary of T. 13 S., R. 8 E.

Chains

$\frac{1}{4}$ S 24
1925

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

Desc. 21 ft. over N. slope to

51.20 Wash, course W. Thence over nearly level land, sloping slightly to the west.

62.80 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap and witnessed by two bearing trees:

Palo verde, 10 ins. in diam., N. 17° E., 77 lks. dist., marked $\frac{1}{4}$ S 19 B T.

Palo verde, 14 ins. in diam., N. 1° W., 152 lks. dist., marked $\frac{1}{4}$ S 24 B T.

Alter this cor. monument to refer to the quarters of sec. 19, only, by changing the marking on brass cap to read

S 19 $\frac{1}{4}$
1913-25

Obliterate marking on old NW. bearing tree. No other bearing tree E. of line available.

Raise mound of stone 3 ft. base, 1 $\frac{1}{2}$ ft. high E. of cor. Thence

N. 0° 5' E., on true line, continuing measurement of E. boundary of sec. 24.

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

67.50 Wash, course west. Ascend slightly over S. slope to

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

T 13 S
R 8 E
S 13
S 24

1925

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each SW. and NW. of cor. 3 ft. dist.

Land; rolling and nearly level.

Soil; sandy and gravelly, 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and cactus.

N. 0° 5' E., on true line, on E. bdy. of sec. 13.

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

Asc. slightly over S. slope to

10.00 Enter gently rolling land. Ascend 45 ft. over S. slope to.

22.81 Intersect the original cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap and witnessed by four bearing trees:

Mesquite, 10 ins. in diam., N. 46° E., 48 lks. dist. marked T 13 S R 9 E S 18 B T.

Mesquite, 10 ins. in diam., S. 59° E., 137 lks. dist., marked T 13 S R 9 E S 19 B T.

Palo verde, 9 ins. in diam., S. 66° W., 183 lks. dist., marked T 13 S R 8 E S 24 B T.

Palo verde, 9 ins. in diam., N. 89 $\frac{1}{2}$ ° W., 137 lks. dist., marked T 13 S R 8 E S 13 B T.

Resurvey of the East Boundary of T. 13 S., R. 8 E.

Chains Alter this cor. monument to refer to secs. 18 and 19, only, by changing the marking on the brass cap to read

T 13 S	
R 8 E	R 9 E
S 13	S 18
	S 19
1913-25	

Obliterate the marking on the old NW. and SW. bearing trees.

Thence

North, on true line, continuing measurement of E. bdy. of Sec. 13.

40.00 Over gently rolling land, thru scattering timber and dense undergrowth. Ascend gradually over S. slope to Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post and raise a mound of stone around post for reestablished $\frac{1}{4}$ sec. cor. of sec. 13, only, with brass cap marked

$\frac{1}{4}$ S 13	
1925	

No bearing trees available.

Continue over gently rolling land, thru very scattering timber and dense undergrowth.

62.88 Ascend gradually over S. slope to Intersect the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is an iron post, 1 in. in diam., projecting 26 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap and witnessed by two bearing trees;

Palo verde, 8 ins. in diam., S. 29° E., 17 lks. dist., marked $\frac{1}{4}$ S 18 B T.

Palo verde, 15 ins. in diam., S. 54° W., 47 lks. dist., marked $\frac{1}{4}$ S 13 B T.

Alter this cor. monument to refer to the quarters of sec. 18, only, by changing the marking on the brass cap to read

S 18 $\frac{1}{4}$	
1913-25	

No other bearing tree E. of line is available.

Change the marking on the old SW. bearing tree to read "B T" only.

Thence

N. 0° 5' E., on true line, continuing measurement of E. bdy. of sec. 13.

Over gently rolling land, thru very scattering timber and dense undergrowth.

69.90 Ascend gradually over S. slope. Low ridge, brs. E. and W. Descend gradually over N. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 12 and 13, only, with brass cap marked

T 15 S	
R 8 E	
S 12	
S 13	
1925	

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

Land; nearly level and gently rolling.

Soil; sandy and gravelly, 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and ocotillo.

Resurvey of the East Boundary of T. 13 S., R. 8 E.

- Chains N. 0° 3' E., on true line, on E. bdy. of sec. 12.
Over gently rolling land, thru very scattering timber and dense undergrowth.
Descend gradually over N. slope to
- 22.89 Intersect the original corner of secs. 7, 12, 13 & 18, which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four pits, one each NE., SE., SW. and NW of cor. and a md. of earth W. of cor. No bearing trees. Alter this cor. monument to refer to secs. 7 and 18, only by changing the marking on the brass cap to read

T 13 S	
R 8 E	R 9 E
S 12	S 7
	S 18
1913-25	

- No bearing trees available.
Destroy the md. of earth W. of cor., fill in the NW. and SW. pits and raise a md. of stone 3 ft. base, 2 ft. high E. of cor. Continue line and measurement. Descend gradually over N. slope to
- 30.00 Enter nearly level land bearing E. and W.
32.19 Road, bears N. 60° W., and S. 60° E.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 12 only, with brass cap marked

$\frac{1}{4}$ S 12	
1925	

From which

- Mesquite, 4 ins. in diam., brs. S. 86° E., 27 lks. dist., marked B T.
Mesquite, 6 ins. in diam., brs. S. 32° W., 150 lks. dist., marked $\frac{1}{4}$ S 12 B T.
Continue over nearly level land, thru very scattering timber and dense undergrowth.
- 62.91 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap and witnessed by two bearing trees;
Palo verde, 10 ins. in diam., N. 52° E., 61 lks. dist., marked $\frac{1}{4}$ S 7 B T.
Palo verde, 7 ins. in diam., N. 46° W., 125 lks. dist., marked $\frac{1}{4}$ S 12 B T.
Alter this cor. monument to refer to the quarters of sec. 7, only, by changing marking on brass cap to read

S 7 $\frac{1}{4}$	
1913-25	

- No other bearing tree E. of line is available.
Change marking on old NW. bearing tree to read "B T" only.
Thence
North, on true line, continuing measurement of E. bdy. of sec. 12.
Over nearly level land, thru very scattering timber and dense undergrowth.
- 72.91 Dim road, bears E. and W.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 1 and 12 only, with brass cap marked

Resurvey of the East Boundary of T. 13 S., R. 8 E.

Chains

T 13 S
R 8 E
S 1
S 12

1925

From which

Palo verde, 5 ins. in diam., brs. S. 29 $\frac{1}{2}$ $^{\circ}$ W., 54 lks.

dist., marked T 13 S R 8 E S 12 B T

Palo verde, 8 ins. in diam., brs. N. 42 $^{\circ}$ W., 20 lks.

dist., marked T 13 S R 8 E S 1 B T

Land; gently rolling and nearly level.

Soil; sandy and gravelly, 2nd and 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and ocotillo.

North, on true line, on E. bdy. of sec. 1.

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

9.31 Enter rolling land. Ascend 126 ft. over SW. slope.

9.40 Road bears E. and W.

22.00 Enter mountainous land. Asc. 20 ft. over steep SW. slope to

22.87 Intersect the original cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. in diam., projecting 30 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap and witnessed by four bearing trees:

A palo verde, 6 ins. in diam., N. 69 $^{\circ}$ E., 67 lks. dist., marked T 13 S R 9 E S 6 B T.

A palo verde, 5 ins. in diam., S. 64 $^{\circ}$ E., 163 lks. dist., marked T 13 S R 9 E S 7 B T.

A palo verde, 5 ins. in diam., S. 5 $\frac{1}{2}$ $^{\circ}$ W., 41 lks. dist., marked T 13 S R 8 E S 12 B T.

A palo verde, 6 ins. in diam., N. 44 $^{\circ}$ W., 40 lks. dist., marked T 13 S R 8 E S 1 B T.

Alter this cor. monument to refer to secs. 6 and 7, only, by changing marking on the brass cap to read

T 13 S
R 8 E R 9 E
S 1 S 6
S 1 S 7

1913-25

Obliterate the markings on the old NW. and SW. bearing trees.

Continue line and measurement.

Over mountainous land, thru very scattering timber and dense undergrowth.

Ascend 120 ft. over steep SW. slope.

27.57 Ridge, brs. NW. and SE. Desc. 117 ft. over steep NE. slope to

38.75 Foot of steep slope brs. NW. and SE. Enter rolling land. Desc. gradually over NE. slope to

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

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

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

Resurvey of the East Boundary of T. 13 S., R. 8 E.

Chains Continue over rolling land thru very scattering timber and dense undergrowth. Desc. 20 ft. over NE. slope.
 45.27 Wash, course E. Asc. 24 ft. over S. slope.
 49.25 Spur, slopes East. Desc. 46 ft. over N. slope to
 62.87 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap and witnessed by two bearing trees:
 A palo verde, 6 ins. in diam., N. $4\frac{1}{2}^{\circ}$ E., 60 lks. dist., marked $\frac{1}{4}$ S 6 B T.
 A palo verde, 6 ins. in diam., N. 31° W., 92 lks. dist., marked $\frac{1}{4}$ S 1 B T.
 Alter this cor. monument to refer to the quarters of sec. 6, only, by changing the marking on the brass cap to read

| S 6 $\frac{1}{4}$
 1915-25

No other bearing tree E. of line is available. Change marking on old NW. bearing tree to read "B T" only.

Thence

N. $0^{\circ} 1'$ E., on true line, continuing measurement of E. bdy. of sec. 1.

Over rolling land, thru very scattering timber and dense undergrowth. Descend 14 ft. over N. slope.

66.37 Wash, 20 lks. wide, course E. Enter nearly level land. Ascend slightly over SE. slope to

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of Ts. 12 and 13 S., R. 8 E., only, with brass cap marked

T 12 S
 R 8 E
 S 36
 S 1
 T 13 S

1925

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

Land; nearly level, rolling and mountainous.

Soil; sandy and rocky, 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and ocotillo.

For resurvey of the N. 22.74 chs. of the W. bdy. of sec. 6, T. 13 S., R. 9 E., see notes of Resurvey of Part of E. Bdy. of T. 12 S., R. 8 E., in Book "L" of this group.

Survey of the South Boundary of T. 13 S., R. 8 E.

Chains

The following notes describe the survey of the South Boundary of T. 13 S., R. 8 E., due West, establishing 1/4 sec. and sec. cors. alternately at intervals of 40.00 chains, counting from the NE. cor. of T. 14 S., R. 8 E. All the 1/4 sec. and sec. cors. have a common reference to areas in Ts. 13 and 14 S., R. 8 E.

44.93

From the cor. of Ts. 13 and 14 S., Rs. 7 and 8 E., described in Book "G" of this group, East on random line (85.29 chs. length of line bet. secs. 30 & 31, T. 14 S., R. 8 E., minus 36 lks. convergency)

Set temp. 1/4 sec. cor. of secs. 6 and 31. Continue line and measurement, setting temp. sec. and 1/4 sec. cors. alternately at intervals of 40.00 chs. and at

484.86

Fall 19 lks. N. of temp. cor. of T. 14 S., Rs. 8 and 9 E., set in connection with survey of E. bdy. of T. 14 S., R. 8 E., at 40.00 chs. N. of 1/4 sec. cor. of sec. 1, pending the survey of S. bdy. of T. 13 S., R. 8 E., to establish point of intersection of the two township boundaries.

From this temporary township corner survey random line North and at 22.76 chs. fall 2.20 chs. W. of the original cor. of Ts. 13 and 14 S., Rs. 8 and 9 E., therefore the East bdy. of T. 13 S., R. 8 E., extended S. 22.57 chs. from said original township corner will intersect the south bdy. of same township at 487.06 chs. E. from the cor. of Ts. 13 and 14 S., Rs. 7 and 8 E.

At the point of intersection of the E. and S. bdrs. of T. 13 S., R. 8 E., determined as described above, re-establish the SE. cor. of said township as follows:

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of T. 13 S., R. 8 E., only (SE. cor.) with brass cap marked



S 6
1925

From which

A palo verde, 6 ins. in diam., bears N. 76° W., 102 lks. dist., marked T 13 S R 8 E S 36 B T.

Raise mound of stone 3 ft. base, 2 ft. high NW. of cor. The boundary of the Papago Indian Reservation extends N. and W. from this cor., identical with the township boundaries. All of T. 13 S., R. 8 E., is within said reservation.

Thence

West, on a true line on S. bdy. of sec. 36, along bdy. of Papago Indian Reservation.

Over level land, thru scattering timber and dense undergrowth.

2.20

Intersect the east bdy. of T. 14 S., R. 8 E., surveyed due North. Cor. of T. 14 S., Rs. 8 and 9 E., re-established at this point as described in Book "H" of this group.

From this cor. the boundary of the Papago Indian Reservation extends S., identical with the range line.

Continue line and measurement, in P. I. R.

Survey of the South Boundary of T. 13 S., R. 8 E.

