

BOOK 3792

FIELD NOTES

of the RESURVEY of the

First Standard Parallel North, thru Range 16 West,

and West Boundary of T. 5 N., R. 16 W.,

and of the SURVEY of the

Subdivision Lines

of

Township 5 North, Range 16 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

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

In the capacity of U. S. Surveyor, under Special Instructions dated July 23, 1926, issued by U.S. District Cadastral Engineer to govern surveys included in Group No. 143, Arizona, which were approved by the Commissioner of the General Land Office, August 7, 1926, and Assignment Instructions dated November 1, 1926.

Survey commenced January 11, 1927.

Survey completed January 22, 1927.

3792

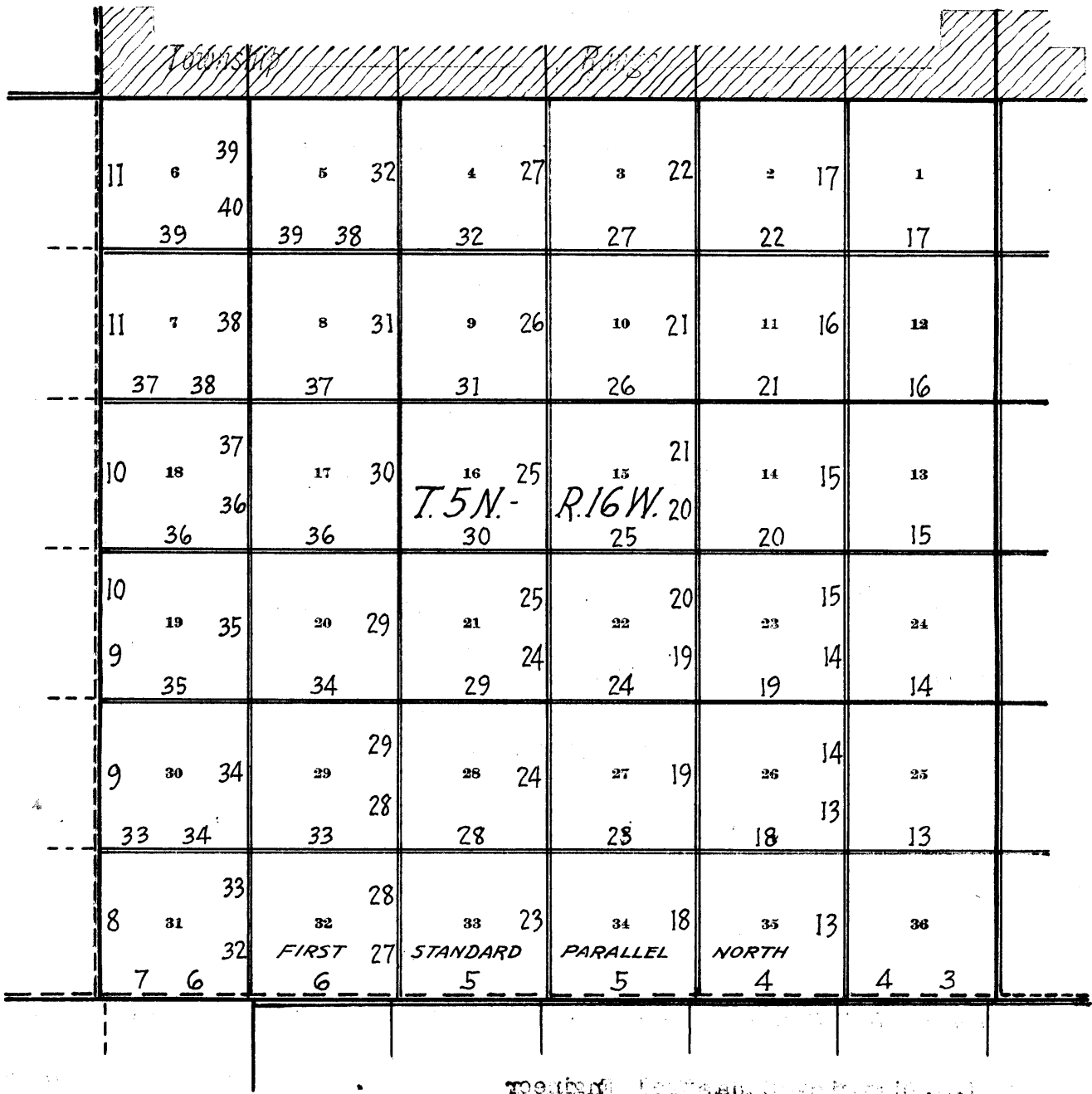
3792

BOOK 3792

BOOK 3792

BOOK 3792

INDEX DIAGRAM.



SECTIONAL CORRECTIONS TO BE MADE...

————— Surveyed under this group.

----- Retraced under this group.

----- Unsurveyed

----- Resurveyed under this group.

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

Areas surveyed as per accepted plats on file.

Book "J"
 Group 143 Arizona
 Township 5 North, Range 16 West
 DATE DIAGRAM
 1927

Surveyed by Wm. H. Thorn, U.S.C.E. in 1923.

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

1st Standard Parallel North

For dates of Survey of this line see Book "I"

— Surveyed by Wm. H. Thorn, U.S. Cadastral Engineer, on dates shown thereon.

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

— Accepted surveys, retracements or resurveys.

Surveys executed on dates shown on diagram on page 1 hereof by William H. Thorn, U. S. Cadastral Engineer, using Buff light mountain transit No. 18000. This instrument is equipped with solar attachment, the horizontal limb of which is provided with two double verniers placed opposite to each other reading to single minutes of arc which is also the least count of the latitude and declination arcs. Unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

PRELIMINARY FIELD TEST.

Examine the adjustments of the transit, and find them correct; 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 on December 25, 1926, as described in Book "G", proceed as follows:

January 2, 1927. At 9 h. 0 m., a. m., app. t., set off $33^{\circ} 39\frac{1}{2}'$ N. on the lat. arc; $22^{\circ} 56'$ S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At 3 h. 0 m., p. m., app. t., with the lat. arc unchanged, set off $22^{\circ} 55'$ S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within $1\frac{1}{2}'$ of the true meridian, conclude that the instrument is in satisfactory adjustment.

Unless otherwise specified all measurements were made with a Lufkin steel tape, 5.00 chains in length, compared with a Lufkin standard steel tape 1 chain in length and found correct.

All measurements herein recorded are made upon the slope the vertical angles determined with a clinometer and the slope measurement properly reduced to true horizontal distance for entry in field notes.

Resurvey of the First Standard Parallel North, Range 16 West.

Chains

Retracement for Resurvey.

The First Standard Parallel North was surveyed thru R. 16 W. in 1909 by J. F. Hesse, U. S. D. S. and no retracement or resurvey of same is of record.

The following notes describe a resurvey of the Parallel thru R. 16 W., reconstructing the std. $\frac{1}{4}$ sec. cors. of secs. 35 and 36, and the std. cors. of secs. 35 and 36, and 34 and 35, in their original positions, and reestablishing all other std. $\frac{1}{4}$ sec. and sec. cors. at alternate intervals of 40.00 chs. in westing, counting from the std. cor. of secs. 34 and 35, on a direct bearing to the true point for the original std. cor. of T. 5 N., Rs. 16 and 17 W.

From the std. cor. of T. 5 N., Rs. 15 and 16 W., described in Book "I".

40.08 West, on random line, along S. bdy. of sec. 36. (E. $\frac{1}{2}$)
Fall 12 lks. N. of std. $\frac{1}{4}$ sec. cor.

80.13 Continue random line along S. bdy. sec. 36 (W. $\frac{1}{2}$).
Fall 23 lks. N. of std. cor. of secs. 35 and 36.

Set over std. cor. of secs. 35 and 36.

Thence

40.00 West, on random line on S. bdy. sec. 35 (E. $\frac{1}{2}$).
Fall 12 lks. N. of std. $\frac{1}{4}$ sec. cor.

80.00 Continue random line along S. bdy. sec. 35 (W. $\frac{1}{2}$).
Fall 23 lks. N. of std. cor. of secs. 34 and 35.

Thence

40.21 West, on random line
Fall 12 lks. N. of $\frac{1}{4}$ sec. cor.

80.25 Fall 32 lks. N. of std. cor. of secs. 33 and 34.

120.31 Fall 47 lks. N. of std. $\frac{1}{4}$ sec. cor. of sec. 33.

160.46 Fall 61 lks. N. of std. cor. of secs. 32 and 33.

200.53 Fall 70 lks. N. of std. $\frac{1}{4}$ sec. cor. of sec. 32.

240.52 Fall 82 lks. N. of std. cor. of secs. 31 and 32.

282.12 Fall 86 lks. N. of W. C. to std. $\frac{1}{4}$ sec. cor. of sec. 31.

320.57 Fall 23 lks. N. of orig. W. C. to std. cor. of T. 5 N.,
Rs. 16 and 17 W. (which is 70 lks. N. of true point)
or 93 lks. N. of true corner point.

The true bearing of the west four miles of the Parallel in R. 16 W., is, therefore, S. 89° 50' W.

R E S U R V E Y .

From the orig. std. cor. of T. 5 N., Rs. 15 and 16 W., described in Book "I".

S. 89° 50' W., on true line, on S. bdy. of sec. 36.

Over level land, thru scattering undergrowth.

15.00 Enter gravel flat, brs. NE. and SW.

30.00 Enter overflow land, 5.00 chs. wide, course NE.

40.08 Intersect std. $\frac{1}{4}$ sec. cor. which is a granite stone 8 x
8 x 6 ins. above ground, firmly set and marked S C $\frac{1}{4}$
on N. face. Alongside of old cor.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for std. $\frac{1}{4}$ sec. cor., brass cap marked

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

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

Resurvey of First Standard Parallel North, thru Range 16 West.

Chains

52.00 Enter gravel flat, brs. NE. and SW.
 80.13 Intersect std. cor. of secs. 35 and 36, which is a granite stone 6 x 8, 6 ins. above ground firmly set, mkd. S C on N. face, 1 groove on E. face and 5 grooves on W. face. Alongside of old cor. Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for std. cor. of secs. 35 and 36, brass cap marked

S C
 T 5 N R 16 W
S 35 | S 36
 1927

Dig out old pits 18 x 18 x 12 ins., one each on line E., W. and N. of cor., 3 ft. dist.
 Land, level.
 Soil, sandy and gravelly, 1st and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.

S. 89° 50' W., on S. bdy. of sec. 35.
 Over level land, thru scattering undergrowth, across sandy flat.

20.00 Enter overflow land, 4.00 chs. wide, course NE.
 40.00 Intersect old std. $\frac{1}{4}$ sec. cor., which is malpais stone 6 x 6, 6 ins. above ground, mkd. S C $\frac{1}{4}$ on N. face. Alongside of old cor Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in ground for std. $\frac{1}{4}$ sec. cor., brass cap marked

S C
 $\frac{1}{4}$ S 35
 1927

From which original bearing trees .
 Ironwood 6 ins. in diam. brs. N. 15 $\frac{1}{2}$ ° W., 115 lks. dist., mkd. S C $\frac{1}{4}$ S 35 B T.
 Ironwood, 6 ins. in diam., brs. N. 25° E., 132 lks. dist., mkd. S C $\frac{1}{4}$ S 35 B T.

80.00 Intersect old std. cor. of secs. 34 and 35, which is a porphyry stone, 10 x 12, 8 ins. above ground, firmly set and properly mkd. Alongside of old cor. Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for std. cor. of secs. 34 and 35, brass cap marked.

S C
 T 5 N R 16 W
S 34 | S 35
 1927

Old md. of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
 Land, level.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite and palo verde.

Resurvey of First Standard Parallel North, thru Range 16 West.

Chains S. 89° 50' W., on true line, on S. bdy. of sec. 34.
Over level land, thru scattering undergrowth.
Drainage North.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for std. 1/4 sec. cor., brass cap marked

S C
1/4 S 34
1927

Alongside of post set old stone cor. A granite stone 16
x 8 x 6 ins., 12 ins. in ground. Dig pits 18 x 18
x 12, one each E. and W. of cor., 3 ft. dist.

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

S C
T 5 N R 16 W
S 33 S 34
1927

Alongside post set old stone cor. A lava stone 16 x 12
x 10 ins., 12 ins. in the ground.

From which
Ironwood, 5 ins. in diam., brs. N. 24 3/4° W., 373 chs.
dist., properly marked (Old B. T.)
No other tree available.

Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.
Land, level.

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

Timber, scattering scrub ironwood.

Undergrowth, creosote brush and scrub mesquite.

S. 89° 50' W., on true line, on S. bdy. of sec. 33.
Over level land, thru scattering undergrowth.

19.00 Wash, 90 lks. wide, course N.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in
ground for std. 1/4 sec. cor., brass cap marked

S C
1/4 S 33
1927

Reset old cor. alongside post, a granite stone 16 x 8 x
6 ins., 12 ins. in the ground.

Raise md. of stone 2 1/2 ft. base, 1 1/2 ft. high, N. of cor.

54.50 Wash, 100 lks. wide, course N.

69.00 Enter gravel flat, brs. N. and S.

79.00 Wash, 20 lks. wide, course N.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in ground for std. cor. of secs. 32 and 33, brass
cap marked

S C
T 5 N R 16 W
S 32 S 33
1927

Reset old cor. alongside post, a malpais stone 16 x 10
x 10 ins., 12 ins. in the ground.

From which

Palo verde, 10 ins. in diam., brs. N. 89° E., 80 lks.
dist., properly marked (Old B.T.)

Resurvey of First Standard Parallel North, thru Range 16 West.

Chains No other trees available.
 Raise a md. of stone 3 ft. base, 2 ft. high, N. of cor.
 Land, level.
 Soil, stony and gravelly, 3rd rate.
 Timber, scattering scrub ironwood and palo verde.
 Undergrowth, creosote brush and scrub mesquite.

S. 89° 50' W., on true line, on S. bdy. of sec. 32.
 Over level land, thru scattering undergrowth.

- 7.00 Wash, 20 lks. wide, course N.
 20.00 A gravel flat, brs. N. and S.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for std. $\frac{1}{4}$ sec. cor., brass cap marked

S C
 $\frac{1}{4}$ S 32
 1927

Reset old cor. stone alongside iron post corner, a por-
 phyry stone 16 x 10 x 8 ins., 12 ins. in ground.

From which

- Ironwood, 8 ins. in diam., brs. N. 47° 30' W., 163
 lks. dist., properly marked (Old B.T.).
 Ironwood, 8 ins. in diam., brs. N. 76° W., 130 lks.
 dist., properly marked (Old B. T.).
 47.00 Wash, 50 lks. wide, course NE.
 54.00 Wash, 10 lks. wide, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 ground for std. cor. of secs. 31 and 32, brass cap
 marked

S C
 T 5 N R 16 W
 $\frac{1}{4}$ S 31 | $\frac{1}{4}$ S 32
 1927

Reset old cor. stone, a malpais stone 16 x 10 x 8 ins.,
 12 ins. in ground, alongside iron post.

From which

- Ironwood, 5 ins. in diam., brs. N. 78 $\frac{1}{2}$ ° W., 240 lks.,
 dist., properly marked (Old B. T.).
 Palo verde, 6 ins. in diam., brs. N. 22° E., 374 lks.
 dist., properly marked (Old B.T.)
 Raise a md. of stone 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Land, level.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, scattering scrub palo verde and ironwood.
 Undergrowth, creosote brush and scrub mesquite.
 Giant cactus.

S. 89° 50' W., on true line, on S. bdy. of sec. 31.
 Over rolling land, thru scattering undergrowth.

- 4.00 Wash, 20 lks. wide, course NE.
 10.00 Leave level land; asc. 52 ft. over E. slope.
 15.00 Spur, slopes N. Desc. 46 ft.
 40.00 True pt. for cor. falls in wash, 30 lks. wide, course
 N. 10° E.
 41.60 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for witness cor. to std. $\frac{1}{4}$ sec. cor., brass
 cap marked

Resurvey of First Standard Parallel North, thru Range 16 West.

Chains

S C
W C
1/4 S 31
1927

From which

Mesquite, 14 ins. in diam., brs. N. 38° E., 74 lks.
dist., mkd. S C 1/4 S 31 W C B T (Old B. T.)

Palo verde, 12 ins. in diam., brs. N. 70° W., 106 lks.
dist., mkd. S C 1/4 S 31 W C B T (Old B. T.)

Reset old cor. stone, a malpais stone 22 x 8 x 5 ins.,
16 ins. in the ground, alongside iron post corner.

42.70 Wash, 40 lks. wide, course NE.

80.57 The true point for std. cor. of T. 5 N., Rs. 16 and 17
W., which is 70 lks. S. of the W C which is a silica
stone 8 x 8, 6 ins. above ground firmly set and
marked with 6 grooves on E., W. and N. faces, W C S C
on N. face, R 17 W on W. face, R 16 W on E. face.
Alongside old cor.,

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in ground for witness corner to std. cor. of T. 5 N.,
Rs. 16 and 17 W., brass cap marked

S C
T 5 N
R 17 W | R 16 W
S 36 | S 31
W C
1927

From which

Ironwood, 12 ins. in diam., brs. N. 34° W., 27 lks.
dist., properly marked (Old B. T.).

No other tree available.

Raise a md. of stone, 3 ft. base, 2 ft. high, N. of cor.
Land, level.

Soil, gravelly and stony, 3rd and 4th rate.

Timber, scrub palo verde and ironwood.

Undergrowth, creosote brush, ocotillo, cholla, scrub
catclaw and mesquite.

Resurvey of West Boundary (4th Guide Meridian West) of
Township 5 North, Range 16 West.

Chains

Retracement for Resurvey.

- From true point for std. cor. of T. 5 N., R. 16 and 17 W.
North, on random line, bet. secs. 31 and 36.
- 40.07 Fall 7 lks. E. of old cor.
80.09 Fall 15 lks. E. of old cor. of secs. 25, 30, 31 and 36.
North, on random line, bet. secs. 25 and 30.
- 120.10 Fall 22 lks. E. of old $\frac{1}{4}$ sec. cor.
160.26 Fall 30 lks. E. of cor. of secs. 19, 24, 25 and 30.
200.25 Fall 37 lks. E. of old $\frac{1}{4}$ sec. cor.
240.43 Fall 45 lks. E. of cor. of secs. 13, 18, 19 and 24.
280.50 Fall 56 lks. E. of old $\frac{1}{4}$ sec. cor.
320.56 Fall 66 lks. E. of cor. of secs. 7, 12, 13 and 18.
360.40 Fall 66 lks. E. of old $\frac{1}{4}$ sec. cor.
400.40 Fall 76 lks. E. of cor. of secs. 1, 6, 7 and 12.
440.57 Fall 76 lks. E. of old $\frac{1}{4}$ sec. cor.
480.68 Fall 89 lks. E. of cor. of Ts. 5 and 6 N., Rs. 16 and 17 W.
- As this line is out of limits for measurement and subject to rectification,
Return to the true point for std. cor. of T. 5 N., Rs. 16 and 17 W

R E S U R V E Y.