Chains

- 28.60 Wash, 10 lks. wide, course SW.
 42.20 (40.00 chs. west from reestablished cor. of T. 14 S.,
 Rs. 8 and 9 E.)
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

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

From which

- Palo verde, 8 ins. in diam., brs. N. $50\frac{1}{2}^{\circ}$ E., 163
 lks. dist., marked $\frac{1}{4}$ S 36 B T.
 Palo verde, 4 ins. in diam., bears S. $52\frac{1}{2}^{\circ}$ E., 172
 lks. dist., marked $\frac{1}{4}$ S 1 B T.
 Continue over level land, thru scattering timber and
 dense undergrowth.
 82.20 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins.
 in the ground to bed rock, supported in a mound of
 stone, for cor. of secs. 1, 2, 35 and 36, with brass
 cap marked

T 13 S	R 8 E
S 35	S 36
S 2	S 1
T 14 S	
1925	

From which

- Palo verde, 5 ins. in diam., bears N. $32\frac{1}{2}^{\circ}$ E., 126
 lks. dist., marked T 13 S R 8 E S 36 B T.
 Palo verde, 4 ins. in diam., bears S. $43\frac{1}{2}^{\circ}$ E., 194
 lks. dist., marked T 14 S R 8 E S 1 B T.
 Palo verde, 5 ins. in diam., bears S. 46° W., 233 lks.
 dist., marked T 14 S R 8 E S 2 B T.
 Palo verde, 6 ins. in diam., bears N. $34\frac{1}{2}^{\circ}$ W., 255
 lks. dist., marked T 13 S R 8 E S 35 B T.

Land; level.

Soil; sandy and gravelly, 2nd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and catclaw.

West, on a true line, bet. secs. 2 and 35.
 Over level land, thru scattering timber and dense
 undergrowth.

- 25.00 Wash, 20 lks. wide, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.
 in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

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

1924

From which

- Palo verde, 5 ins. in diam., bears N. $77\frac{1}{2}^{\circ}$ E., 154
 lks. dist., marked $\frac{1}{4}$ S 35 B T.
 Palo verde, 5 ins. in diam., bears S. $24\frac{1}{2}^{\circ}$ W., 209
 lks. dist., marked $\frac{1}{4}$ S 2 B T.
 Continue over level land, thru scattering timber and
 dense undergrowth
 53.40 Wash, 10 lks. wide, course NW.
 65.20 Wash, 10 lks. wide, course NW.
 78.50 Wash, 10 lks. wide, course NW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.
 in the ground for cor. of secs. 2, 3, 34 and 35,
 with brass cap marked

Survey of the South Boundary of T. 15 S., R. 8 E.

Chains

T 15 S R 8 E
 S 34 | S 35
 S 3 | S 2
 T 14 S
 1924

From which

- A mesquite, 10 ins. in diam., bears N. 25° E., 194 lks. dist., marked T 13 S R 8 E S 35 B T.
- A mesquite, 8 ins. in diam., bears S. 80° E., 101 lks. dist., marked T 14 S R 8 E S 2 B T.
- A mesquite, 4 ins. in diam., bears S. 25½° W., 122 lks. dist., marked T 14 S R 8 E S 3 B T.
- A mesquite, 4 ins. in diam., bears N. 4½° W., 167 lks. dist., marked T 13 S R 8 E S 34 B T.

Land; level.
 Soil; sandy loam, 2nd rate.
 Timber; mesquite.
 Undergrowth; greasewood, and catclaw.

West, on a true line, bet. secs. 3 and 34.
 Over level land, thru scattering timber and dense undergrowth.

- 20.40 Center of wash, 110 lks. wide, course NW.
- 23.70 Side channel of same wash, 20 lks. wide, course NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap marked

¼ S 34
 S 3
 1924

From which

- Mesquite, 4 ins. in diam., bears N. 46½° E., 45 lks. dist., marked ¼ S 34 B T.
- Mesquite, 6 ins. in diam., bears S. 62½° E., 219 lks. dist., marked ¼ S 3 B T.

Continue over level land, thru scattering timber and dense undergrowth.

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

T 13 S R 8 E
 S 33 | S 34
 S 4 | S 3
 T 14 S
 1924

From which

- A mesquite, 8 ins. in diam., bears N. 29° E., 36 lks. dist., marked T 13 S R 8 E S 34 B T.
- Mesquite, 6 ins. in diam., bears S. 52½° E., 95 lks. dist., marked T 14 S R 8 E S 3 B T.
- Mesquite, 5 ins. in diam., bears S. 6° W., 77 lks. dist., marked T 14 S R 8 E S 4 B T.
- Mesquite, 6 ins. in diam., bears N. 82½° W., 43 lks. dist., marked T 13 S R 8 E S 33 B T.

Land; level.
 Soil; adobe, 2nd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood and catclaw.

Survey of the South Boundary of T. 13 S., R. 8 E.

Chains West, on a true line, bet. secs. 4 and 33.
Over level land, thru scattering timber and dense undergrowth.

24.45 Road, bears N. 20° W., and S. 20° E.

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

1/4 S 33
S 4
1924

From which

Mesquite, 6 ins. in diam., bears N. 75 1/2° W., 118 lks. dist., marked 1/4 S 33 B T.

Mesquite, 4 ins. in diam., bears S. 11 1/2° W., 38 lks. dist., marked 1/4 S 4 B T.

Continue over level land, thru scattering timber and dense undergrowth.

64.00 Wash, 10 lks. wide, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T 13 S R 8 E
S 32 | S 33
S 5 | S 4
T 14 S
1924

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each NE., SE., SW., and NW. of post 3 ft. dist. Land; level.

Soil; adobe, 2nd rate.

Timber; mesquite.

Undergrowth; greasewood and catclaw.

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

Over level land, thru scattering timber and dense undergrowth.

11.70 Wash, 10 lks. wide, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground for 1/4 sec. cor., with brass cap marked

1/4 S 32
S 5
1924

From which

Mesquite, 6 ins. in diam., bears S. 47 3/4° E., 172 lks. dist., marked 1/4 S 5 B T.

Mesquite, 5 ins. in diam., bears N. 67 3/4° W., 55 lks. dist., marked 1/4 S 32 B T.

Continue over level land, thru scattering timber and dense undergrowth.

61.20 Wash, 10 lks. wide, course NW.

75.70 Road, bears NW. and SE.

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

T 13 S R 8 E
S 31 | S 32
S 6 | S 5
T 14 S
1924

Survey of the South Boundary of T. 13 S., R. 8 E.

Chains From which
 Mesquite, 6 ins. in diam., bears N. 69° E., 98 lks.
 dist., marked T 13 S R 8 E S 32 B T.
 Mesquite, 8 ins. in diam., bears S. 63½° E., 130 lks.
 dist., marked T 14 S R 8 E S 5 B T.
 Mesquite, 5 ins. in diam., bears S. 51° W., 257 lks.
 dist., marked T 14 S R 8 E S 6 B T.
 Mesquite, 4 ins. in diam., bears N. 34½° W., 160 lks.
 dist., marked T 13 S R 8 E S 51 B T.

Land; level.

Soil; adobe, 2nd rate.

Timber; mesquite.

Undergrowth; greasewood.

West, on true line, bet. secs. 6 and 31.

Over level land, thru scattering timber and dense undergrowth.

3.90 Wash, 20 lks. wide, course NW.

6.10 Wash, 20 lks. wide, course NW.

40.00 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼ $\frac{S 31}{S 6}$

1924

From which

Mesquite, 10 ins. in diam., bears N. 74½° E., 44 lks.
 dist., marked ¼ S 31 B T.

Mesquite, 8 ins. in diam., bears S. 27½° E., 147 lks.
 dist., marked ¼ S 6 B T.

Continue over level land, thru scattering timber and dense undergrowth.

42.60 Wash, 10 lks. wide, course NW.

46.40 Wash, 10 lks. wide, course NW.

54.40 Wash, 10 lks. wide, course NW.

61.80 Wash, 10 lks. wide, course N.

84.86 Intersect the cor. of Ts. 13 and 14 S., Rs. 7 and 8 E., described in Book "F" of this group. The boundary of the Papago Indian Reservation extends N. and S. thru this cor. identical with the range line, the land to the east of the range line being within the reservation.

Land; level.

Soil; adobe, 2nd rate.

Timber; mesquite.

Undergrowth; greasewood and catclaw.

Survey of the North Boundary of T. 13 S., R. 8 E.

Chains The following notes describe the survey of the N. bdy. of T. 13 S., R. 8 E., monumenting all sec. and $\frac{1}{4}$ sec. cors. thereon with a common reference to areas on both sides of the line.

The cor. of secs. 1, 2, 35 and 36 is established on the township boundary at point where it is intersected by the sectional guide meridian surveyed due North thru T. 13 S., R. 8 E., as hereinafter described.

The $\frac{1}{4}$ sec. cor. of secs. 1 and 36 is established on the township boundary at 40.00 chs. E. from the cor. of secs. 1, 2, 35 and 36, and the remaining cors. are established at 40.00 ch. intervals, counting westerly from said sec. cor.

This method of survey places excess measurement in the E. $\frac{1}{2}$ of line bet. secs. 1 and 36, and W. $\frac{1}{2}$ of line bet. secs. 6 and 31.

From cor. of Ts. 12 and 13 S., Rs. 7 and 8 E., described in Book "G" of this group.

East, on random line.

44.40 (W. $\frac{1}{2}$ of line bet. secs. 6 and 31 on S. bdy. of Tp. minus 46 lks. convergency). Set temp. $\frac{1}{4}$ sec. cor. of secs. 6 and 31. Continue line and measurement, setting temp. sec. and $\frac{1}{4}$ sec. cors. alternately at 40.00 ch. intervals.

404.50 Fall 1 lk. S. of the temp. cor. of secs. 1, 2, 35 and 36, set at 480.00 chs. N. of corresponding sec. cor. on the S. bdy. of Township. Continue line and measurement.

444.50 Set temp. $\frac{1}{4}$ sec. cor. of secs. 1 and 36.

486.71 Fall 15 lks. S. of the reestablished cor. of Ts. 12 and 13 S., R. 8 E., hereinbefore described.

Thence

S. 89° 59' W., on a true line, bet. secs. 1 and 36.

Over level land, thru scattering timber and dense undergrowth. Ascend slightly over SE. slope.

13.27 Desc. slightly over SW. slope.

22.70 Wash, 10 lks. wide, course SW. Desc. slightly over SW. slope to $\frac{1}{4}$ sec. cor.

33.00 Road, bears N. 70° E., and S. 70° W. Extends southeasterly to Tucson.

42.21 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S}{S}$ $\frac{36}{31}$
1925

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

Continue over nearly level land, thru scattering timber and dense undergrowth. Desc. gradually over SW. slope.

56.00 Old prospect hole bears N. 30 lks. dist.

57.90 Wash, 20 lks. wide, course S. Desc. gradually over S. and SW. slopes to sec. cor.

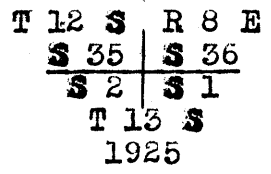
70.34 From this point the E. end center monument of "Cuprite" lode mining claim, M. S. 2612, bears N. 54 lks. dist., which is a pine post, 4 ins. sq., 3 ft. high, firmly set in a mound of stone. Post is marked "E-C T-CC 2612."

73.73 From this point Cor. No. 3 of "Virginia" lode mining claim, Mineral Survey No. 2612, bears North 68 lks. dist., which is a pine post 4 x 6 ins., 3 ft. high,

Survey of the North Boundary of T. 13 S., R. 8 E.

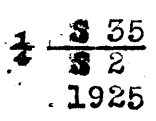
Chains firmly set in a mound of stone. Post is marked "3-2612" on SW. face.

82.21 (Point of intersection with sectional guide meridian, surveyed due North thru T. 15 S., R. 8 E.)
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 2, 35 and 36, with brass cap marked

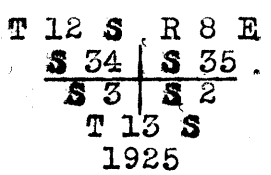


No bearing trees available. Raise mound of stone 3 ft. base 2 ft. high, W. of cor.
Land; nearly level.
Soil; gravelly and rocky, 2nd and 3rd rate.
Timber; palo verde and mesquite.
Undergrowth; greasewood, ocotillo and cactus.

S. 89° 59' W., on a true line, bet. secs. 2 and 35.
Over nearly level land, thru scattering timber and dense undergrowth. Desc. slightly over SW. slope to
2.10 Wash, 20 lks. wide, course SW. Asc. slightly over S. slope to
6.00 Drain, course S. Ascend slightly over E. slope to
10.00 Enter mountainous land. Asc. 255 ft. over steep E. slope.
21.17 U. S. L. M. No. 2612, bears S. 77 lks. dist., which is a pine post, 6 x 6 ins., 4 ft. high above mound of stone 8 ft. base, 5 ft. high, marked U. S. L. M. No. 2612, on NE. face.
21.27 Top of limestone butte, descend 146 ft. over SW. slope.
30.00 Drain, course S., thence over nearly level land.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post and raise a mound of stone around post for 1/4 sec. cor., with brass cap marked



No bearing trees available. Continue over nearly level land, thru scattering timber and dense undergrowth.
59.30 Wash, 20 lks. wide, course S.
60.00 House, brs. South, about 20.00 chs. dist.
64.00 Dim road, brs. N. and S.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 34 and 35, with brass cap marked



No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
Land; nearly level and mountainous.
Soil; gravelly and rocky, 3rd and 4th rate.
Timber; palo verde and mesquite.
Undergrowth; catclaw and ocotillo.

Survey of the North Boundary of T. 13 S., R. 8 E.