Thence

- N. $0^{\circ} 6'$ W., on true line, bet. secs. 31 and 36.
Over level land, thru scattering timber and scattering undergrowth.
- 0.70 Witness cor, hereinbefore described. (N. of cor. point).
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$
 S 36 | S 31
 1927

- Reset old $\frac{1}{4}$ sec. cor., a quartzite stone 22 x 12 x 8 ins., 16 ins. in the ground, alongside of post.
No bearing trees available.
Raise md. of stone $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 56.90 Wash, 40 lks. wide, course NE.
69.00 Wash, 30 lks. wide, course NE.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 25, 30, 31 and 36, brass cap marked

T 5 N
 R 17 W | R 16 W
 S 25 | S 30
 S 36 | S 31
 1927

- Reset old stone, a quartzite stone 22 x 8 x 6 ins., 16 ins. in ground, alongside of iron post.
No bearing trees available.
Raise md. of stone 3 ft. base, 2 ft. high W. of cor.
Land, level.
Soil, stony, 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, creosote brush, ocotillo, cholla, scrub mesquite.
Giant cactus.

Resurvey of West Boundary (4th Guide Meridian West) of
Township 5 North, Range 16 West.

Chains N. 0° 6' W., on true line, bet. secs. 25 and 30.
Over level land, thru scattering undergrowth.
16.00 Wash, 10 lks. wide, course NE.
29.00 Wash, 10 lks. wide, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$
S 25 | S 30
1927

Reset old cor., a quartzite stone 20 x 8 x 6 ins., 15 ins.
in ground alongside of iron post.
Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor.
45.50 Wash, 20 lks. wide, course NE.
77.00 Wash, 20 lks. wide, course NE.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in ground for cor. of secs. 19, 24, 25 and 30, brass
cap marked

T 5 N
R 17 W | R 16 W
S 24 | S 19
S 25 | S 30
1927

Reset old cor. stone, a quartzite stone, properly marked,
16 x 10 x 8 ins., 12 ins. in ground alongside iron
post.

From which

Ironwood, 6 ins. in diam., brs. S. 26° E., 142 lks.
dist., properly mkd. (Old B. T.).

Palo verde, 7 ins. in diam., brs. N. 19° W., 315 lks.
dist., properly mkd. (Old B. T.).

Palo verde, 7 ins. in diam., brs. S. 53° W., 87 lks.
dist., properly mkd. (old B. T.)

No other trees available.

Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, level.

Soil, gravelly and stony, 3rd and 4th rate.

Timber, scattering scrub palo verde and ironwood.

Undergrowth, creosote brush, cholla, ocotillo, and scrub
mesquite.

N. 0° 6' W., on true line, bet. secs. 19 and 24.
Over level land, thru scattering undergrowth.
.3.15 Wash, 10 lks. wide, course NE.
19.00 Wash, 20 lks. wide, course NE.
34.15 Wash, 20 lks. wide, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
ground to bed rock, reset the old $\frac{1}{4}$ sec. cor., a
quartzite stone 16 x 8 x 6 ins., 12 ins. in ground
to bed rock, mkd. $\frac{1}{4}$, alongside of the iron post, and
raise md. of stone 3 ft. base, 1 $\frac{1}{2}$ ft. high around post
for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$
S 24 | S 19
1927

From which

Palo verde, 7 ins. in diam., brs. N. 42° W., 118 lks.
dist., properly mkd. (Old B. T.)

Palo verde, 5 ins. in diam., brs. N. 20 $\frac{1}{2}$ ° E., 155 lks.
dist., properly mkd. (Old B. T.)

Resurvey of West Boundary (4th Guide Meridian West) of Township 5 North, Range 16 West.

Chains

- 55.00 Wash, 15 lks. wide, course NE.
- 78.50 Wash, 15 lks. wide, course NE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 13, 18, 19 and 24, brass cap marked

T 5 N	
R 17 W	R 16 W
\$ 13	\$ 18
\$ 24	\$ 19
1927	

Reset old cor., a quartzite stone 16 x 8 x 6 ins., properly marked, 12 ins. in the ground alongside iron post.

From which

Ironwood, 6 ins. in diam., brs. N. 40° E., 58 lks. dist., properly marked. (Old B. T.)

Ironwood, 5 ins. in diam., brs. S. 60° W., 88 lks. dist., properly marked (Old B. T.)

No other trees available.

Raise a md. of stone, 3 ft. base, 2 ft. high W. of cor. Land, nearly level.

Soil, gravelly and stony, 3rd and 4th rate.

Timber, scattering scrub ironwood and palo verde.

Undergrowth, creosote brush, ocotillo, cholla and scrub mesquite and catclaw.

Giant cactus.

N. 0° 6' W., on true line, bet. secs. 13 and 18.

Over gently rolling land, thru scattering undergrowth.

- 11.00 Wash, 10 lks. wide, course NE.
- 24.00 Wash, 10 lks. wide, course NE.
- 31.00 Wash, 10 lks. wide, course NE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked

1/4	
\$ 13	\$ 18
1927	

Reset old cor., a quartzite stone 16 x 6 x 6 ins., properly marked 12 ins. in ground, alongside of iron post.

Raise md. of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

58.00 Wash, 10 lks. wide, course NE.

65.00 Wash, 10 lks. wide, course NE.

75.00 Wash, 10 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 7, 12, 13 and 18, brass cap marked

T 5 N	
R 17 W	R 16 W
\$ 12	\$ 7
\$ 13	\$ 18
1927	

Reset old sec. cor., a quartzite stone 16 x 8 x 8 ins., properly marked, 12 ins. in ground, alongside iron post.

Raise md. of stone 3 ft. base, 2 ft. high, W. of cor. Land, gently rolling.

Soil, gravelly and stone 3rd and 4th rate.

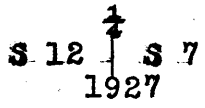
Timber, none.

Undergrowth, creosote brush, ocotillo, cholla, scrub mesquite, catclaw, palo verde and ironwood.

Giant cactus.

Resurvey of West Boundary (4th Guide Meridian West) of Township 5 North, Range 16 West.

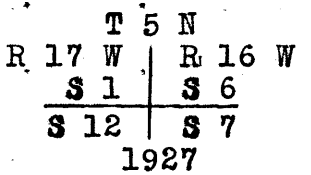
Chains N. 0° 6' W., on true line, bet. secs. 7 and 12.
Over gently rolling land, thru scattering undergrowth.
40.00 Set an iron post, 3 ft. long 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked



Reset old 1/4 sec. cor., a quartzite stone, 18 x 18 x 8 ins., 12 ins. in ground, alongside iron post.

From which
Palo verde, 16 ins. in diam., brs. S. 65° W., 108 lks. dist. properly marked (Old B. T.)
No other tree available.

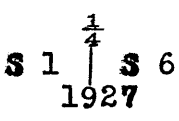
65.00 Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor.
68.00 Wash, 10 lks. wide, course NE.
80.00 Wash, 15 lks. wide, course NE.
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 1, 6, 7 and 12, brass cap marked



Reset old cor. stone, a quartzite stone, 18 x 10 x 8 ins., properly marked, 12 ins. in ground alongside iron post.

No trees available.
Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, gently rolling.
Soil, gravelly and stony, 3rd rate.
Timber, scattering scrub palo verde and ironwood.
Undergrowth, creosote brush, ocotillo, cholla, scrub catclaw and mesquite.

N. 0° 6' W., on true line, bet. secs. 1 and 6.
Over level land, thru scattering undergrowth.
12.00 Road, brs. E. and W.
35.00 Enter overflow land, 2.00 chs. wide, course NE.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked



Reset old cor., a granite stone 20 x 10 x 6 ins., properly marked, 15 ins. in ground, alongside iron post.

From which
Palo verde, 12 ins. in diam., brs. S. 65° E., 120 lks. dist., properly marked (Old B.T.)
Palo verde, 12 ins. diam., brs. S. 54° W., 160 lks. dist., properly marked (Old B.T.)

41.00 Wash, 20 lks. wide, course NE.
53.00 Wash, 13 lks. wide, course NE.
80.68 Intersect the cor. of Ts. 5 and 6 N., Rs. 16 and 17 W., which is a basalt stone 8 x 10, 8 ins. above ground as described in Book "L".

Resurvey of West Boundary (4th Guide Meridian West) of
Township 5 North, Range 16 West.

Land level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, scattering scrub palo verde and ironwood.
Undergrowth, creosote brush, ocotillo, cholla, and
scrub mesquite.

T. 5 N., R. 16 W.

Latitudes, Departures and Closing Errors.

Line designated	True course	Dist- ance	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary (1st S.P.N.)	S.89°50' W.	480.70		1.38		480.70
West Boundary (4th G.M.W.)	N.0° 06' W.	480.68	480.68			.90
North Boundary	S.89°51' E.	481.17		1.26	481.17	
East Boundary	S.0° 03' E.	478.65		478.65	.42	
Convergency					.48	
Totals			480.68	481.29	482.07	481.60
				480.68	481.60	
Error in latitude			0.61			
Error in departure					0.47	

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains From the std. cor. of secs. 35 and 36, on S. bdy. of T. 5 N., R. 16 W., hereinbefore described.
 N. 0° 4' W., on true line, bet. secs. 35 and 36.
 Over level land, thru scattering undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked

1/4
 S 35 | S 36
 1927

Dig pits 18 x 18 x 12 ins., one each N. and S, of cor., 3 ft. dist.
 60.00 Enter overflow land, 4.00 chs. wide, course NE., thence over gravel flat.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 25, 26, 35 and 36, brass cap marked

T 5 N R 16 W
 S 26 | S 25
 S 35 | S 36
 1927

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, level.
 Soil, sandy loam and gravelly, 1st and 2nd rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.

N. 89° 49' E., on random line, bet. secs. 25 and 36.
 40.00 Set temp. 1/4 sec. cor.
 80.08 Intersect the cor. of secs. 25, 30, 31 and 36, on E. bdy. of township, described in Book "I".

Thence
 S. 89° 49' W., on true line, bet. secs. 25 and 36.
 Over level land, thru scattering undergrowth.
 40.04 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked

1/4 S 25
 S 36
 1927

Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
 63.08 Enter overflow land, 5.00 chs. wide, course NE.
 80.08 The cor. of secs. 25, 26, 35 and 36.
 Land, level.
 Soil, sandy loam and gravelly, 1st and 2nd rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite, catclaw and palo verde.

N. 0° 4' W., on true line, bet. secs. 25 and 26.
 Over level land, thru scattering undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \$ 26 \quad | \quad \$ 25 \\ \hline 1927 \end{array}$$

Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist. Malpais stone 12 x 12 x 16 ins. lies on W. side of post.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 23, 24, 25 and 26, brass cap marked

$$\begin{array}{cc} T 5 N & R 16 W \\ \$ 23 & | & \$ 24 \\ \$ 26 & | & \$ 25 \\ \hline & & 1927 \end{array}$$

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW., and NW. of cor. 3 ft. dist.

Thence across overflow land, course NE. Land, level.

Soil, sandy loam, 1st rate.

Timber, none.

Undergrowth, creosote and sage brush and cactus.

N. 89° 49' E., on random line, bet. secs. 24 and 25.

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

80.08 Intersect cor. of secs. 19, 24, 25 and 30, on E. bdy. of township, described in Book "I".

Thence

S. 89° 49' W., on true line, bet. secs. 24 and 25.

Over level land, thru scattering undergrowth.

6.08 Dim road, brs. NW. and SE.

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$$\frac{1}{4} \frac{\$ 24}{\$ 25} \\ 1927$$

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

52.08 Enter overflow land 2.00 chs. wide, course NE.

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

Land, level.

Soil, sandy loam, 1st rate.

Timber, none.

Undergrowth, creosote brush and scrub mesquite.

N. 0° 4' W., on true line, bet. secs. 23 and 24.

Over level land, thru a clearing 3.00 chs. wide.

Across overflow land, brs. NE.

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

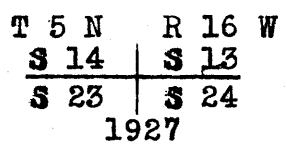
$$\frac{1}{4} \frac{\$ 23}{\$ 24} \\ 1927$$

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

62.00 House, brs. W., about 7.50 chs. dist., thence across land subject to overflow by the Bouse Wash, course NW.

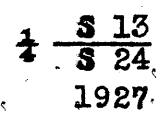
Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains
 70.00 Enter sandy flat, brs. NW. and SE.
 75.00 Enter adobe flat, brs. NW. and SE.
 76.30 Old road, brs. NW. and SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 13, 14, 23 and 24, brass cap marked



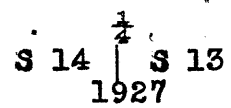
Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.
 Land, level.
 Soil, sandy loam, adobe, 1st rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.

N. 89° 49' E., on random line, bet. secs. 13 and 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect the cor. of secs. 13, 18, 19 and 24, on E. bdy. of township, described in Book "I".
 Thence
 S. 89° 49' W., on true line, bet. secs. 13 and 24.
 Over level land, thru scattering undergrowth.
 10.10 Enter adobe flat, brs. NW. and SE.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked



Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
 60.10 Enter land subject to overflow by the Bouse Wash, course NW.
 80.10 The cor. of secs. 13, 14, 23 and 24.
 Land, level.
 Soil, adobe and sandy loam, 1st rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite.

N. 0° 4' W., on true line, bet. secs. 13 and 14.
 Over level land, thru dense undergrowth.
 2.00 Road, brs. NE. and SW.
 30.00 Enter overflow land, 10.00 chs. wide, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked



Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains the ground for cor. of secs. 11, 12, 13 and 14, brass cap marked

T 5 N . R 16 W	
S 11	S 12
S 14	S 13
1927	

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level.

Soil, sandy loam and adobe, 1st rate.

Timber, none.

Undergrowth, creosote brush and scrub mesquite.

- 40.00 N. 89° 53' E., on random line, bet. secs. 12 and 13.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect the cor. of secs. 7, 12, 13 and 18, on E. bdy. of township, described in Book "I".
Thence
S. 89° 53' W., on true line, bet. secs. 12 and 13.
Over level land, thru scattering undergrowth.
- 1.12 House, brs. S., 40 lks.
- 40.06 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$	S 12
S 11	S 13
1927	

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

60.12 Enter adobe flat, brs. NW. and SE.

80.12 The cor. of secs. 11, 12, 13 and 14.

Land, level.

Soil, sandy loam and adobe, 1st rate.

Timber, none.

Undergrowth, creosote brush and scrub mesquite.

- 10.00 N. 0° 4' W., on true line, bet. secs. 11 and 12.
Over level land, thru scattering undergrowth.
Enter overflow land, 5.00 chs. wide, course from NE. to west.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

S 11	$\frac{1}{4}$	S 12
1927		

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

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 1, 2, 11 and 12, brass cap marked

T 5 N . R 16 W	
S 2	S 1
S 11	S 12
1927	

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.
 Land, level.
 Soil, sandy loam and adobe, 1st rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite and sage brush.
 Some bunch grass.

N. 89° 50' E., on random line, bet. secs. 1 and 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect cor. of secs. 1, 6, 7, and 12, on E. bdy. of township, described in Book "I".
 Thence
 S. 89° 50' W., on true line, bet. secs. 1 and 12.
 Over level land, thru scattering undergrowth.
 15.00 Wash, 20 lks. wide, course SW.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

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

Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
 80.10 The cor. of secs. 1, 2, 11 and 12.
 Land, level.
 Soil, sandy and adobe, 1st rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite, sage brush and cactus.
 Some bunch grass.

N. 0° 4' W. on random line, bet. secs. 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.90 Fall 21 lks. W. of cor. of secs. 1, 2, 35 and 36, on N. bdy. of township, which is an iron post with brass cap, properly marked, and witnessed by one pit in each section.
 Thence
 S. 0° 5' W., on true line, bet. secs. 1 and 2.
 Over level land, thru scattering undergrowth.
 32.90 Enter sandy land, brs. E. and W.
 38.90 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

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

Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist.
 62.90 Enter adobe flat 5.00 chs. wide, brs. E. and W. Drainage west.
 78.90 The cor. of secs. 1, 2, 11 and 12.
 Land, level.
 Soil, sandy loam and adobe, 1st rate.
 Timber, none.
 Undergrowth, creosote and sage brush, scrub mesquite.
 Some bunch grass.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

- Chains From the std. cor. of secs. 34 and 35, on S. bdy. of
T. 5 N., R. 16 W., hereinbefore described.
N. $0^{\circ} 4'$ W., on true line, bet. secs. 34 and 35.
Over level land, thru scattering undergrowth.
- 12.00 Enter overflow land, course NE.
17.00 Leave overflow land. Enter sandy land, bears NE. and SW.
26.98 Ironwood tree, 12 ins. in diam., on line, cut two notches
on N. and S. faces.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$
 S 34 | S 35
 1927

- No trees available.
Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor.
- 60.00 Enter overflow land, 5.00 chs. wide, course NE.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in ground for cor. of secs. 26, 27, 34 and 35, brass
cap marked

T 5 N | R 16 W
 S 27 | S 26
 S 34 | S 35
 1927

From which

Ironwood, 12 ins. in diam., brs. S. 40° W., 248 lks.
dist., mkd. T 5 N R 16 W S 34 B T
No other bearing tree available.
Raise a md. of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, level.
Soil, sandy loam and gravelly, 1st and 3rd rate.
Timber, scattering scrub ironwood.
Undergrowth, creosote brush, scrub mesquite and palo
verde.

- N. $89^{\circ} 50'$ E., on true line, bet. secs. 26 and 35.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect the cor. of secs. 25, 26, 35 and 36.
Thence
S. $89^{\circ} 50'$ W., on true line, bet. secs. 26 and 35.
Over level land, thru scattering undergrowth.
- 25.02 Enter overflow land, course NE.
35.02 Leave overflow land, course NE.
40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$ S 26
 S 35
 1927

- Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.,
3 ft. dist.
Thence over gravel flat.
- 65.02 Enter overflow land, course NE.
75.02 Leave overflow land, course NE.
80.02 The cor. of secs. 26, 27, 34 and 35.
Land, level.
Soil, adobe and gravelly, 1st and 3rd rate.
Timber, none.
Undergrowth, creosote brush and scrub mesquite.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains N. 0° 4' W., on true line, bet. secs. 26 and 27.
Over gravel flat. No undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked

S 27 | S 26
1927

50.00 Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor. Thence thru scattering undergrowth. Over sandy land. Enter overflow land, 5.00 chs. wide, course NE. Thence over gravel flat.

75.00 Enter overflow land, 5.00 chs. wide, course NE.

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

T 5 N | R 16 W
S 22 | S 23
S 27 | S 26
1927

Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor. Land, level.
Soil, gravelly, 3rd rate.
Timber, none.
Undergrowth, creosote brush and scrub mesquite.

N. 89° 50' E., on random line, bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect cor. of secs. 23, 24, 25 and 26.

Thence

S. 89° 50' W., on true line, bet. secs. 23 and 26.

Over level land, thru scattering undergrowth.