- Chains S. 89° 59' W., on a true line, bet. secs. 5 and 34.
Over nearly level land, thru scattering timber and dense undergrowth.
- 2.30 Wash, 30 lks. wide, course S.
 - 2.50 Raise a mound of stone 3 ft. base, 1 ft. high, on line, at this point.
 - 17.50 Drain, course south.
 - 23.30 Wash, 20 lks. wide, course S.
 - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S\ 34}{S\ 3}$
 1925

From which

- Ironwood, 6 ins. in diam., bears S. 34 $\frac{1}{2}$ ° W., 71 lks. dist., marked $\frac{1}{4}$ S 3 B T.
 - Ironwood, 10 ins. in diam., bears N. 78 $\frac{1}{2}$ ° W., 42 lks. dist., marked $\frac{1}{4}$ S 34 B T.
- Continue over nearly level land, thru scattering timber and dense undergrowth.
- 50.00 Center of wash, 300 lks. wide, course SW.
 - 67.00 Wash, 20 lks. wide, course SW.
 - 77.10 Wash, 20 lks. wide, course S.
 - 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T 12 S R 8 E
 $\frac{S\ 33}{S\ 4} \mid \frac{S\ 34}{S\ 3}$
 T 13 S
 1925

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

Land; nearly level.

Soil; sandy and gravelly, 5rd rate.

Timber; palo verde, mesquite and ironwood.

Undergrowth; greasewood, ocotillo and cactus.

- S. 89° 59' W., on a true line, bet. secs. 4 and 33.
Over nearly level land, thru very scattering timber and dense undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S\ 33}{S\ 4}$
 1925

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

Continue over gently rolling land, thru very scattering timber and dense undergrowth.

- 45.70 Wash, 20 lks. wide, course S. 20° W.
- 66.50 Wash, 50 lks. wide, course SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for the cor. of secs. 4, 5, 32 and 33, with brass cap marked

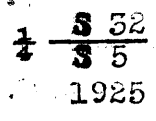
T 12 S R 8 E
 $\frac{S\ 32}{S\ 5} \mid \frac{S\ 33}{S\ 4}$
 T 13 S
 1925

No bearing trees available. Raise a mound of stone

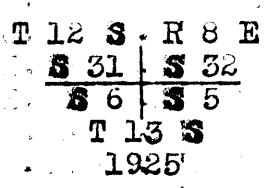
Survey of the North Boundary of T. 13 S., R. 8 E.

Chains 3 ft. base, 1 1/2 ft. high W. of cor.
 Land; nearly level.
 Soil; sandy and gravelly, 3rd rate.
 Timber; palo verde.
 Undergrowth; greasewood, ocotillo, catclaw and cactus.
 Scattering giant cactus.

S. 89° 59' W., on a true line, bet. secs. 5 and 32.
 Over nearly level land, thru very scattering timber and
 dense undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for 1/4 sec. cor., with brass cap marked

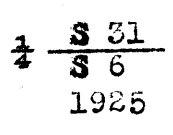


No bearing trees available. Raise mound of stone 3 ft.
 base, 2 ft. high, N. of cor.
 Continue over nearly level land, thru very scattering tim-
 ber and dense undergrowth.
 80.00 Set an iron post, 3 ft. long, .2 ins. in diam., 24 ins.
 in the ground for cor. of secs. 5, 6, 31 and 32,
 with brass cap marked



No bearing trees available. Raise a mound of stone 3
 ft. base, 2 ft. high, W. of cor.
 Land; nearly level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood, catclaw and ocotillo.

S. 89° 59' W., on a true line, bet. secs. 6 and 31,
 Over nearly level land, thru scattering timber and
 dense undergrowth.
 38.00 Road, bears N. and S.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for 1/4 sec. cor., with brass cap marked



From which
 Mesquite, 8 ins. in diam., bears S. 72 1/2° E., 84 lks.
 dist., marked 1/4 S 6 B T.
 Palo verde, 4 ins. in diam., bears N. 24° W., 61 lks.
 dist., marked B T.
 Continue over nearly level land, thru scattering timber
 and undergrowth.
 53.80 Road, bears N. 20° E., and S. 20° W.
 84.50 The cor. of Ts. 12 and 13 S., Rs. 7 and 8 E., described
 in Book "G" of this group.
 The bdy. of the Papago Indian Reservation extends N. &
 S., thru this cor., identical with the range line, the
 land to the E. of said bdy. being within the reserva-
 tion.

Survey of the North Boundary of T. 13 S., R. 8 E.

Chains Land; nearly level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood, ocotillo and cactus.

Boundaries of Township 13 South, Range 8 East.
 Latitudes, Departures and Closing Errors.

Lines designated	True course	Dist- ance	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary	West	487.06				487.06
West Boundary	North	480.00	480.00			
North Boundary	N. 89° 59' E.	486.71	.14		486.71	
East Boundary	S. 0° 1' W.	17.13		17.13		
	South	79.96		79.96		
	S. 0° 3' W.	80.03		80.03		.07
	South	40.07		40.07		
	S. 0° 5' W.	40.01		40.01		.06
	S. 0° 9' W.	40.12		40.12		.11
	S. 0° 2' E.	40.16		40.16	.02	
	S. 0° 5' E.	40.04		40.04	.06	
	S. 0° 6' E.	39.94		39.94	.07	
S. 0° 5' E.	39.97		39.97	.06		
South	22.57		22.57			
Convergency					.47	
Totals			480.14	480.00	487.39	487.30
			480.00		487.30	
Error in latitude			0.14			
Error in departure					0.09	

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains The following notes describe the survey of all the subdivision lines of T. 13 S., R. 8 E. The entire township is within the Papago Indian Reservation.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, hereinbefore described.

Thence

North, on true line, on sectional guide meridian, between secs. 35 and 36.

Over level land, thru scattering timber and undergrowth.

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

S 35		S 36
1925		

From which

An ironwood, 8 ins. in diam., bears S. $30\frac{1}{2}^{\circ}$ E., 47 lks. dist., marked $\frac{1}{4}$ S 36 B T.

Ironwood, 12 ins. in diam., bears S. 8° W., 146 lks. dist., marked $\frac{1}{4}$ S 35 B T.

Continue over level land, thru scattering timber and undergrowth.

42.80 S. edge of wash, brs. N. 80° W., and S. 80° E. Thence across wash, course N. 80° W.

47.10 N. edge of same wash, brs. N. 80° W., and S. 80° E. Leave wash.

63.00 Wash, 20 lks. wide, course west.

79.80 Wash, 10 lks. wide, course west.

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, with brass cap marked

T 13 S. R 8 E	
S 26	S 25
S 35	S 36
1925	

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

Land; level.

Soil; sandy and gravelly, 5rd rate.

Timber; mesquite and palo verde.

Undergrowth; greasewood, atelaw, ocotillo and cactus.

East, on a random line, bet. secs. 25 and 36.

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

82.18 Fall 2 lks. S. of the reestablished cor. of secs. 25 and 36 on the E. bdy. of the township hereinbefore described.

Thence

S. $89^{\circ} 59'$ W., on a true line, bet. secs. 25 and 36.

Over gently rolling land, thru scattering timber and dense undergrowth.

Desc. gradually to $\frac{1}{4}$ sec. cor.

20.18 Wash, 10 lks. wide, course SW.

42.18 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 25
	S 36
1925	

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains From which
 Palo verde, 6 ins. in diam., bears N. 62° W., 83 lks. dist., marked $\frac{1}{4}$ S 25 B T.
 Palo verde, 6 ins. in diam., bears S. 51° E., 73 lks. dist., marked $\frac{1}{4}$ S 36 B T.
 Continue over gently rolling land, thru scattering timber and dense undergrowth. Descend gradually over W. slope to sec. cor.
 82.18 The cor. of secs. 25, 26, 35 and 36.
 Land; gently rolling.
 Soil; sandy and gravelly, 3rd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood, catclaw and ocotillo.

North, on sectional guide meridian, bet. secs. 25 and 26.
 Over gently rolling land, thru very scattering timber and dense undergrowth.
 21.80 Wash, 10 lks. wide, course west.
 29.00 Wash, 10 lks. wide, course N. 70° W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 26 | S 25
 1925

No bearing trees available. Dig pits 18 x 18 x 12 ins., one each N. and S. of post, 3 ft. dist.
 Continue over gently rolling land, thru very scattering timber and dense undergrowth.
 52.90 Wash, 20 lks. wide, course W.
 80.00 Set an iron post, 5 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 24, 25 and 26, with brass cap marked

T 13 S R 8 E
 S 23 | S 24
 S 26 | S 25
 1925

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.
 Land; gently rolling.
 Soil; sandy and gravelly, 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood and ocotillo.

N. 89° 59' E., on a random line, bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 82.28 Fall 3 lks. N. of the reestablished cor. of secs. 24 and 25 on the E. bdy. of the township, hereinbefore described
 Thence
 West, on a true line bet. secs. 24 and 25.
 Over rolling land, thru very scattering timber and dense undergrowth.
 Desc. gradually over S. slope to
 5.29 Spur, slopes S. 70° W. Descend 157 ft. over NW. slope
 21.29 Ascend 35 ft. over NE. slope.
 28.79 Spur, slopes NW. Desc. 109 ft. over W. slope to.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains

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

$$\frac{1}{4} \begin{array}{c} S 24 \\ S 25 \end{array}$$

1925

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

Enter gently rolling land. Desc. gradually over W. slope to

45.99 Wash, 20 lks. wide, course NW. Desc. gradually over NW. slope to sec. cor.

75.29 Wash, 30 lks. wide, course NW.

82.28 The cor. of secs. 23, 24, 25 and 26.

Land; rolling and gently rolling.

Soil; sandy and gravelly, 5rd rate.

Timber; palo verde.

Undergrowth; greasewood and ocotillo.

North, on sectional guide meridian, bet. secs. 23 and 24.

Over gently rolling land, thru very scattering timber and dense undergrowth. Descend gradually over NW. slope to $\frac{1}{4}$ sec. cor.

6.60 Wash, 15 lks. wide, course W.

28.70 Wash, 10 lks. wide, course W.

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

$$\begin{array}{c} \frac{1}{4} \\ S 23 \quad | \quad S 24 \\ 1925 \end{array}$$

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

Continue over gently rolling land, thru very scattering timber and dense undergrowth. Descend gradually over NW. slope to

61.00 Wash, 20 lks. wide, course NW. Thence over nearly level land. Ascend slightly over SW. slope to

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 with brass cap marked

$$\begin{array}{c} T 13 S \quad R 8 E \\ S 14 \quad | \quad S 13 \\ S 23 \quad | \quad S 24 \\ 1925 \end{array}$$

From which

Mesquite, 8 ins. in diam., bears N. $87\frac{1}{2}^{\circ}$ E., 52 lks. dist., marked T 13 S R 8 E S 13 B T.

Mesquite, 8 ins. in diam., bears S. $3^{\circ} 50'$ E., 78 lks. dist., marked T 13 S R 8 E S 24 B T.

Palo verde, 4 ins. in diam., bears S. 9° W., 67 lks. dist., marked T 13 S R 8 E S 23 B T.

Mesquite, 4 ins. in diam., bears N. $8\frac{1}{2}^{\circ}$ W., 44 lks. dist., marked T 13 S R 8 E S 14 B T.

Land; gently rolling and nearly level.

Soil; sandy and gravelly, 2nd and 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and ocotillo.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains East, on a random line, bet. secs. 13 and 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 82.32 Fall 10 lks. S. of the reestablished cor. of secs. 13 and 24 on the east boundary of the township, hereinbefore described.

Thence

S. $89^{\circ} 56'$ W., on a true line, bet. secs. 13 and 24. Over nearly level land, thru very scattering timber and dense undergrowth.

Descend gradually over S. slope to

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

$\frac{1}{4}$ $\frac{S 13}{S 24}$
 1925.

No bearing trees available. Dig pits 18 x 18 x 12 ins., one each E. and W. of post, 3 ft. dist.

Continue over nearly level land, thru very scattering timber and dense undergrowth. Descend gradually over S. and SW. slopes to

82.32 The cor. of secs. 13, 14, 23 and 24.

Land; nearly level.

Soil; sandy loam and gravelly, 2nd and 3rd rate.

Timber; mesquite and palo verde.

Undergrowth; greasewood, catclaw and ocotillo.

North, on sectional guide meridian, bet. secs. 13 and 14.

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

Ascend slightly over SW. slope to

20.00 Foot of ridge, brs. NW. and SE. Enter mountainous land.

Ascend 224 ft. over SW. slope to

36.40 Ridge, brs. NW. and SE., descend 59 feet over NE. 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., with brass cap marked

$\frac{1}{4}$
 S 14 | S 13
 1925

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

Continue over mountainous land, thru very scattering timber and dense undergrowth. Descend 58 ft. over NE. slope.

51.20 Drain, course SE. Ascend 126 ft. over S. slope.

61.40 Ridge, bears E. and W. Descend 60 ft. over N. slope to

69.45 Desc. 18 ft. over W. slope to

73.00 Ascend 28 ft. over SW. slope

77.00 Point of spur, slopes NW. Descend 38 ft. over NW. slope to

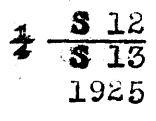
80.00 Set an iron post, 5 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked

T 13 S R 8 E
 S 11 | S 12
 S 14 | S 13
 1925

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

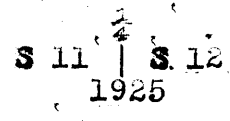
Chains No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land; nearly level, mountainous and rolling.
 Soil; sandy, gravelly and rocky, 2nd and 4th rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood, ocotillo and cactus.
 Scattering giant cactus.