28.04 Enter overflow land, 5.00 chs. wide, course NE.; thence over gravel flat, brs. NE. and SW.

37.54 Overflow land, 2.50 chs. wide, course NE.

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked

1/4 S 23
S 26
1927

52.44 Raise md. of stone, 3 ft. base, 2 ft. high, N. of cor. Enter overflow land, 5.00 chs. wide, course NE., thence across gravel flat.

73.04 Enter overflow land, 2.00 chs. wide, course NE.

80.04 The cor. of secs. 22, 23, 26 and 27.

Land, level.

Soil, adobe and gravelly, 2nd and 3rd rate.

Timber, none.

Undergrowth, creosote brush, scrub mesquite and catclaw.

N. 0° 4' W., on true line, bet. secs. 22 and 23.

Over gravel flat, thru scattering undergrowth.

34.00 Enter black gravel flat, brs. NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

$\frac{1}{4}$
 S 22 | S 23
 1927

- Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist.
- 43.00 Old road, brs. NE. and SW.
- 52.00 Enter overflow land, 8.00 chs. wide, course NE., thence over gravel flat.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 14, 15, 22 and 23, brass cap marked

T 5 N R 16 W
 S 15 | S 14
 S 22 | S 23
 1927

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.
 Land, level.
 Soil, sandy loam and gravelly, 1st and 3rd rate.
 Timber, none.
 Undergrowth, catclaw.

- N. 89° 50' E., on random line, bet. secs. 14 and 23.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect the cor. of secs. 13, 14, 23 and 24.
 Thence
- S. 89° 50' W., on true line, bet. secs. 14 and 23.
- Over level land, thru scattering undergrowth,
 Follow dim road to
- 7.00 Road, brs. NW. and SE.
- 23.00 Dim road, brs. W. and NE.
- 30.00 Enter gravel flat, brs. NE. and SW.
- 34.00 House brs. N., 3.00 chs. dist.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$ $\frac{S 14}{S 23}$
 1927

- Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
- 44.00 House brs. N., 4.00 chs. dist.
- 80.00 Cor. of secs. 14, 15, 22 and 23.
 Land, level.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, creosote and sage brush, scrub mesquite and catclaw.

- N. 0° 4' W., on true line, bet. secs. 14 and 15.
- Over level land, thru scattering undergrowth.
- 32.00 Dim road, brs. NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \$ 15 \quad | \quad \$ 14 \\ 1927 \end{array}$$

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

- 54.00 Enter overflow land, 4.00 chs. wide, course NE.
- 60.00 Enter gravel flat, brs. NE. and SW.
- 71.40 Enter mesquite thicket 100 lks. wide, brs. E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 10, 11, 14 and 15, brass cap marked

$$\begin{array}{cc} T 5 N & R 16 W \\ \$ 10 & | & \$ 11 \\ \$ 15 & | & \$ 14 \\ 1927 \end{array}$$

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level.
 Soil, sandy loam and gravelly, 1st and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite.
 Some bunch grass.

- 40.00 N. 89° 45' E., on random line, bet. secs. 11 and 14. Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect cor. of secs. 11, 12, 13 and 14.

Thence
 S. 89° 45' W., on true line, bet. secs. 11 and 14.
 Over level land, thru scattering undergrowth.

- 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$$\frac{1}{4} \frac{\$ 11}{\$ 14} \\ 1927$$

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

- 63.98 Road, brs. NW. and SE.
- 79.98 The cor. of secs. 10, 11, 14 and 15.
 Land, level.
 Soil, sandy loam and gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite and catclaw.

N. 0° 4' W., on true line, bet. secs. 10 and 11. Across level land, subject to overflow, course NW.

- 19.00 Road, brs. NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \$ 10 \quad | \quad \$ 11 \\ 1927 \end{array}$$

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

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 2, 3, 10 and 11, brass cap marked

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

T 5 N	R 16 W
S 3	S 2
S 10	S 11
1927	

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

There is a field about 8.00 chs. wide extending along E. side of sec. 10.

Land, level.

Soil, adobe and sandy loam, 1st rate.

Timber, none.

Undergrowth, creosote brush.

- 40.00 N. 89° 50' E., on random line, bet. secs. 2 and 11.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect the cor. of secs. 1, 2, 11 and 12.
Thence
S. 89° 50' W., on true line, bet. secs. 2 and 11.
Over level land. West drainage.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$	S 2
	S 11
1927	

- 80.00 Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
The cor. of secs. 2, 3, 10 and 11.
Land, level.
Soil, adobe and sandy loam, 1st and 2nd rate.
Timber, none.
Undergrowth, creosote brush.

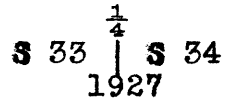
- 40.00 N. 0° 5' E. on random line, bet. secs. 2 and 3.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.24 Fall 7 lks. E. of cor. of secs. 2, 3, 34 and 35, on N. bdy. of township, which is an iron post, 2 ins. in diam., projecting 12 ins. above the ground, with brass cap properly marked, witnessed by a pit in each section.
- Thence
S. 0° 2' W., on true line, bet. secs. 2 and 3.
Over level land, thru scattering undergrowth.
- 14.24 Enter overflow land, 5.00 chs. wide, course SW.
- 39.24 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., brass cap marked

S 3	$\frac{1}{4}$	S 2
1927		

- 79.24 Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist.
Thence over adobe flat. No brush.
The cor. of secs. 2, 3, 10 and 11.
Land, level.
Soil, adobe.
Timber, none.
Undergrowth, scattering creosote brush and scrub mesquite.

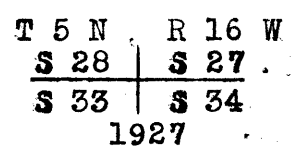
Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains From the standard cor. of secs. 33 and 34, on the S. bdy. of T. 5 N., R. 16 W., hereinbefore described.
 N. 0° 5' W., on true line, bet. secs. 33 and 34.
 Over level land, thru scattering timber and undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked



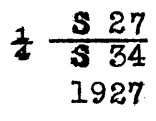
From which
 Ironwood, 8 ins. in diam., brs. S. 11 1/2° E., 50 lks. dist., marked 1/4 S 34 B T.
 Ironwood, 6 ins. in diam., brs. N. 35° W., 34 lks. dist., marked 1/4 S 33 B T.

Northeast drainage.
 70.00 Overflow land, 3.00 chs. wide, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 27, 28, 33 and 34, brass cap marked



From which
 Ironwood tree, 10 ins. in diam., brs. S. 47° W., 135 lks. dist., marked T 5 N R 16 W S 33 B T.
 No other bearing tree available.
 Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor. Land, level.
 Soil, sandy and gravelly, 2nd rate.
 Timber, scattering scrub ironwood and palo verde.
 Undergrowth, creosote brush and scrub mesquite.

N. 89° 50' E., on random line, bet. secs. 27 and 34.
 40.00 Set temp. 1/4 sec. cor.
 79.98 Intersect cor. of secs. 26, 27, 34 and 35.
 Thence
 S. 89° 50' W., on true line, bet. secs. 27 and 34.
 Over level land, thru scattering undergrowth.
 19.98 Enter overflow land, 3.00 chs. wide, course NE.
 Thence over black gravel flat,
 37.98 Overflow land, 10.00 chs. wide, course NE.
 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for 1/4 sec. cor., brass cap marked



Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
 69.98 Overflow land, 1.00 ch. wide, course NE.
 79.98 The cor. of secs. 27, 28, 33 and 34.
 Land, level.
 Soil, sandy loam and gravelly, 1st and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite, palo verde and ironwood.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains	N. 0° 5' W., on true line, bet. secs. 27 and 28. Over level land, thru scattering undergrowth.
20.00	Enter gravel flat, brs. NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 28 \quad \quad \text{S } 27 \\ 1927 \end{array}$
	Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor. Thence over black gravel flat.
70.00	Enter overflow land, 2.00 chs. wide, course NE.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 21, 22, 27 and 28, brass cap marked
	$\begin{array}{cc} \text{T } 5 \text{ N} & \text{R } 16 \text{ W} \\ \text{S } 21 & \quad \text{S } 22 \\ \text{S } 28 & \quad \text{S } 27 \\ 1927 \end{array}$
	Raise md. of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, level. Soil, sandy loam and gravelly, 1st and 3rd rate. Timber, none. Undergrowth, creosote brush and scrub mesquite.

	N. 89° 50' E., on random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect cor. of secs. 22, 23, 26 and 27. Thence
	S. 89° 50' W., on true line, bet. secs. 22 and 27. Over level land, thru scattering undergrowth.
27.92	Enter overflow land, 2.00 chs. wide, course NE.
34.92	Drain, course NE.
39.96	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked
	$\frac{1}{4} \frac{\text{S } 22}{\text{S } 27}$ 1927
67.92	Raise md. of stone, 3 ft. base, 2 ft. high, N. of cor. Enter overflow land, 7.00 chs. wide, course NE. Thence over black gravel flat.
79.92	The cor. of secs. 21, 22, 27 and 28. Land, level. Soil, sandy loam and gravelly, 2nd and 3rd rate. Timber, none. Undergrowth, creosote brush, scrub mesquite, catclaw, ironwood and palo verde.

	N. 0° 5' W., on true line, bet. secs. 21 and 22. Over level land, thru scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked
	$\text{S } 21 \quad \quad \text{S } 22$ 1927

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains Dig pits 18 x 18 x 12 ins., one each N. and S. of cor.,
3 ft. dist.
60.00 Enter gravel flat, brs. NE. and SW.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in ground for cor. of secs. 15, 16, 21 and 22, brass
cap marked

T 5 N	R 16 W
<u>S 16</u>	<u>S 15</u>
S 21	S 22
1927	

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and
NW. of cor., 3 ft. dist:
Land, level.
Soil, sandy loam and gravelly, 1st and 3rd rate.
Timber, none.
Undergrowth, creosote brush, and scrub mesquite.