N. 89° 56' E., on a random line, bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 82.32 Fall 9 lks. N. of the reestablished cor. of secs. 12 and 13, on the E. bdy. of the township, hereinbefore described
 Thence
 West, on a true line, bet. secs. 12 and 13.
 Over gently rolling land, thru very scattering timber and dense undergrowth.
 Descend gradually over N. slope to
 34.32 Enter rolling land. Ascend 35 ft. over NE. slope to
 42.32 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Continue over rolling land, thru very scattering timber and dense undergrowth.
 Asc. 5 ft. over NE. slope.
 44.28 Desc. 126 ft. over NW. slope to
 54.32 Drain, course N. Ascend 20 ft. over NE. slope.
 59.00 Desc. 62 ft. over NW. slope.
 72.82 Drain, course N. Ascend 33 ft. over NE. slope.
 80.00 Point of spur slopes North. Descend 16 ft. over NW. slope to
 82.32 The cor. of secs. 11, 12, 13 and 14.
 Land; gently rolling and rolling.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood, ocotillo and catclaw.

North, on sectional guide meridian, bet. secs. 11 and 12.
 Over rolling land, thru scattering timber and dense undergrowth.
 Descend 45 ft. over NW. slope to
 10.00 Wash, course NW. Enter nearly level land. Asc. slightly 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., with brass cap marked



From which
 Mesquite, 8 ins. in diam., bears N. 67° E., 84 lks. dist., marked $\frac{1}{4}$ S 12 B T.
 Mesquite, 8 ins. in diam., bears N. 40° W., 99 lks. dist., marked $\frac{1}{4}$ S 11 B T.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains Continue over nearly level land, thru scattering timber and dense undergrowth.
Ascend slightly over S. and SW. slopes to sec. cor.
47.60 Road, bears E. and W.
51.60 Road, bears N. 70° W., and S. 70° E.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, with brass cap marked

T 13 S R 8 E	
S 2	S 1
S 11	S 12

1925.

From which

Ironwood, 6 ins. in diam., bears N. 80 $\frac{1}{2}$ ° E., 158 lks. dist., marked T 13 S R 8 E S 1 B T.
Palo verde, 6 ins. in diam., bears S. 87° E., 125 lks. dist., marked T 13 S R 8 E S 12 B T.
Palo verde, 6 ins. in diam., bears S. 5° W., 95 lks. dist., marked T 13 S R 8 E S 11 B T.
Ironwood, 4 ins. in diam., bears N. 31 $\frac{1}{2}$ ° W., 98 lks. dist., marked T 13 S R 8 E S 2 B T.

Land; rolling and nearly level.
Soil; sandy and adobe, 2nd rate.
Timber; palo verde and mesquite.
Undergrowth; greasewood and ocotillo.

East, on a random line, bet. secs. 1 and 12.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
82.26 Fall 5 lks. S. of the reestablished cor. of secs. 1 and 12, on the east boundary of the township, hereinbefore described.
Thence
S. 89° 58' W., on a true line, bet. secs. 1 and 12.
Over nearly level land, thru scattering timber and dense undergrowth. Descend slightly over S. slope to $\frac{1}{4}$ sec. cor.
17.26 Drain, course S.
42.26 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1925

From which

Mesquite, 4 ins. in diam., bears N. 59° E., 50 lks. dist., marked $\frac{1}{4}$ S 1 B T.
Mesquite, 4 ins. in diam., bears S. 53° E., 39 lks. dist., marked $\frac{1}{4}$ S 12 B T.

Continue over nearly level land, thru scattering timber and dense undergrowth.
Descend slightly over S. and SW. slopes to sec. cor.
44.26 Dim road, bears N. and S.
56.26 Wash, 20 lks. wide, course south.
82.26 The cor. of secs. 1, 2, 11 and 12.
Land; nearly level.
Soil; sandy and gravelly, 2nd and 3rd rate.
Timber; mesquite and palo verde.
Undergrowth; ocotillo and greasewood.

North, on sectional guide meridian, bet. secs. 1 and 2.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

- Chains Over nearly level land, thru scattering timber and dense undergrowth. Ascend slightly over SW. slope to $\frac{1}{4}$ sec. cor.
- 18.70 Wash, 20 lks. wide, course SW.
- 25.00 Wash, 50 lks. wide, course SW.
- 40.00 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked



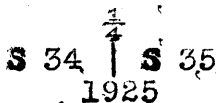
From which
 Ironwood, 5 ins. in diam., bears N. 7° E., 85 lks. dist., marked $\frac{1}{4}$ S 1 B T.
 Mesquite, 8 ins. in diam., bears S. 76° W., 9 lks. dist., marked $\frac{1}{4}$ S 2 B T.

- Descend slightly to
- 40.30 Drain, course SW. Ascend 73 ft. over SW. slope.
- 57.30 Point of low spur, slopes W. Desc. 24 ft. over NW. slope.
- 60.20 Old prospect hole, on line.
- 62.00 Road, brs. E. and W. Extends northwesterly to Silver Bell and southeasterly to Tucson.
- 62.50 Drain, course W. Ascend 47 ft. over S. slope.
- 64.00 Old adobe house, brs. W. about 6.00 cms. dist..
- 77.30 Top of ascent, brs. E. and W. Thence over nearly level land. Asc. slightly over SW. slope to sec. cor.
- 79.00 Dim road, brs. NE. and SW.
- 79.97 Intersect the N. bdy. of the Township. Establish cor. of secs. 1, 2, 35 and 36 at this point of intersection as hereinbefore described in notes of survey of N. boundary of T. 13 S., R. 8 E.

Land; rolling and nearly level.
 Soil; gravelly and rocky clay, 3rd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood and ocotillo.

From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the township, hereinbefore described.
 N. 0° 1' W., bet. secs. 34 and 35.
 Over level land, thru scattering timber and dense undergrowth.

- 11.00 Wash, 20 lks. wide, course W.
- 35.00 S. edge of shallow wash, brs. E. and W. Thence across wash, course W.
- 39.00 N. edge of same wash, brs. E. and W. Leave wash.
- 40.00 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked



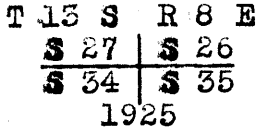
From which
 Mesquite, 5 ins. in diam., brs. S. 45° W., 132 lks. dist., marked $\frac{1}{4}$ S 34 B T.
 Palo verde, 6 ins. in diam., brs. S. 33 $\frac{1}{2}$ ° W., 178 lks. dist., marked $\frac{1}{4}$ S 35 B T.

- Continue over level land, thru scattering timber and dense undergrowth.
- 52.00 Wash, 10 lks. wide, course west.

Survey of the Subdivision Lines of T. 15 S., R. 8 W.

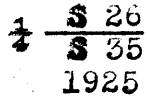
Chains

79.00 Drain 5 lks. wide, course northwest.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with brass cap marked



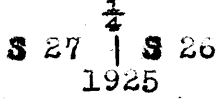
No bearing trees available. Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land; level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood, catclaw, ocotillo and cactus.

40.00 East, on a random line, bet. secs. 26 and 35.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Fall 4 lks. N. of the cor. of secs. 25, 26, 34 and 35.
 Thence
 N. 89° 58' W., on a true line, bet. secs. 26 and 35.
 Over level land, thru scattering timber and dense undergrowth.
 3.74 Wash, 30 lks. wide, course N. 70° W.
 28.34 Wash, 10 lks. wide, course N. 70° W.
 39.97 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor. Continue over level land, thru scattering timber and dense undergrowth.
 69.64 Wash, 30 lks. wide, course N. 70° W.
 79.94 The cor. of secs. 26, 27, 34 and 35.
 Land; level.
 Soil; sandy and gravelly, 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; ocotillo and cholla.

N. 0° 1' W., bet. secs. 26 and 27.
 Over level land, thru scattering timber and dense undergrowth.
 0.70 Drain, 5 lks. wide, course W.
 2.40 Wash, 30 lks. wide, course W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

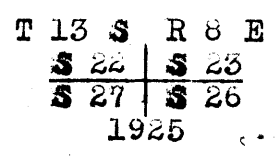


No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Continue over level land, thru scattering timber and dense undergrowth.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

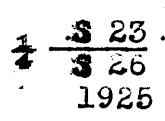
Chains

- 40.75 Wash, 50 lks. wide, course W.
- 70.00 Wash, 50 lks. wide, course W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked.



From which
 Mesquite, 6 ins. in diam., brs. N. 71° E., 43 lks. dist., marked T 13 S R 8 E S 23 B T.
 Mesquite, 5 ins. in diam., brs. N. 31½° W., 61 lks. dist., marked T 13 S R 8 E S 22 B T.
 No other bearing trees available. Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of post, 3 ft. dist.
 Land; level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood and ocotillo.

- 40.00 S. 89° 58' E., on a random line, bet. secs. 23 and 26. Set temp. ¼ sec. cor.
- 79.92 Fall 2 lks. N. of the cor. of secs. 23, 24, 25 and 26. Thence N. 89° 57' W., on a true line, bet. secs. 23 and 26. Over level land, thru scattering timber and dense undergrowth.
- 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., with brass cap marked



From which
 Mesquite, 5 ins. in diam., bears N. 33° E., 66 lks. dist., marked ¼ S 23 B T.
 Palo verde, 10 ins. in diam., bears S. 86° W., 157 lks. dist., marked ¼ S 26 B T.
 Continue over level land, thru scattering timber and dense undergrowth.
 49.92 Wash, 50 lks. wide, course N. 70° W.
 79.92 The cor. of secs. 22, 23, 26 and 27.
 Land; level.
 Soil; sandy and gravelly, 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood, ocotillo and cactus.

- N. 0° 1' W., bet. secs. 22 and 23. Over level land, thru scattering timber and dense undergrowth.
- 22.00 S. edge of wide wash, bears NE. and SW. Thence across wash, course SW., thru very dense undergrowth.
- 37.00 N. edge of wash, brs. NE. and SW. Leave wash and very dense undergrowth. Enter gently rolling land. Continue thru scattering timber and dense undergrowth.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains Asc. gradually 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. with brass cap marked

$\frac{1}{4}$
 S 22 | S 23
 1925

From which

Mesquite, 8 ins. in diam., brs. N. $82\frac{1}{2}^{\circ}$ E., 136 lks. dist., marked $\frac{1}{4}$ S 23 B T.

Palo verde, 8 ins. in diam., bears N. 13° W., 209 lks. dist., marked $\frac{1}{4}$ S 22 B T.

Ascend 20 ft. over S. slope.

45.70 Top of small knoll. Desc. 10 ft. over N. slope to

50.00 Foot of knoll bears E. and W. Enter level land.

72.30 Dim road, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T 13 S R 8 E
 S 15 | S 14
 S 22 | S 23
 1925

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each NE., SE., SW. and NW. of post, 3 ft. dist.

Land; level and gently rolling.

Soil; sandy and gravelly, 2nd and 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood, ocotillo and cactus.

Scattering giant cactus.

40.00 S. $89^{\circ} 57'$ E., on a random line, bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the cor. of secs. 13, 14, 23 and 24.

Thence

N. $89^{\circ} 57'$ W., on a true line, bet. secs. 14 and 23.

Over nearly level land, thru scattering timber and dense undergrowth. Desc. gradually over SW. slope to $\frac{1}{4}$ sec. cor.

17.96 Wash, 5 lks. wide, course SW.

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

$\frac{1}{4}$ S 14
 S 23
 1925

From which

Palo verde, 8 ins. in diam., bears S. $79\frac{1}{2}^{\circ}$ W., 155 lks. dist., marked $\frac{1}{4}$ S 23 B T.

Palo verde, 8 ins. in diam., bears N. 60° W., 101 lks. dist., marked $\frac{1}{4}$ S 14 B T.

Continue over nearly level land, thru scattering timber and dense undergrowth. Desc. gradually over SW. slope to sec. cor.

45.46 Wash, 10 lks. wide, course SW.

79.96 The cor. of secs. 14, 15, 22 and 23.

Land; nearly level.

Soil; sandy and gravelly, 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood, ocotillo and cactus.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

- Chains N. 0° 1' W., bet. secs. 14 and 15.
 Over nearly level land, thru scattering timber and dense undergrowth. Asc. slightly over SW. slope to
- 15.50 Wash, 20 lks. wide, 5 ft. banks, course SW.
- 29.00 Wash, 10 lks. wide, course SW. Enter gently rolling land. Ascend 25 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. with brass cap marked

$\frac{1}{4}$
 S 15 | S 14
 1925

From which

- Palo verde, 6 ins. in diam., bears S. 24 $\frac{1}{2}$ ° E., 39 lks. dist., marked $\frac{1}{4}$ S 14 B T.
- Ironwood, 6 ins. in diam., bears N. 1 $\frac{1}{2}$ ° W., 244 lks. dist., marked $\frac{1}{4}$ S 15 B T.
- Continue over gently rolling land, thru scattering timber and dense undergrowth. Asc. 23 ft. over S. slope.
- 50.00 Low ridge, brs. NE. and SW. Desc. 55 ft. over NW. slope to sec. cor.
- 75.00 Red butte about 100 ft. high, bears W. about 15.00 chs. dist.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, with brass cap marked

T 13 S R 8 E
 S 10 | S 11
 S 15 | S 14
 1925

No bearing trees available. Raise mound of stone, 3 ft. base, 2 ft. high W. of cor.
 Land; nearly level and gently rolling.
 Soil; sandy and gravelly, 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood, ocotillo and cactus.

- S. 89° 57' E., on a random line, bet. secs. 11 and 14.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.06 Fall 9 lks. S. of the cor. of secs. 11, 12, 13 and 14.
 Thence
- S. 89° 59' W., on a true line, bet. secs. 11 and 14.
 Over rolling land, thru scattering timber and dense undergrowth. Descend 28 ft. over NW. slope.
- 3.26 Wash, 10 lks. wide, course N. Ascend 67 ft. over gradual NE. slope to
- 21.60 Enter mountainous land. Ascend 122 ft. over steep NE. slope
- 31.46 Ridge, bears NW. and SE. Descend 45 ft. over Sw. slope to
- 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 11
 S 14

No bearing trees available. Raise a mound of stone 3 ft. base 2 ft. high N. of cor.
 Continue over mountainous land, thru scattering timber and dense undergrowth. Descend 16 feet over S. slope

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains

- 42.06 Low saddle in ridge, bears North, 50 lks. dist.
 45.65 Ascend 69 feet over SE. slope.
 50.53 Same ridge, bears NE. and SW. Descend 115 ft. over steep NW. slope to
 58.07 Thence over rolling land. Descend 129 ft. over gradual NW. slope to
 80.06 The cor. of secs. 10, 11, 14 and 15.
 Land; rolling and mountainous.
 Soil; gravelly and rocky, 3rd and 4th rate.
 Timber; palo verde.
 Undergrowth; greasewood, ocotillo, and cactus.
 Scattering giant cactus.

N. 0° 1' W., bet. secs. 10 and 11.

- Over rolling land, thru scattering timber and dense undergrowth. Descend 19 ft. over NW. slope to
 4.30 Enter nearly level land. Desc. slightly over NW. slope to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

S 10		S 11
1925		

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each N. and S. of post, 3 ft. dist.

Continue over nearly level land, thru scattering timber and dense undergrowth. Descend slightly over NW. slope.

- 44.20 Road, bears NE. and SW.
 56.50 Wash, 30 lks. wide, course S. 70° W. Asc. slightly over SW. slope to.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with brass cap marked

T 13 S		R 8 E
S 3		S 2
S 10		S 11
1925		

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

Land; rolling and nearly level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood, ocotillo and cactus.

- N. 89° 59' E., on a random line, bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect the cor. of secs. 1, 2, 11 and 12.
 Thence
 S. 89° 59' W., on a true line, bet. secs. 2 and 11.
 Over nearly level land, thru scattering timber and dense undergrowth. Desc. slightly over SW. slope to $\frac{1}{4}$ sec. cor.
 10.64 Wash, 30 lks. wide, course S. 20° W.
 21.84 Dim road, bears NW. and SE.
 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

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

$\frac{1}{4} \frac{S 2}{S 11}$
1925

From which
 Mesquite, 6 ins. in diam., bears N. 76° E., 161 lks. dist., marked $\frac{1}{4}$ S 2 B T.
 Mesquite, 6 ins. in diam., bears S. 20° E., 81 lks. dist., marked $\frac{1}{4}$ S 11 B T.
 Continue over nearly level land, thru scattering timber and dense undergrowth. Desc. slightly over SW. slope to sec. corner.

44.34 Road, bears N. 20° W., and S. 20° W.
 45.95 Wash, 40 lks. wide, course SW.
 50.14 J. Ramono's house, bears south about 30. ens. dist.
 80.14 The cor. of secs. 2, 3, 10 and 11.
 Land; nearly level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood, ocotillo and cactus.

N. 0° 1' W., on a random line, bet. secs. 2 and 3.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.05 Intersect the cor. of secs. 2, 3, 34 and 35, on the N. boundary of the township, hereinbefore described.
 Thence
 S. 0° 1' E., on a true line, bet. secs. 2 and 3.
 Over nearly level land, thru scattering timber and dense undergrowth. Descend gradually over SW. slope.

11.75 Wash, 20 lks. wide, course SW.
 26.05 Wash, 5 lks. wide, course SW.
 38.25 Wash, 5 lks. wide, course S. 70° W. Enter rolling land. Asc. 12 ft. over N. slope to:
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$S 3 \mid S 2$
1925

No bearing trees available. Raise a mound of stone. 3 ft. base, 2 ft. high, W. of cor.
 Continue over rolling land, thru scattering timber and dense undergrowth. Ascend 79 ft. over N. slope.

48.15 Spur, slopes NW. Desc. 69 ft. over SW. slope to
 55.05 Foot of descent, brs. NW. and SE. Enter nearly level land. Descend slightly over SW. slope to
 80.05 The cor. of secs. 2, 3, 10 and 11.
 Land; nearly level and rolling.
 Soil; sandy and gravelly, 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood and ocotillo.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the township, hereinbefore described.
 N. 0° 1' W., bet. secs. 33 and 34.
 Over level land, thru scattering timber and dense undergrowth.

37.30 Wash, 20 lks. wide, course NW.
 40.00 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains

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

S 33		S 34
1925		

From which

Mesquite, 6 ins. in diam., bears N. 32° E., 187 lks.
dist., marked $\frac{1}{4}$ S 34 B T.

Mesquite, 6 ins. in diam., bears N. $46\frac{1}{2}^{\circ}$ W., 60 lks.
dist., marked $\frac{1}{4}$ S 33 B T.

Continue over level land, thru scattering timber and
dense undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 27, 28, 33 and 34, with
brass cap marked

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

T 13 S R 8 E	
S 28	S 27
S 33	S 34
1925	

From which

Mesquite, 6 ins. in diam., bears N. $6\frac{1}{2}^{\circ}$ E., 127 lks.
dist., marked T 13 S R 8 E S 27 B T.

Mesquite, 8 ins. in diam., bears S. $16\frac{1}{2}^{\circ}$ E., 100 lks.
dist., marked T 13 S R 8 E S 34 B T.

Mesquite, 8 ins. in diam., bears S. 75° W., 54 lks.
dist., marked T 13 S R 8 E S 33 B T.

Mesquite, 8 ins. in diam., bears N. $51\frac{1}{2}^{\circ}$ W., 87 lks.
dist., marked T 13 S R 8 E S 28 B T.

Land; level.

Soil; adobe and sandy loam, 2nd rate.

Timber; mesquite.

Undergrowth; scrub mesquite, catclaw and greasewood.

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

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

80.04 Fall 2 lks. S. of cor. of secs. 26, 27, 34 and 35.

Thence

S. $89^{\circ} 59'$ W., on a true line, bet. secs. 27 and 34.

Over level land, thru scattering timber and dense under-
growth.

0.64 Wash, 5 lks. wide, course NW.

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

S 27
S 34
1925

From which

Mesquite, 8 ins. in diam., bears S. 9° W., 67 lks.
dist., marked $\frac{1}{4}$ S 34 B T.

Mesquite, 6 ins. in diam., bears N. $52\frac{1}{2}^{\circ}$ W., 101 lks.
dist., marked $\frac{1}{4}$ S 27 B T.

Continue over level land, thru scattering timber and
dense undergrowth.

71.04 Wash, 10 lks. wide, course N. 70° W.

80.04 The cor. of secs. 27, 28, 33 and 34.

Land; level.

Soil; adobe and sandy loam, 2nd rate.

Timber; mesquite and palo verde.

Undergrowth; greasewood and mesquite.

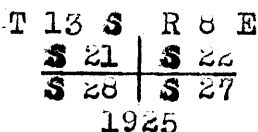
Survey of the Subdivision Lines of T. 13 S., R. 8 E.

- Chains N. 0° 1' W., bet. secs. 27 and 28.
- Over level land, thru scattering timber and dense undergrowth.
- 4.20 Wash, 10 lks. wide, course N. 70° W.
- 30.00 S. or left edge of wide shallow wash, brs. E. and W. Thence thru very dense undergrowth, across wash, course W.
- 39.00 N. or right edge of same wash, brs. E. and W. Leave wash and very dense undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked



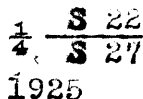
From which
 Mesquite, 8 ins. in diam., bears N. 27 1/2° E., 153 lks. dist., marked 1/4 S 27 B T.
 Mesquite, 6 ins. in diam., bears N. 10° W., 167 lks. dist., marked 1/4 S 28 B T.

- Continue over level land, thru scattering timber and dense undergrowth.
- 54.00 Wash, 20 lks. wide, course west.
- 55.00 Enter rolling land. Ascend 35 ft. over S. slope.
- 67.00 Low ridge, bears NE. and SW. Descend 50 ft. over NW. slope to
- 77.00 Foot of descent, brs. NE. and SW. Enter level land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, with brass cap marked



No bearing trees available. Dig pits 18 x 18 x 12 ins. one each NE., SE., SW. and NW. of post 3 ft. dist.
 Land; level and rolling.
 Soil; adobe and gravelly, 2nd and 3rd rate.
 Timber; mesquite and palo verde
 Undergrowth; greasewood, ocotillo and catclaw.

- N. 89° 59' E., on a random line, bet. secs. 22 and 27.
- 40.00 Set temp. 1/4 sec. cor.
- 80.00 Fall 2 lks. N. of the cor. of secs. 22, 23, 26 and 27. Thence West, on a true line, bet. secs. 22 and 27. Over level land, thru scattering timber and dense undergrowth.
- 13.00 Wash, 20 lks. wide, course SW. Enter gently rolling land. Ascend gradually over SW. slope.
- 20.00 Point of short low spur sloping S. Desc. gradually over SW. slope.
- 37.00 Head of draw, course S. Ascend over SE. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked



From which

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains Palo verde, 8 ins. in diam., bears N. 35° W., 42 lks. dist., marked $\frac{1}{4}$ S 22 B T.
 Palo verde, 4 ins. in diam., bears S. 10° W., 125 lks. dist., marked $\frac{1}{4}$ S 27 B T.
 Continue over gently rolling land, thru scattering timber and dense undergrowth. Ascend gradually over SE. slope.
 60.00 Low ridge, brs. NE. and SW. Desc. 50 ft. over NW. slope to
 75.00 Foot of descent, bears NE. and SW. Enter level land.
 80.00 The cor. of secs. 21, 22, 27 and 28.
 Land; level and gently rolling.
 Soil; adobe and gravelly, 2nd and 3rd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood and ocotillo.

N. 0° 1' W., bet. secs. 21 and 22.
 Over level land, thru scattering timber and dense undergrowth.
 7.00 South or left edge of wash, brs. E. and W. Thence across shallow wash, course W., thru very dense undergrowth.
 11.00 N. or right edge of same wash, brs. E. and W. Leave wash and very dense undergrowth. Continue over level land, thru scattering timber and dense undergrowth.
 40.00 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
 S 21 | S 22
 1925

From which
 Mesquite, 4 ins. in diam., bears N. 17° E., 37 lks. dist., marked $\frac{1}{4}$ S 22 B T.
 Mesquite, 4 ins. in diam., bears S. 52 $\frac{1}{2}$ ° W., 114 lks. dist., marked $\frac{1}{4}$ S 21 B T.
 Continue over level land, thru scattering timber and dense undergrowth.
 61.00 Wash, 10 lks. wide, course W.
 80.00 Set an iron post, 5 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked

T 13 S R 8 E
 S 16 | S 15
 S 21 | S 22
 1925

From which
 Mesquite, 6 ins. in diam., bears N. 60° E., 27 lks. dist., marked T 13 S R 8 E S 15 B T.
 Mesquite, 8 ins. in diam., bears S. 28° E., 261 lks. dist., marked T 13 S R 8 E S 22 B T.
 Mesquite, 8 ins. in diam., bears S. 45° W., 47 lks. dist., marked T 13 S R 8 E S 21 B T.
 Mesquite, 4 ins. in diam., bears N. 33 $\frac{1}{2}$ ° W., 286 lks. dist., marked T 13 S R 8 E S 16 B T.

Land; level.
 Soil; adobe, 2nd rate.
 Timber; mesquite.
 Undergrowth; greasewood, ocotillo, scrub mesquite and cactus.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

- Chains East, on a random line, bet. secs. 15 and 22.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Fall 3 lks. S. of cor. of secs. 14, 15, 22 and 23,
Thence
S. $89^{\circ} 59'$ W., on a true line, bet. secs. 15 and 22.
Over level land, thru scattering timber and dense undergrowth.
- 34.28 Pine post, 2 x 4 ins., projecting 2 ft. above ground, painted white, unmarked, bears North, 18 lks. dist.
- 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ $\frac{S 15}{S 22}$
 1925

From which
 Palo verde, 10 ins. in diam., bears S. $40\frac{1}{2}^{\circ}$ E., 166 lks. dist., marked $\frac{1}{4}$ S 22 B T.
 Palo verde, 12 ins. in diam., bears N. 77° W., 304 lks. dist., marked $\frac{1}{4}$ S 15 B T.
 Continue over level land, thru scattering timber and dense undergrowth.

- 44.58 Wash, 30 lks. wide, course SW.
- 79.98 The cor. of secs. 15, 16, 21 and 22.
Land; level.
Soil; adobe and sandy loam, 2nd rate.
Timber; mesquite and palo verde.
Undergrowth; dense greasewood, ocotillo and cactus.