40.00 N. 89° 50' E., on random line, bet. secs. 15 and 22.
Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect cor. of secs. 14, 15, 22 and 23.
Thence
S. 89° 50' W., on true line, bet. secs. 15 and 22.
Over level land, thru scattering undergrowth.
21.56 House brs. S. 4 links dist.
39.98 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$	<u>S 15</u>
	<u>S 22</u>
1927	

79.96 Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.,
3 ft. dist.
Drainage northeast.
The cor. of secs. 15, 16, 21 and 22.
Land, level. Drainage northeast.
Soil, sandy loam and gravelly, 1st and 3rd rate.
Timber, none.
Undergrowth, creosote and sage brush.

40.00 N. 0° 5' W., on true line, bet. secs. 15 and 16.
Over level land, thru scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

S 16	$\frac{1}{4}$	S 15
1927		

80.00 Dig pits 18 x 18 x 12 ins., one each N. and S. of cor.,
3 ft. dist.
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in ground for cor. of secs. 9, 10, 15 and 16, brass
cap, marked

T 5 N	R 16 W
<u>S 9</u>	<u>S 10</u>
<u>S 16</u>	<u>S 15</u>
1927	

BOOK 3792

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.
Land, level.
Soil, sandy loam, 1st rate.
Timber, none.
Undergrowth, creosote brush.
Some bunch grass.

N. 89° 50' E., on random line, bet. secs. 10 and 15.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect cor. of secs. 10, 11, 14 and 15.
Thence
S. 89° 50' W., on true line, bet. secs. 10 and 15.
Over level land.
7.00 SW. cor. of field, from E. to N.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$$\frac{1}{4} \begin{array}{r} \$ 10 \\ \$ 15 \\ 1927 \end{array}$$

Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
Thence over level flat.
50.00 Enter overflow land, 5.00 chs. wide, course NE.
80.00 The cor. of secs. 9, 10, 15 and 16.
Land, level.
Soil, adobe and gravelly, 2nd and 3rd rate.
Timber, none.
Undergrowth, creosote brush and mesquite.

N. 0° 5' W., on true line, bet. secs. 9 and 10.
Over level land, thru scattering undergrowth.
39.20 Drain, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$$\begin{array}{ccc} & \frac{1}{4} & \\ \$ 9 & | & \$ 10 \\ & 1927 & \end{array}$$

Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 3, 4, 9 and 10, brass cap marked

$$\begin{array}{cc} T 5 N & R 16 W \\ \$ 4 & | & \$ 3 \\ \$ 9 & | & \$ 10 \\ & 1927 & \end{array}$$

Land, level.
Soil, adobe, 2nd rate.
Timber, none.
Undergrowth, creosote brush.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains N. 89° 50' E., on random line, bet. secs. 3 and 10.
 40.00 Set temp. 1/4 sec. cor.
 80.10 Intersect cor. of secs. 2, 3, 10 and 11.
 Thence
 S. 89° 50' W., on true line, bet. secs. 3 and 10.
 Over level land, thru scattering undergrowth.
 Northwest drainage.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for 1/4 sec. cor., brass cap marked

1/4 $\frac{S 3}{S 10}$
 1927.

Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.,
 3 ft. dist.
 60.10 SE. Cor. of field extends 7.50 chs. N., thence along S.
 side of field.
 74.80 Road, brs. NW. and SE. Leave field.
 80.10 The cor. of secs. 3, 4, 9 and 10.
 Land, level, subject to overflow. NW. Drainage.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.

N. 0° 1' E. on random line, bet. secs. 3 and 4.
 40.00 Set temp. 1/4 sec. cor.
 79.57 Fall 9 lks. W. of cor. of secs. 3, 4, 33 and 34, which
 is an iron post, on N. bdy. of township, projecting
 12 ins. above ground, 2 ins. in diam., firmly set,
 properly marked on brass cap, witnessed by one pit
 in each section
 Thence
 S. 0° 5' W., on true line, bet. secs. 3 and 4.
 Over level land, thru scattering undergrowth.
 14.57 Enter overflow land, 10.00 chs. wide, course NW.
 39.57 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for 1/4 sec. cor., brass cap marked

S 4 $\frac{1}{4}$ S 3
 1927

Dig pits 18 x 18 x 12 ins., one each N. and S. of cor.,
 3 ft. dist.
 63.57 Road, brs. NW. and SE.
 70.07 House, brs. E. 250 lks. dist.
 79.57 The cor. of secs. 3, 4, 9 and 10.
 Land, level.
 Soil, adobe, 2nd rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.
 Northwest drainage.

From the std. cor. of secs. 32 and 33, on S. bdy. of T.
 5 N., R. 16 W., hereinbefore described.
 N. 0° 5' W., on true line, bet. secs. 32 and 33.
 Over level land, thru scattering undergrowth.
 Across overflow land, course NE.
 4.00 Enter gravel flat, brs. NE. and SW.
 27.00 Enter adobe flat, brs. NE. and SW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 27 ins in

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

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

$\begin{array}{c} \uparrow \\ \text{S } 32 \quad \text{S } 33 \\ 1927 \end{array}$

From which

Palo verde, 12 ins. in diam., brs. S. 45° E., 49 lks. dist., marked $\frac{1}{4}$ S 33 B T.

No other tree available.

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

78.00 Overflow land, 2.00 chs. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 28, 29, 32 and 33, brass cap marked

$\begin{array}{c|c} \text{T } 5 \text{ N} & \text{R } 16 \text{ W} \\ \hline \text{S } 29 & \text{S } 28 \\ \hline \text{S } 32 & \text{S } 33 \\ 1927 \end{array}$

No bearing trees available.

Raise a md. of stone, 3 ft. base, 2 ft. high, W. of cor. Land, level.

Soil, gravelly, 3rd rate.

Timber, scattering scrub ironwood and palo verde.

Undergrowth, creosote brush and scrub mesquite.

40.00 N. 89° 48' E., on random line, bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect cor. of secs. 27, 28, 33 and 34.

Thence

S. 89° 48' W., on true line, bet. secs. 28 and 33.

Over level land, thru scattering undergrowth.

3.94 Enter adobe flat, brs. NE. and SW.

9.94 Enter overflow land, 5.00 chs. wide, course NE.

39.97 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4} \frac{\text{S } 28}{\text{S } 33}$
1927

Raise md. of stone, 3 ft. base, 2 ft. high, N. of cor.

42.94 Enter gravel flat, brs. NE. and SW.

54.94 Enter sandy flat, brs. NE. and SW.

65.94 Enter overflow land, 2.00 chs. wide, course NE.

79.94 The cor. of secs. 28, 29, 32 and 33.

Land, level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, creosote brush, cholla, ocotillo, scrub mesquite, palo verde and ironwood.

N. 0° 5' W., on true line, bet. secs. 28 and 29.

Over level land, thru scattering undergrowth.

12.00 Enter overflow land 5.00 chs. wide, course NE.

35.00 Enter gravel flat, brs. NE. and SW.

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

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

$\frac{1}{4}$
 S 29 | S 28
 1927

- Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor.
- 50.00 Enter sandy land, brs. NE. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 20, 21, 28 and 29, brass cap marked

T 5 N R 16 W
 S 20 | S 21
 S 29 | S 28
 1927

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.
 Land, level.
 Soil, sandy loam, and gravelly, 1st and 2nd rate.
 Timber, none.
 Undergrowth, creosote brush.
 Scattering bunch grass.

- N. 89° 48' E., on random line, bet. secs. 21 and 28.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect cor. of secs. 21, 22, 27 and 28.
Thence
- S. 89° 48' W., on true line, bet. secs. 21 and 28.
Over level land, thru scattering undergrowth.
Across gravel flat.
- 14.92 Leave gravel flat, brs. NE. and SW.
- 29.92 Enter overflow land, 10.00 chs. wide, course NE.
- 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$ $\frac{S 21}{S 28}$
 1927

- Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
- Thence over gravel flat.
- 44.92 Leave gravel flat, enter overflow land, course NE.
- 54.92 Leave overflow land, course NE. Enter sandy flat.
- 79.92 The cor. of secs. 20, 21, 28 and 29.
Land, level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Undergrowth, creosote brush.

- N. 0° 5' W., on true line, bet. secs. 20 and 21.
Over level land, thru scattering undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked.

$\frac{1}{4}$
 S 20 | S 21
 1927

- Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist.
- 75.00 Enter overflow land, 4.00 chs. wide, course NE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 16, 17, 20 and 21, brass cap marked

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

T 5 N	R 16 W
S 17	S 16
S 20	S 21
1927	

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level.

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

Timber, none.

Undergrowth, creosote brush and scrub mesquite.

-
- N. 89° 50' E., on random line, bet. secs. 16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect cor. of secs. 15, 16, 21 and 22.
 Thence
 S. 89° 50' W., on true line, bet. secs. 16 and 21.
 Over level land, thru scattering undergrowth.
 39.98 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$	S 16
$\frac{1}{4}$	S 21
1927	

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

- 69.96 Enter overflow land, 4.00 chs. wide, course NE.

- 79.96 The cor. of secs. 16, 17, 20 and 21.

Land, level.

Soil, sandy loam, 1st rate.

Timber, none.

Undergrowth, creosote brush, and scrub mesquite.

Some bunch grass.

-
- N. 0° 5' W., on true line, bet. secs. 16 and 17.
 Over level land, thru scattering undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked

S 17	S 16
1927	

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

- 75.00 Enter gravel flat, brs. NE. and SW.

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

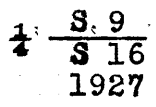
T 5 N	R 16 W
S 8	S 9
S 17	S 16
1927	

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

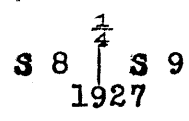
Chains Land, level.
 Soil, sandy loam and gravelly, 1st and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush.

40.00 N. 89° 50' E., on random line, bet. secs. 9 and 16.
 Set temp. 1/4 sec. cor.
 79.98 Intersect cor. of secs. 9, 10, 15 and 16.
 Thence
 S. 89° 50' W., on true line, bet. secs. 9 and 16.
 Over level land, thru scattering undergrowth.
 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for 1/4 sec. cor., brass cap marked

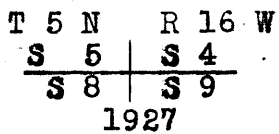


79.98 Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.,
 3 ft. dist.
 The cor. of secs. 8, 9, 16 and 17.
 Land, level.
 Soil, sandy loam, 1st rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.

20.00 N. 0° 5' W., on true line, bet. secs. 8 and 9.
 Over level land, thru scattering undergrowth.
 Enter overflow land, 3.00 chs. wide, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for 1/4 sec. cor., brass cap marked



45.00 Dig pits 18 x 18 x 12 ins., one each N. and S. of cor.,
 3 ft. dist.
 Enter sandy flat, brs. NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
 in ground for cor. of secs. 4, 5, 8 and 9, brass cap
 marked,



Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and
 NW. of cor., 3 ft. dist.
 Land, level.
 Soil, sandy loam, 1st rate.
 Timber, none.
 Undergrowth, creosote brush, and scrub mesquite.
 Some bunch grass.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

- Chains N. 89° 50' E., on random line, bet. secs. 4 and 9.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect the cor. of secs. 3, 4, 9 and 10.
 Thence
 S. 89° 50' W., on true line, bet. secs. 4 and 9.
 Over level land, thru scattering undergrowth, across
 adobe flat.
 20.00 Leave overflow land, enter gravel flat, brs. NW. and SE.
 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for $\frac{1}{4}$ sec. cor., brass cap marked

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

1927

- Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.,
 3 ft. dist.
 79.92 The cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, adobe and gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.

- N. 0° 5' E. on random line, bet. secs. 4 and 5.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Fall 12 lks. E. of cor. of secs. 4, 5, 32 and 33, on N. bdy.
 of township, which is an iron post, 2 ins. in diam.,
 projecting 12 ins. above ground, firmly set and pro-
 perly marked on brass cap, and witnessed by one pit
 in each section.
 Thence South, on true line, bet. secs. 4 and 5.
 Over level land, thru scattering undergrowth.
 9.96 Leave adobe land. Enter sandy land, brs. NW. and SE.
 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.
 in ground for $\frac{1}{4}$ sec. cor., brass cap marked

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

1927

- Dig pits 18 x 18 x 12 ins., one each N. and S. of cor.,
 3 ft. dist.
 41.16 Drain, course N. 10° E.
 79.96 The cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, sandy and adobe, 2nd rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.

- From the std. cor. of secs. 31 and 32 on S. bdy. of T.
 5 N., R. 16 W., hereinbefore described.
 N. 0° 6' W., on true line, bet. secs. 31 and 32.
 Over level land, thru scattering undergrowth.
 39.50 Drain, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for $\frac{1}{4}$ sec. cor., brass cap marked

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

1927

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains From which
 Ironwood, 24 ins. in diam., brs. S. 27° E., 37 lks. dist.
 marked $\frac{1}{4}$ S 32 B T.
 No other tree available.
 Raise a md. of stone, 3 ft. base, 2 ft. high, W. of cor.
 Thence over gravel flat.
 69.50 Wash, 20 lks. wide, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
 in ground for cor. of secs. 29, 30, 31 and 32, brass
 cap marked

T 5 N	R 16 W
S 30	S 29
S 31	S 32
1927	

No trees available. Raise a md. stone 3 ft. base, 2
 ft. high W. of cor.
 Land, level.
 Soil, stony and gravelly, 3rd rate.
 Timber, scattering scrub palo verde and ironwood.
 Undergrowth, creosote brush, scrub mesquite, palo verde,
 and catclaw, cholla and ocotillo.
 Giant cactus.

N. 89° 50' E., on random line, bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect cor. of secs. 28, 29, 32 and 33.
 Thence
 S. 89° 50' W., on true line, bet. secs. 29 and 32.
 Over level land, thru scattering undergrowth.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$	S 29
	S 32
1927	

Raise a md. of stone, 3 ft. base, 2 ft. high, N. of cor.
 65.10 Wash, 20 lks. wide, course NE.
 80.10 The cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, gravelly and sandy, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush, scrub mesquite, palo verde
 and ironwood.

S. 89° 55' W., on random line, bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.57 Fall 12 lks. N. of cor. of secs. 25, 30, 31 and 36, on
 W. bdy. of township, hereinbefore described.
 Thence,
 N. 89° 50' E., on true line, bet. secs. 30 and 31.
 Over level land, thru scattering undergrowth.
 16.87 Wash, 20 lks. wide, course NE.
 36.07 Drain, course NE.
 40.57 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for $\frac{1}{4}$ sec. cor., brass cap marked

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

$$\frac{1}{4} \frac{S 30}{S 31}$$
 1927

- 71.57 Raise md. of stone 3 ft. base, 2 ft. high, N. of cor.
 Drain, course NE.
 76.07 Drain, course NE.
 80.57 The cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, gravelly, 3rd rate.
 Timber, none.
 Undergrowth, creosote brush, scrub palo verde, ironwood
 and mesquite.

- N. 0° 6' W., on true line, bet. secs. 29 and 30.
 Over level land, thru scattering undergrowth.
 9.50 Drain, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for $\frac{1}{4}$ sec. cor., brass cap marked

$$S 30 \quad \frac{1}{4} \quad S 29$$
 1927

- Dig pits 18 x 18 x 12 ins., one each N. and S. of cor.,
 3 ft. dist.
 41.50 Drain, course NE.
 75.00 Enter gravel flat, brs. NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
 ground for cor. of secs. 19, 20, 29 and 30, brass
 cap marked

T 5 N.	R 16 W
S 19	S 20
S 30	S 29

 1927

Raise md. of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, level.
 Soil, gravelly and sandy loam, 1st and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush, scrub palo verde, ironwood
 and mesquite.

- N. 89° 50' E., on random line, bet. secs. 20 and 29.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect the cor. of secs. 20, 21, 28 and 29.
 Thence
 S. 89° 50' W., on true line, bet. secs. 20 and 29.
 Over level land, thru scattering undergrowth.
 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for $\frac{1}{4}$ sec. cor., brass cap marked

$$\frac{1}{4} \frac{S 20}{S 29}$$
 1927

- 52.04 Raise md. of stone, 3 ft. base, 2 ft. high, N. of cor.
 Enter overflow land, 2.00 chs. wide, course NE., thence
 over gravel flat.
 80.04 The cor. of secs. 19, 20, 29 and 30.
 Land, level.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains Soil, gravelly and sandy loam, 1st and 2nd rate.
 Timber, none.
 Undergrowth, creosote brush.

S. 89° 50' W., on random line, bet. secs. 19 and 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.77 Intersect the cor. of secs. 19, 24, 25 and 30, on W. bdy.
 of township, hereinbefore described.

Thence
 N. 89° 50' E., on a true line, bet. secs. 19 and 30.
 Over level land, thru scattering undergrowth.
 13.27 Enter overflow land, 5.00 chs. wide, course NE.
 28.77 Enter overflow land, 5.00 chs. wide, course NE.
 40.77 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$ $\frac{S 19}{S 30}$
 1927

Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.,
 3 ft. dist.
 65.77 Enter overflow land, 3.00 chs. wide, course NE.
 71.77 Enter overflow land, 2.00 chs. wide, course NE.
 80.77 The cor. of secs. 19, 20, 29 and 30.
 Land, level.
 Soil, sandy and gravelly, 2nd rate.
 Timber, none.
 Undergrowth, creosote brush.