N. $0^{\circ} 1'$ W., bet. secs. 15 and 16.
Over level land, thru scattering timber and dense undergrowth.

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

$\frac{1}{4}$
 $S 16 \quad | \quad S 15$
 1925

From which
 Mesquite, 5 ins. in diam., bears N. 39° E., 83 lks. dist., marked $\frac{1}{4}$ S 15 B T.
 Mesquite, 6 ins. in diam., bears N. 58° W., 87 lks. dist., marked $\frac{1}{4}$ S 16 B T.
 Continue over level land, thru scattering timber and dense undergrowth.

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

T 13 S R 8 E
 $\frac{S 9 \quad | \quad S 10}{S 16 \quad | \quad S 15}$
 1925

From which
 Palo verde, 6 ins. in diam., bears N. 18° E., 83 lks. dist., marked T 13 S R 8 E S 10 B T.
 Palo verde, 6 ins. in diam., bears S. $63\frac{1}{2}^{\circ}$ E., 119 lks. dist., marked T 13 S R 9 E S 15 B T.
 Palo verde, 6 ins. in diam., bears S. 75° W., 60 lks. dist., marked T 13 S R 8 E S 16 B T.
 Giant cactus, 10 ins. in diam., bears N. $53\frac{1}{2}^{\circ}$ W., 15 lks. dist., cut a cross (X) on SE. side of same.

Survey of the Subdivision Lines of T. 15 S., R. 8 E.

Chains Land; level.
Soil; sandy and gravelly, 2nd and 3rd rate.
Timber; palo verde.
Undergrowth; greasewood and cactus. Scattering giant cactus.

N. 89° 59' E., on a random line, bet. secs. 10 and 15.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Fall 9 lks. N. of the cor. of secs. 10, 11, 14 and 15.
Thence
N. 89° 57' W., on a true line, bet. secs. 10 and 15.
Over rolling land, thru scattering timber and dense undergrowth. Desc. 20 ft. over NW. slope.
8.62 Drain, course N. Enter mountainous land. Ascend 216 ft. over NE. slope.
24.02 Ridge, brs. NW. and SE. Desc. 151 ft. over steep SW. slope to
30.50 Enter rolling land. Descend 69 ft. over SW. slope to
38.50 Foot of descent, brs. NW. and SE. Enter level land.
40.01 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 $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{r} S 10 \\ S 15 \\ 1925 \end{array}$$

No bearing trees available. Continue over level land, thru very scattering timber and dense undergrowth.
80.02 The cor. of secs. 9, 10, 15 and 16.
Land; rolling, mountainous and level.
Soil; sandy, gravelly and rocky, 2nd, 3rd and 4th rate.
Timber; palo verde, and mesquite.
Undergrowth; greasewood and cactus. Scattering giant cactus.

N. 0° 1' W., bet. secs. 9 and 10.
Over level land, thru very scattering timber and dense undergrowth.
1.80 Road, bears NE. and SW.
17.80 Wash, 70 lks. wide, course S. 80° W.
21.00 Wash, 50 lks. wide, course SW.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S 9 \quad | \quad S 10 \\ 1925 \end{array}$$

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each N. and S. of post, 3 ft. dist.
Continue over level land, thru very scattering timber and dense undergrowth.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass cap marked

$$\begin{array}{r} T 13 S R 8 E. \\ S 4 \quad | \quad S 3 \\ S 9 \quad | \quad S 10 \\ 1925 \end{array}$$

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains No bearing trees available. Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of post, 3ft. dist. Land; level. Soil; sandy and gravelly, 2nd and 3rd rate. Timber; palo verde and mesquite. Undergrowth; greasewood and cactus.

40.00 S. 89° 57' E., on a random line, bet. secs. 3 and 10. Set temp. 1/4 sec. cor.

80.00 Fall 2 lks. S. of the cor. of secs. 2, 3, 10 and 11. Thence

N. 89° 58' W., on a true line, bet. secs. 3 and 10. Over nearly level land, thru scattering timber and dense undergrowth.

2.00 Drain, course S.

15.80 Wash, 20 lks. wide, course S. 10° W.

40.00 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap marked

1/4 S 3
S 10
1925

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

Continue over nearly level land, thru scattering timber and dense undergrowth.

41.00 Wash, 50 lks. wide, course SW.

80.00 The cor. of secs. 3, 4, 9 and 10.

Land; nearly level.

Soil; sandy and gravelly, 2nd and 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood, catclaw and ocotillo.

Scattering giant cactus.

40.00 N. 0° 1' W., on a random line, bet. secs. 3 and 4. Set temp. 1/4 sec. cor.

80.00 Fall 12 lks. E. of the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the township hereinbefore described. Thence

S. 0° 6' E., on a true line, bet. secs. 3 and 4.

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

40.00 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. with brass cap marked

S 4 1/4 S 3
1925

From which

Palo verde, 8 ins. in diam., bears N. 82° E., 108 lks. dist., marked 1/4 S 3 B T.

Palo verde, 4 ins. in diam., bears S. 30° W., 54 lks. dist., marked 1/4 S 4 B T.

Continue over nearly level land, thru scattering timber and dense undergrowth.

60.00 Wash, 50 lks. wide, course SW.

80.00 The cor. of secs. 3, 4, 9 and 10.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains Land; nearly level.
Soil; sandy and gravelly, 2nd and 3rd rate.
Timber; palo verde and mesquite.
Undergrowth; greasewood and cactus. Scattering giant cactus.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township, hereinbefore described.

N. $0^{\circ} 2' W.$, bet. secs. 32 and 33.

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

- 5.20 Wash, 20 lks. wide, course NW.
35.00 Wash, 20 lks. wide, course NW.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked.

S 32	↑	S 33
1925		

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each N. and S. of post, 3 ft. dist. Continue over level land, thru scattering timber and dense undergrowth.

- 49.00 Wash, 20 lks. wide, course NW.
60.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with brass cap marked

T 13 S	R 8 E
S 29	S 28
S 32	S 33
1925	

From which

Mesquite, 6 ins. in diam., bears N. $19^{\circ} E.$, 59 lks. dist., marked T 13 S, R 8 E S 28 B T.

Mesquite, 6 ins. in diam., bears S. $29^{\circ} E.$, 34 lks. dist., marked T 13 S R 8 E S 33 B T.

Mesquite, 8 ins. in diam., bears S. $63\frac{1}{2}^{\circ} W.$, 135 lks. dist., marked T 13 S R 8 E S 32 B T.

Mesquite, 14 ins. in diam., bears N. $30\frac{1}{2}^{\circ} W.$, 46 lks. dist., marked T 13 S R 8 E S 29 B T.

Land; level.

Soil; adobe, 2nd rate.

Timber; mesquite,

Undergrowth; greasewood, scrub mesquite and cactus.

East, on a random line, bet. secs. 28 and 33.

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

- 80.00 Intersect the cor. of secs. 27, 28, 33 and 34.

Thence

West, on a true line, bet. secs. 28 and 33.

Over level land, thru scattering timber and dense undergrowth.

- 29.00 Right edge of broad, shallow, wash, brs. NW. and SE. Thence across wash, course NW.

- 38.50 Left edge of same wash, brs. NW. and SE. Leave wash. Continue over-level land.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains
 38.70 Road, brs. N. and S.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S\ 28}{S\ 33}$
 1925

From which
 Mesquite, 6 ins. in diam., bears S. 57° E., 28 lks.
 . dist., marked $\frac{1}{4}$ S 33 B T.
 Mesquite, 10 ins. in diam., bears N. 37° W., 31 lks.
 dist., marked $\frac{1}{4}$ S 28 B T.
 Continue over level land, thru scattering timber and dense
 undergrowth.

58.00 Dim road, bears N. and S.
 80.00 The cor. of secs. 28, 29, 32 and 33.
 Land; level.
 Soil; adobe, 2nd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood, scrub mesquite and cactus.

N. 0° 2' W., bet. secs. 28 and 29.
 Over level land, thru scattering timber and dense under-
 growth.

17.00 S. or left edge of wash, brs. N. 70° W., and S. 70° E.
 Thence, thru very dense undergrowth, in wide shallow
 wash, course N. 70° W.

26.00 N. or right edge of same wash, brs. N. 70° W., and S. 70°
 E. Leave wash and very dense undergrowth. Continue
 over level land, thru scattering timber and dense
 undergrowth.

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

$\frac{S\ 29}{S\ 28}$
 1925

No bearing trees available. Dig pits 18 x 18 x 12 ins.
 N. and S. of cor. 3 ft. dist.
 Continue over level land, thru scattering timber and
 dense undergrowth.

43.00 S. or left edge of wash, brs. E. and W. Thence thru
 very dense undergrowth in wide shallow wash, course W.

55.00 N. or right edge of same wash, brs. E. and W. Leave
 wash and very dense undergrowth. Continue over level
 land, thru scattering timber and dense undergrowth.

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

T 13 S R 8 E
 $\frac{S\ 20}{S\ 29}$ | $\frac{S\ 21}{S\ 28}$
 1925

From which
 Mesquite, 5 ins. in diam., bears N. 24° W., 91 lks.
 dist., marked T 13 S R 8 E S 21 B T.
 Mesquite, 4 ins. in diam., bears S. 83 $\frac{1}{2}$ ° E., 105 lks.
 dist., marked T 13 S R 8 E S 28 B T.
 Mesquite, 6 ins. in diam., bears S. 27° W., 164 lks.
 dist., marked T 13 S R 8 E S 29 B T.
 Mesquite, 6 ins. in diam., bears N. 43° W., 29 lks.
 dist., marked T 13 S R 8 E S 20 B T.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

- Chains Land; level.
Soil; adobe, 2nd rate.
Timber; mesquite.
Undergrowth; scrub mesquite and greasewood.
-
- East, on a random line, bet. secs. 21 and 28.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.04 Fall 4 lks. S. of the cor. of secs. 21, 22, 27 and 28.
Thence
S. $89^{\circ} 58'$ W., on a true line, bet. secs. 21 and 28.
Over level land, thru scattering timber and dense undergrowth.
27.04 South or left edge of wash, brs. N. 70° E., and S. 85° W. Thence thru very dense undergrowth along S. side of wide shallow wash, course S. 85° W.
35.04 Same edge of wash, brs. N. 70° W., and S. 85° E. Leave wash and very dense undergrowth. Continue over level land, thru scattering timber and dense undergrowth.
35.24 Road, bears N. and S.
40.02 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ $\frac{S 21}{S 28}$
1925
- No bearing trees available. Dig pits 18 x 18 x 12 ins. one each E. and W. of post, 3 ft. dist.
Continue over level land, thru scattering timber and dense undergrowth.
80.04 The cor. of secs. 20, 21, 28 and 29.
Land; level.
Soil; adobe, 2nd rate.
Timber; mesquite and palo verde.
Undergrowth; scrub mesquite, greasewood and cactus.
Scattering giant cactus.
-
- N. $0^{\circ} 2'$ W., bet. secs: 20 and 21.
Over level land, thru scattering timber and dense undergrowth.
1.00 S. or left edge of wash, brs: N. 85° E., and S. 85° W. Thence thru very dense undergrowth, across wide shallow wash, course S. 85° W.
10.00 N. or right edge of same wash, brs. N. 85° E., and S. 85° W. Leave wash and very dense undergrowth. Continue over level land, thru scattering timber and dense undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
S 20 | S 21
1925
- No bearing trees available. Dig pits 18 x 18 x 12 ins. one each N. and S. of post, 3 ft. dist.
Continue over level land, thru scattering timber and dense undergrowth.
44.60 Dim. road, bears NE. and SW.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.

Survey of the Subdivision Lines of T. 15 S., R. 8 E.

Chains

in the ground for cor. of secs. 16, 17, 20 and 21, with brass cap marked

T 15 S R 8 E	
S 17	S 16
S 20	S 21
1925	

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each NE., SE., SW. and NW. of post, 5 ft. dist. Land; level.
 Soil; adobe, sandy loam, 2nd rate.
 Timber; mesquite and palo verde.
 Undergrowth; scrub mesquite, greasewood and cactus.

40.00 N. 89° 58' E., on a random line, bet. secs. 16 and 21. Set temp. 1/4 sec. cor.

80.10 Intersect the cor. of secs. 15, 16, 21 and 22.

Thence

S. 89° 58' W., on a true line, bet. secs. 16 and 21.

Over level land, thru scattering timber and dense undergrowth.

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

1/4	S 16
	S 21
1925	

No bearing trees available. Dig pits 18 x 18 x 12 ins., one each E. and W. of post, 5 ft. dist. Continue over level land, thru scattering timber and dense undergrowth.

44.00 Road, bears N. and S.

66.10 Dim road, bears NE. and SW.

80.10 The cor. of secs. 16, 17, 20 and 21:

Land; level.

Soil; sandy and gravelly, 2nd and 3rd rate.

Timber; mesquite and palo verde.

Undergrowth; greasewood and cactus.

N. 0° 2' W., bet. secs. 16 and 17.

Over level land, thru scattering timber and dense undergrowth.

18.50 Dim road, bears NE. and SW.

25.00 Road, bears NE. and SW.

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

S 17	1/4	S 16
1925		

From which

Mesquite, 4 ins. in diam., bears N. 85° E., 31 lks. dist., marked 1/4 S 16 B T.

Palo verde, 14 ins. in diam., bears S. 66 1/2° W., 113 lks. dist., marked 1/4 S 17 B T.

Continue over level land, thru scattering timber and dense undergrowth.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains

- 40.50 S. or left edge of wash, brs. E. and W. Thence thru very dense undergrowth, across wide shallow wash, course W.
 49.00 N. or right edge of same wash, brs. E. and W. Leave wash and very dense undergrowth.
 55.00 An Indian Village brs. E. about 50.00 chs. dist.
 59.00 Wash, 10 lks. wide, course SW.
 61.00 S. or left edge of wash, brs. NE. and SW. Thence thru very dense undergrowth across wide shallow wash, course SW.
 78.00 N. or right edge of same wash, brs. E. and SW. Leave wash and very dense undergrowth.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, with brass cap marked

T 13 S R 8 E	
S 8	S 9
S 17	S 16
1925	

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each NE., SE., SW. and NW. of post, 3 ft. dist.

Land; level.

Soil; adobe and sandy loam, 2nd rate.

Timber; mesquite and palo verde.

Undergrowth; scrub mesquite, greasewood and cactus.

- 40.00 N. 89° 58' E., on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Fall 7 lks. N. of the cor. of secs. 9, 10, 16 and 16. Thence N. 89° 59' W., on a true line, bet. secs. 9 and 16. Over level land, thru scattering timber and dense undergrowth.
 2.02 Road, brs. NE. and SW.
 33.28 Wash, 50 lks. wide, course SW.
 40.09 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 9
	S 16
1925	

From which

Mesquite, 8 ins. in diam., bears S. 10° W., 56 lks. dist., marked $\frac{1}{4}$ S 16 B T.

Mesquite, 4 ins. in diam., brs. N. 36° E., 158 lks. dist., marked B T.

Continue over level land, thru scattering timber and dense undergrowth.

- 50.18 An Indian field of about 20 acres, brs. S. about 10.00 chs. dist.
 73.48 Road, bears N. 10° W., and S. 10° E.
 80.18 The cor. of secs. 8, 9, 16 and 17.
 Soil; sandy loam and adobe 2nd rate.
 Land; level.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood, scrub mesquite and cactus.
 Scattering giant cactus.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains N. 0° 2' W., bet. secs. 8 and 9.
Over level land, thru scattering timber and dense undergrowth.

5.00 Road, brs. NW. and SE.

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

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 8 \mid \text{S } 9 \\ 1925 \end{array}$$

No bearing trees available. Dig pits 18 x 18 x 12 ins., one each N. and S. of post, 3 ft. dist.

Continue over level land, thru scattering timber and dense undergrowth.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap marked

$$\begin{array}{c} \text{T } 13 \text{ S } \text{ R } 8 \text{ E} \\ \text{S } 5 \mid \text{S } 4 \\ \text{S } 8 \mid \text{S } 9 \\ 1925 \end{array}$$

From which

Palo verde, 6 ins. in diam., bears N. 24° E., 32 lks. dist., marked T 13 S R 8 E S 4 B T.

Palo verde, 5 ins. in diam., bears S. 63° E., 73 lks. dist., marked T 13 S R 8 E S 9 B T.

Palo verde, 5 ins. in diam., bears S. 22 $\frac{1}{2}$ ° W., 40 lks. dist., marked T 13 S R 8 E S 8 B T.

Palo verde, 6 ins. in diam., bears N. 73 $\frac{1}{2}$ ° W., 54 lks. dist., marked T 13 S R 8 E S 5 B T.

Land; level.

Soil; sandy and gravelly, 2nd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and cactus.

Scattering giant cactus.

40.00 S. 89° 59' E., on a random line, bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.

80.00 Fall 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence

S. 89° 58' W., on a true line, bet. secs. 4 and 9.

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

19.10 Wash, 50 lks. wide, course SW.

37.80 Drain, course SW.

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

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

1925

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

Continue over nearly level land, thru scattering timber and dense undergrowth.

69.00 Wash, 10 lks. wide, in bend, course SE. from NE.

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

Land; nearly level.

Soil; sandy and gravelly, 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and cactus.

Giant cactus - scattering.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains N. $0^{\circ} 2'$ W., on a random line, bet. secs. 4 and 5.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.99 Fall 2 lks. E. of cor. of secs. 4, 5, 32 and 33 on the
 N. bdy. of the township, hereinbefore described.
 Thence
 S. $0^{\circ} 11'$ E., on a true line, bet. secs. 4 and 5.
 Over nearly level land, thru scattering timber and dense
 undergrowth.
 23.79 Wash, 30 lks. wide, course SW.
 25.99 Wash, 20 lks. wide, course W.
 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
 S 5 | S 4
 1925

From which

Palo verde, 5 ins. in diam., bears S. 40° E., 111 lks.
 dist., marked $\frac{1}{4}$ S 4 B T.

Palo verde, 5 ins. in diam., bears S. $68\frac{1}{2}^{\circ}$ W., 60 lks.
 dist., marked $\frac{1}{4}$ S 5 B T.

Continue over nearly level land, thru scattering timber
 and dense undergrowth.

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

Land; nearly level.

Soil; sandy and gravelly, 3rd rate.

Timber; palo verde and mesquite.

Undergrowth; greasewood and cactus.

Scattering giant cactus.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy.
 of the township, hereinbefore described.

N. $0^{\circ} 2'$ W., bet. secs. 31 and 32. Over level land,
 thru very scattering timber and dense undergrowth.

4.00 Road, bears NW. and SE.

26.10 Wash, 15 lks. wide, course NW.

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

$\frac{1}{4}$
 S 31 | S 32
 1925

No bearing trees available. Dig pits 18 x 18 x 12 ins.
 one each N. and S. of post, 5 ft. dist.

Continue over level land, thru very scattering timber
 and dense undergrowth.

78.80 Wash, 20 lks. wide, course N. 70° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
 in the ground for cor. of secs. 29, 30, 31 and 32,
 with brass cap marked

T 13 S R 8 E
 S 30 | S 29
 S 31 | S 32
 1925

Survey of the Subdivision Lines of T. 15 S., R. 8 E.

Chains No bearing trees available. Dig pits 18 x 18 x 12 ins. one each NE., SE., SW. and NW. of post, 3 ft. dist.
Land; level.
Soil; adobe, 2nd rate.
Timber; mesquite.
Undergrowth; scrub mesquite and greasewood.

East, on a random line, bet. secs. 29 and 32.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.04 Fall 2 lks. N. of the cor. of secs. 28, 29, 32 and 33.
Thence
N. 89° 59' W., on a true line bet. secs. 29 and 32.
Over level land, thru very scattering timber and dense undergrowth.
40.02 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 29}{S 32}$$

1925

No bearing trees available. Dig pits 18 x 18 x 12 ins. one each E. and W. of post, 3 ft. dist.
Continue over level land, thru very scattering timber and dense undergrowth.
41.74 Wash; 10 lks. wide, course NW.
51.74 Part of same wash, 10 lks. wide, course NW.
80.04 The cor of secs. 29, 30, 31 and 32.
Land; level.
Soil; adobe, 2nd rate.
Timber; mesquite.
Undergrowth; scrub mesquite, greasewood and catclaw.

West, on a random line, bet. secs. 30 and 31.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
84.80 Intersect the cor. of secs. 25, 30, 31 and 36, on the W. boundary of the township, described in book "C" of this group.
Thence
East, on a true line, bet. secs. 30 and 31.
Over level land, thru very scattering timber and dense undergrowth.
2.30 Road, bears NW. and SE.
43.10 Wash, 10 lks. wide, course NW.
44.80 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 30}{S 31}$$

1925

From which
Mesquite, 5 ins. in diam., bears S. 72 $\frac{1}{2}$ ° W., 178 lks. dist., marked $\frac{1}{4}$ S 31 B T.
Mesquite, 4 ins. in diam., bears N. 77 $\frac{1}{2}$ ° W., 205 lks. dist., marked $\frac{1}{4}$ S 30 B T.
Continue over level land, thru very scattering timber and dense undergrowth.

Chains

75.50 Enter wash, 20 lks. wide, course N. 70° W., from E.
Thence in wash to

84.40 Leave same wash, course W. from S. 70° E.

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

Land; level.

Soil; adobe, 2nd rate.

Timber; mesquite.

Undergrowth; scrub mesquite, greasewood and cactus.

N. 0° 2' W., bet. secs. 29 and 30. Over level land,
thru very scattering timber and dense undergrowth.

25.50 Wash, 20 lks. wide, course N. 70° W.

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

S 30	↑	S 29
1925		

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

Continue over level land, thru very scattering timber
and dense undergrowth.

50.00 Center of wash, 100 lks. wide, course SW.

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

T 13 S R 8 E	
S 19	S 20
S 30	S 29
1925	

No bearing trees available. Dig pits 18 x 18 x 12 ins.
one each NE., SE., SW. and NW. of post, 3 ft. dist.

Land; level.

Soil; adobe, 2nd rate.

Timber; mesquite.

Undergrowth; scrub mesquite, greasewood and cactus.

40.00 S. 89° 59' E., on a random line, bet. secs. 20 and 29.
Set temp. $\frac{1}{4}$ sec. cor.

80.04 Fall 5 lks. N. of the cor. of secs. 20, 21, 28 and 29.
Thence

N. 89° 57' W., on a true line, bet. secs. 20 and 29.

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

25.04 S. or left edge of wash, brs. NE. and SW. Thence thru
very dense undergrowth, across wide shallow wash,
course SW.

31.04 N. or right edge of same wash, brs. NE. and SW. Leave
wash and very dense undergrowth. Continue over level
land, thru very scattering timber and dense under-
growth.

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

$\frac{1}{4}$	S 20
	S 29
1925	

Survey of the Subdivision Lines of T. 15 S., R. 8 E.

Chains No bearing trees available. Dig pits 18 x 18 x 12 ins., one each E. and W. of post, 3 ft. aist. Continue over level land, thru very scattering timber and dense undergrowth.

80.04 The cor. of secs. 19, 20, 29 and 30.
Land; level.
Soil; adobe, 2nd rate.
Timber; mesquite.
Undergrowth; scrub mesquite, greasewood and catclaw.

West, on a random line, bet. secs. 19 and 30.

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

84.82 Fall 2 lks. N. of the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the township, described in Book "G" of this group.

Thence
N. 89° 59' E., on a true line, bet. secs. 19 and 30.
Over level land, thru scattering timber and dense undergrowth.

6.80 Enter gently rolling land. Ascend 60 ft. over W. slope.

29.82 Top of hill, brs. N. and S. Descend 40 ft. over E. slope to

44.82 Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$ $\frac{S 19}{S 30}$
1925

No bearing trees available. Raise mound of stone 3 ft. base, 2 ft. high N. of cor. Continue over gently rolling land, thru very scattering timber and dense undergrowth. Descend gradually over E. slope to

59.82 Foot of descent, brs. NE. and SW. Thence over level land.

84.82 The cor. of secs. 19, 20, 29 and 30.
Land; level and gently rolling.
Soil; sandy and gravelly, 2nd rate.
Timber; palo verde and mesquite.
Undergrowth; greasewood, scrub mesquite and cactus.

N. 0° 2' W., bet. secs. 19 and 20.
Over level land, thru very scattering timber and dense undergrowth.

20.00 Enter rolling land. Ascend 46 ft. over S. slope to

40.00 Top of low ridge, bearing E. and W.
Set an iron post, 5 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 19 | S 20
1925

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high W. of corner. Continue over rolling land, thru very scattering timber and dense undergrowth. Descend 69 feet over N. slope to

55.00 Foot of ridge, brs. E. and W. Enter level land.

72.40 Road, brs. S. 70° W., and N. 70° E.

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

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains

T 13 S R 8 E
 $\frac{1}{2}$ S 18 | S 17.
 $\frac{1}{2}$ S 19 | S 20
 1925

No bearing trees available. Dig pits 18 x 18 x 12 ins.
 one each NE., SE., SW., and NW. of post, 3 ft. dist.
 Land; level and rolling.
 Soil; sandy and gravelly, 3rd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood, and cactus.
 Scattering giant cactus.

- 40.00 S. 89° 57' E., on a random line, bet. secs. 17 and 20.
 Set temp. $\frac{1}{4}$ sec. cor.
 00.02 Fall 10 lks. S. of the cor. of secs. 16, 17, 20 and 21.
 Thence
 S. 89° 59' W., on a true line, bet. secs. 17 and 20.
 Over level land, thru scattering timber and dense under-
 growth.
 14.72 Dim road, bears NE. and SW.
 40.01 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.
 in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 17
 $\frac{1}{4}$ S 20
 1925

From which

- Mesquite, 6 ins. in diam., bears S. 79 $\frac{1}{2}$ ° W., 261 lks.
 dist., marked $\frac{1}{4}$ S 20 B T.
 Mesquite, 8 ins. in diam., bears N. 82 $\frac{1}{2}$ ° W., 200 lks.
 dist., marked $\frac{1}{4}$ S 17 B T.
 Continue over level land, thru scattering timber and
 dense undergrowth.
 60.32 Road, bears NE. and SW.
 80.02 The cor. of secs. 17, 18, 19 and 20.
 Land; level.
 Soil; sandy and gravelly, 2nd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood and cactus.

- 40.00 S. 89° 59' W., on a random line, bet. secs. 18 and 19.
 Set temp. $\frac{1}{4}$ sec. cor.
 84.81 Intersect the cor. of secs. 13, 18, 19 and 24, on the
 west boundary of the township, described in Book "E"
 of this group
 Thence
 N. 89° 59' E., on a true line, bet. secs. 18 and 19.
 Over level land, thru scattering timber and dense under-
 growth.
 44.81 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 18
 $\frac{1}{4}$ S 19
 1925

From which

- Mesquite, 4 ins. in diam., bears S. 75 $\frac{1}{2}$ ° E., 155 lks.
 dist., marked $\frac{1}{4}$ S 19 B T.
 Mesquite, 4 ins. in diam., bears N. 40 $\frac{1}{2}$ ° W., 72 lks.
 dist., marked $\frac{1}{4}$ S 18 B T.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains Continue over level land, thru scattering timber and dense undergrowth.
 84.81 The cor. of secs. 17, 18, 19 and 20.
 Land; level.
 Soil; sandy and gravelly, 2nd rate.
 Timber; mesquite and palo verde.
 Undergrowth; greasewood and cactus.

N. 0° 2' W., bet. secs. 17 and 18.
 Over level land, thru very scattering timber and dense undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 18 \quad | \quad \text{S } 17 \\ 1925 \end{array}$$

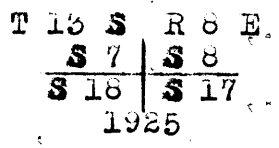
No bearing trees available. Dig pits 18 x 18 x 12 ins. one each N. and S. of post, 3 ft. dist.
 Continue over level land, thru very scattering timber and dense undergrowth.
 60.00 SW. or left edge of wash, brs. NW. and SE. Thence thru very dense undergrowth across wide shallow wash, course NW.

65.00 From this point the top of a low isolated hill brs. W. about 15 cns. dist.

70.00 NE. or right edge of same wash, brs. NW. and SE. Leave wash and very dense undergrowth. Continue over level land, thru scattering timber and dense undergrowth.

78.40 Road, bears N. 20° W. and S. 20° E.

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



No bearing trees available. Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of post, 3 ft. dist.
 Land; level.
 Soil; sandy and gravelly, 2nd rate.
 Timber; mesquite.
 Undergrowth; scrub mesquite, greasewood, catclaw and cactus.

40.00 N. 89° 59' E., on a random line, bet. secs. 8 and 17. Set temp. $\frac{1}{4}$ sec. cor.

80.08 Fall 8 lks. S. of the cor. of secs. 8, 9, 16 and 17. Thence S. 89° 56' W., on a true line, bet. secs. 8 and 17.

Over level land, thru scattering timber and dense undergrowth.

20.08 Leave level and enter rolling land. Ascend 43 ft. over SE. slope.

35.10 Spur, slopes S. Descend 15 ft. over S. slope to

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post and raise a mound of stone around post for $\frac{1}{4}$ sec. cor., with brass cap marked

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains

$$\frac{1}{4} \frac{S 8}{S 17}$$
 1925

60.07 Continue over rolling land, thru scattering timber and dense undergrowth. Descend 40 ft. over SW. slope to foot of descent brs. NW. and SE. Thence over level land.

80.08 The cor. of secs. 7, 8, 17 and 18.
Land; level and rolling.
Soil; sandy and gravelly adobe, 2nd and 3rd rate.
Timber; palo verde and mesquite.
Undergrowth; greasewood, catclaw and cactus.

40.00 S. 89° 59' W., on a random line, bet. secs. 7 and 18.
Set temp. $\frac{1}{4}$ sec. cor.

84.79 Rail 7 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the township, described in Book "G" of this group.

Thence

S. 89° 57' E., on a true line, bet. secs. 7 and 18.

Over level land, thru scattering timber and dense undergrowth.

19.79 Right edge of wash, bears NW. and SE. Thence across N. side of shallow wash, about 10 chs. wide, course W. from SE.

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

$$\frac{1}{4} \frac{S 7}{S 18}$$
 1925

From which

Mesquite, 6 ins. in diam., bears N. 11° E., 40 lks. dist., marked $\frac{1}{4}$ S 7 B T.

Mesquite, 4 ins. in diam., bears S. 85° E., 102 lks. dist., marked $\frac{1}{4}$ S 18 B T.

Continue over level land, thru scattering timber and dense undergrowth, in wash about 10 chs. wide, course W.

74.77 Right edge of same wash, brs. N. 70° E., and S. 70° W., at mouth of another wash from NE. Leave wash.

84.29 Road, bears N. 20° W., and S. 20° E.

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

Land; level.

Soil; sandy and adobe, 2nd rate.

Timber; mesquite and palo verde.

Undergrowth; scrub mesquite, greasewood and catclaw.

N. 0° 2' W., bet. secs. 7 and 8.

Over level land, thru scattering timber and dense undergrowth.

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

$$S 7 \frac{1}{4} S 8$$
 1925

From which

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains Mesquite, 6 ins. in diam., bears S. $3\frac{1}{2}^{\circ}$ E., 473 lks. dist., marked $\frac{1}{4}$ S 8 B T.
 Mesquite, 10 ins. in diam., bears N. $83\frac{1}{2}^{\circ}$ W., 222 lks. dist., marked $\frac{1}{4}$ S 7 B T.
 Continue over level land, thru scattering timber and dense undergrowth.
 50.20 Road, bears NW. and SE.
 62.20 Wash, 20 lks. wide, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap, marked.

T 13 S R 8 E

S 6	S 5
S 7	S 8

 1925

From which
 Palo verde, 6 ins. in diam., bears N. $54^{\circ} 10'$ E., 329 lks. dist., marked T 13 S R 8 E S 5 B T.
 Palo verde, 8 ins. in diam., bears S. $85\frac{1}{2}^{\circ}$ E., 367 lks. dist., marked T 13 S R 8 E S 8 B T.
 Palo verde, 7 ins. in diam., bears S. $75\frac{1}{4}^{\circ}$ W., 210 lks. dist., marked T 13 S R 8 E S 7 B T.
 Palo verde, 12 ins. in diam., bears N. $20\frac{1}{2}^{\circ}$ W., 326 lks. dist., marked T 13 S R 8 E S 6 B T.
 Land; level.
 Soil; sandy and gravelly, 2nd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood and cactus.

N. $89^{\circ} 55'$ E., on a random line, bet. secs. 5 and 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Fall 24 lks. N. of the cor. of secs. 4, 5, 8 and 9.
 Thence
 N. $89^{\circ} 55'$ W., on a true line, bet. secs. 5 and 8.
 Over level land, thru scattering timber and dense undergrowth.
 25.52 Wash, 10 lks. wide, course SW.
 35.82 Wash, 10 lks. wide, course SW.
 40.06 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$

S 5	S 8
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 1925

From which
 Palo verde, 6 ins. in diam., bears N. $47\frac{1}{2}^{\circ}$ E., 186 lks. dist., marked $\frac{1}{4}$ S 5 B T.
 Palo verde, 8 ins. in diam., bears S. $66\frac{1}{2}^{\circ}$ W., 33 lks. dist., marked $\frac{1}{4}$ S 8 B T.
 Continue over level land, thru scattering timber and dense undergrowth.
 72.42 Wash, 10 lks. wide, course S.
 80.12 The cor. of secs. 5, 6, 7 and 8.
 Land; level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; palo verde.
 Undergrowth; greasewood and cactus.

Survey of the Subdivision Lines of T. 13 S., R. 8 E.

Chains N. 89° 57' W., on a random line, bet. secs. 6 and 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 84.67 Fall 10 lks. N. of the cor. of secs. 1, 6, 7 and 12, on
 the W. bdy. of the township, described in Book "G"
 of this group
 Thence
 N. 89° 59' E., on a true line, bet. secs. 6 and 7.
 Over level land, thru scattering timber and dense under-
 growth.
 22.27 Road, bears N. and S.
 44.67 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in
 the ground to bed rock, supported in a mound of stone
 for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{c} S 6 \\ S 7 \end{array}$$

1925

From which
 Mesquite, 8 ins. in diam., bears S. 52° W., 121 lks.
 dist., marked $\frac{1}{4}$ S 7 B T.
 Mesquite, 6 ins. in diam., bears N. 20° W., 71 lks.
 dist., marked $\frac{1}{4}$ S 6 B T.
 Continue over level land, thru scattering timber and
 dense undergrowth.
 60.07 Road, bears N. and S.
 76.87 Wash, 10 lks. wide, course SW.
 84.67 The cor. of secs. 5, 6, 7 and 8.
 Land; level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; palo verde.
 Undergrowth; greasewood and cactus.

N. 0° 21' W., on a random line, bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.95 Fall 16 lks. E. of the cor. of secs. 5, 6, 31 and 32 on
 the N. bdy. of the township, hereinbefore described.
 Thence
 S. 0° 9' E., on a true line, bet. secs. 5 and 6.
 Over nearly level land, thru scattering timber and
 dense undergrowth.
 39.95 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$S 6 \begin{array}{c} \frac{1}{4} \\ S 5 \end{array}$$

1925

From which
 Palo verde, 4 ins. in diam., bears S. 45° E., 135
 lks. dist., marked $\frac{1}{4}$ S 5 B T.
 Palo verde, 6 ins. in diam., bears S. 45° W., 129
 lks. dist., marked $\frac{1}{4}$ S 6 B T.
 Continue over nearly level land, thru scattering timber
 and dense undergrowth.
 76.25 Wash, 10 lks. wide, course SE.
 79.95 The cor. of secs. 5, 6, 7 and 8.
 Land; nearly level.
 Soil; sandy and gravelly, 2nd and 3rd rate.
 Timber; palo verde and mesquite.
 Undergrowth; greasewood and cactus.

The continued satisfactory adjustment of the solar apparatus of Buff and Buff Transit No. 10125, used by Charles E. Hunter, U.S. Transitman, in the execution of the surveys described in the foregoing notes is indicated from field tests described in Books "L," "M," and "N," of this group.

FINAL FIELD TEST OF YOUNG AND SONS TRANSIT NO. 8592, BY
WILLIAM H. THORN, U.S. CADASTRAL ENGINEER.

February 18, 1925: Examine the adjustment of the instrument, and find no errors; then, to test the solar apparatus by comparing its indications during a.m. and p.m. hours with the meridian determined by Polaris observation Jan. 31, 1925, at camp in NE¹/₄ quarter of sec. 1, T. 15 S., R. 9 E. as hereinbefore described, proceed as follows:

At 8h. 0m., a.m., l.m.t., set off 32° 9' N. on the lat. arc; 11° 37' S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At apparent noon, with the lat. arc unchanged, observe the sun on the meridian, obtaining a reading of 11° 34¹/₂' S. on the decl. arc, which agrees with the computed decl. of the sun.

At 4h. 0m. p.m., l.m.t., with the lat. arc unchanged, set off 11° 30' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

The above described tests demonstrate that the instrument has remained in satisfactory adjustment throughout the execution of the resurveys and surveys hereinbefore described.

GENERAL DESCRIPTION.

The surface of the greater part of this township is level or nearly level draining west and southwest. Several small scattered areas in the NE. quarter have a mountainous surface, and in small scattered areas of various parts of the township there is a rolling or gently rolling surface.

The soil over most of the township is sandy and gravelly, 2nd and 3rd rate.

The timber, consisting of palo verde and mesquite is scattering in all sections, and giant cactus is scattered over a large part of the township.

The undergrowth, consisting of greasewood, scrub mesquite, ocotillo and other varieties of cactus is dense in all parts. There is a fair growth of grass which produces an abundant growth during wet seasons.

There are no permanent flowing streams of water and no springs. The only water supply is obtained from two wells, one in NW. quarter of sec. 2, and one in NW. quarter of sec. 11. There are two settlers, one in NW¹/₄ of Sec. 2, name not obtained, and J. Ramono in NW¹/₄ of Sec. 11, and there are some Indians in NW¹/₄ of sec. 16, where they have a small village.

The improvements consist of a house, well and corral in NW¹/₄ of Sec. 2, house, well and corral in NW¹/₄ of Sec. 11, the Indian habitations and a cultivated tract of about 25 acres in NW¹/₄ of sec. 16, where the Indians raise wheat in wet seasons.

There are indications of valuable mineral deposits situated in Secs. 1 and 2. U. S. L. M. No. 2612 is located in NE¹/₄ of sec. 2, near N. bdy. of the Tp.

A number of roads traverse the West and North halves

of the township.

The entire township is within the Papago Indian Reservation, the East and West boundaries forming part of the boundary of said reservation.

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Charles E. Hunter, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 100, Arizona, bearing date of the 25th day of September, 1919, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the South boundary, and

Subdivision lines of

TOWNSHIP 13 SOUTH, RANGE 8 EAST.

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

and by diagram on page 1 hereof

the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 100, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona

Charles E. Hunter

U. S. Transitman.

Date: October 25, 1919

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.

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William H. Thorn, U. S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 100, Arizona, bearing date of the 25th day of September, 1919, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the East boundary; and surveyed all those parts or portions of the North boundary and Subdivision lines of

TOWNSHIP 13 SOUTH, RANGE 8 EAST.

of the Gila and Salt River

Base and Meridian, in the State of Arizona, and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 100, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: Phoenix Ariz, Date: Oct 16 1925

William H Thorn U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF UNITED STATES SUPERVISOR OF SURVEYS,

Denver, Colorado, November 25, 1925.

The foregoing field notes of the resurvey of the East boundary, and of the survey of the South boundary, North boundary and Subdivision lines of TOWNSHIP 13 SOUTH, RANGE 8 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by William H. Thorn, U.S. Cadastral Engineer, and Charles E. Hunter, U.S. Transitman, under the special instructions dated September 25, 1919, for Group 100, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and surveys they describe, are hereby approved.

United States Supervisor of Surveys.

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