N. 0° 6' W., on true line, bet. secs. 19 and 20.
 Over level land, thru scattering undergrowth.
 15.00 Enter overflow land, 5.00 chs. wide.
 30.00 Enter gravel flat bears NE. and SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4}$
 S 19 | S 20
 1927

Raise a md. of stone, 3 ft. base, 2 ft. high, W. of cor.
 45.00 Ironwood, 12 ins. in diam., on line, cut 2 notches on
 N. and S. faces.
 70.00 Enter overflow land, 5.00 chs. wide, course NE. Enter
 sandy flat.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
 in ground for cor. of secs. 17, 18, 19 and 20, brass
 cap marked

T 5 N R 16 W
S 18 | S 17
 S 19 | S 20
 1927

From which
 Ironwood, 8 ins. in diam., brs. S. 8° E., 51 lks.
 dist., marked T 5 N R 16 W S 20 B T.
 Ironwood, 6 ins. in diam., brs. S. 65° W., 51 lks.
 dist., marked T 5 N R 16 W S 19 B T.
 No other tree available.
 Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and
 NW. of cor., 3 ft. dist.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

- Chains Land, level.
Soil, sandy loam and gravelly, 2nd and 3rd rate.
Timber, scattering scrub ironwood and palo verde.
Undergrowth, creosote brush and scrub mesquite.
-
- N. 89° 50' E., on random line, bet. secs. 17 and 20.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect cor. of secs. 16, 17, 20 and 21.
Thence
S. 89° 50' W., on true line, bet. secs. 17 and 20.
Over level land, thru scattering undergrowth.
40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked
- $$\frac{1}{4} \frac{S 17}{S 20}$$
- 1927
- Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3
ft. dist.
68.02 Wash, 10 lks. wide, course NE.
80.02 The cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, sandy loam, 1st rate.
Timber, none.
Undergrowth, creosote brush, scrub mesquite, palo verde
and ironwood.
-
- S. 89° 50' W., on random line, bet. secs. 18 and 19.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.79 Fall 6 lks. N. of cor. of secs. 13, 18, 19 and 24, on W.
Thence bdy. of township, hereinbefore described.
N. 89° 47' E., on true line, bet. secs. 18 and 19.
Over level land, thru scattering undergrowth.
8.79 Drain, course NE.
21.39 Drain, course NE.
40.79 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked
- $$\frac{1}{4} \frac{S 18}{S 19}$$
- 1927
- Raise md. of stone, 3 ft. base, 2 ft. high, N. of cor.
Thence over black gravel flat.
60.79 Enter overflow land, 2.00 chs. wide, course NE.
80.79 The cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, gravelly and sandy loam, 1st and 3rd rate.
Timber, none
Undergrowth, creosote brush, scrub palo verde, ironwood,
mesquite and catclaw.
-
- N. 0° 6' W., on true line, bet. secs. 17 and 18.
Over level land, thru scattering undergrowth.
11.00 Enter overflow land, .200 chs. wide, course NE.
30.00 Enter overflow land, 5.00 chs. wide, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

Survey of Subdivisional Lines of Township 5 North, Range 16 West

Chains

$\frac{1}{4}$
 $\$ 18 \quad | \quad \$ 17$
 1927

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

Thence over gravel flat.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
ground for cor. of secs. 7, 8, 17 and 18, brass cap
marked

T 5 N R 16 W
 $\$ 7 \quad | \quad \$ 8$
 $\$ 18 \quad | \quad \$ 17$
 1927

From which

Ironwood, 8 ins. in diam., brs. N. 54° E., 47 lks.
dist., marked T 5 N R 16 W S 8 B T.

No other bearing trees available.

Raise a md. of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, level.

Soil, sandy loam and gravelly, 1st and 3rd rate.

Timber, scattering scrub ironwood.

Undergrowth, creosote brush, scrub palo verde, ironwood
and mesquite.

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

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

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

Thence

S. 89° 48' W., on true line, bet. secs. 8 and 17.

Over level land, across black gravel flat.

20.22 Leave gravel flat. Enter overflow land, 2.00 chs. wide,
course NE.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor. brass cap marked

$\frac{1}{4} \frac{\$ 8}{\$ 17}$
 1927

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

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

Land, level.

Soil, sandy loam and gravelly, 1st and 3rd rate.

Timber, none.

Undergrowth, creosote brush, scrub mesquite, palo verde
and ironwood.

S. 89° 46' W., on random line, bet. secs. 7 and 18.

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

80.82 Intersect the cor. of secs. 7, 12, 13 and 18, on the west
bdy. of township, hereinbefore described.

Thence

N. 89° 46' E., on true line, bet. secs. 7 and 18.

Over level land, thru scattering undergrowth and timber.

5.52 Wash, 10 lks. wide, course NE.

8.82 Wash, 10 lks. wide, course NE.

40.82 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

$$\frac{1}{4} \frac{S 7}{S 18}$$
 1927

No bearing trees available.

Raise md. of stone, 3 ft. base, 2 ft. high, N. of cor.

41.82 Drain, course NE.

60.82 Wash, 20 lks. wide, course NE.

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

Land, level.

Soil, gravelly, 3rd rate.

Timber, scrub mesquite, palo verde and ironwood.

Undergrowth, creosote brush, ocotillo, cholla, and scrub catclaw.

N. 0° 6' W., on true line, bet. secs. 7 and 8.

Over level land, thru scattering undergrowth and across gravel flat.

11.00 Enter overflow land, 4.00 chs. wide, course NE.

31.00 Enter overflow land, 3.00 chs. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked
$$S 7 \frac{1}{4} S 8$$
 1927

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

42.00 Enter overflow land, 100 chs. wide, course NE.

49.00 Drain, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 5, 6, 7 and 8, brass cap marked

T 5 N	R 16 W
S 6	S 5
S 7	S 8

 1927

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level.

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

Timber, none.

Undergrowth, creosote brush, scrub palo verde, mesquite and ironwood.

N. 89° 50' E., on random line, bet. secs. 5 and 8.

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

80.00 Intersect the cor. of secs. 4, 5, 8 and 9.

Thence

S. 89° 50' W., on true line, bet. secs. 5 and 8.

Over level land, thru scattering undergrowth.

15.00 Enter overflow land, 10.00 chs. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for $\frac{1}{4}$ sec. cor., brass cap marked
$$\frac{1}{4} \frac{S 5}{S 8}$$
 1927

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.
3 ft. dist.
65.00 Enter overflow land, 3.00 chs. wide, course NE.
74.00 Enter overflow land, 140 lks. wide, course NE.
80.00 The cor. of secs. 5, 6, 7 and 8.
Land, level.
Soil, sandy and gravelly, 2nd and 3rd.
Timber, none.
Undergrowth, creosote brush, scrub palo verde, ironwood
and mesquite.

S. 89° 50' W., on random line bet. secs. 6 and 7.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.85 Intersect the cor. of secs. 1, 6, 7 and 12, on the W.
bdy. of the township, hereinbefore described.
Thence
N. 89° 50' E., on true line, bet. secs. 6 and 7.
Over level land, thru scattering undergrowth and across
gravel flat.
27.85 Enter overflow land, 3.00 chs. wide, course NE.
36.85 Drain, course NE.
40.85 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

$\frac{1}{4} \frac{S 6}{S 7}$
1927

Raise md. of stone, 3 ft. base, 2 ft. high, N. of cor.
Thence across black gravel flat.
71.85 Enter overflow land, 2.00 chs. wide, course NE.
80.85 The cor. of secs. 5, 6, 7 and 8.
Land, level.
Soil, gravelly and clay, 3rd rate.
Timber, none.
Undergrowth, creosote brush, scrub mesquite, palo verde
and ironwood.

North, on random line, bet. secs. 5 and 6.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.32 Fall 5 lks. W. of cor. of secs. 5, 6, 31 and 32 on N.
bdy. of township, which is an iron post, 2 ins. in
diam., projecting 12 ins. above ground, firmly set
and properly marked on brass cap, witnessed by one
pit in each section.
Thence
S. 0° 2' W., on true line, bet. secs. 5 and 6.
Over level land, thru scattering undergrowth, across
land subject to overflow.
21.32 Drain, course NE., thence over gravel flat.
40.32 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
ground for $\frac{1}{4}$ sec. cor., brass cap marked

$S 6 \frac{1}{4} S 5$
1927

Dig pits 18 x 18 x 12 ins., one each N. and S. of cor.,
3 ft. dist.
51.32 Leave gravel flat. Enter overflow land, course NE.
70.32 Leave overflow land, course NE. Thence over sandy land.

Survey of Subdivisional Lines of Township 5 North, Range 16 West.

Chains

80.32: The cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, sandy loam, and gravelly, 1st and 3rd rate.
 Timber, none.
 Undergrowth, creosote brush and scrub mesquite.

The continued satisfactory adjustment of the solar apparatus of the instrument used in the execution of the surveys described in the foregoing field notes is indicated from field tests described in Book "L" of this group.

GENERAL DESCRIPTION.

This township is nearly level.

Soil, sandy loam, adobe and gravelly, 1st, 2nd and 3rd rate.

Timber, none of any value.

Undergrowth, creosote brush, ocotillo, scrub mesquite, palo verde, ironwood and catclaw.

Some bunch grass on the overflow land.

The Bouse Wash enters the township thru sections 24 and 25 and leaves thru sections 4 and 5. It has no well defined channel. During periods of flood the water spreads over the adjoining lands and is, in places, one-half mile wide.

There are eight or ten settlers in the township.

No indications of mineral were observed on any of the foregoing lines.

Mean magnetic declination 15° E.

4-680

FIELD ASSISTANTS.

To

William H. Thorn, U.S. Cadastral Engineer

NAMES.	CAPACITY.
James Shine	1st Chainman
Albert L. Bailey	2nd Chainman
George M. Tucker	Flagman
George B. Stangenberger	Moundman
Leroy Ballantyne	Axman

CERTIFICATE OF U.S. 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. District Cadastral Engineer, for Group 143, Arizona, bearing date of the 23rd day of July, 1926, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____
the First Standard Parallel North in Range 16 West,
and West Boundary of Township 5 North, Range 16 West
and surveyed all those parts or portions of
the Subdivision Lines of
Township 5 North, Range 16 West _____ of the Gila and Salt
River Base and Meridian, in the State of Arizona, which are represented in
and by diagram on page 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. District Cadastral Engineer, for Group 143, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: Phoenix, Arizona,

Date: April 16, 1927.

William H. Thorn
 U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SUPERVISOR OF SURVEYS,

Denver, Colo., DEC. 10, 1927

The foregoing field notes of the resurvey of the First Standard Parallel North
thru Range 16 West, and the West Boundary of T. 5 N., R. 16 W.
and of the SURVEY of
the Subdivision Lines of
Township 5 North, Range 16 West
of the Gila and Salt River Base and Meridian, in the State of Arizona
executed by William H. Thorn, U.S. Cadastral Engineer
under his special instructions dated July 23, 1926 for Group 143, 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.

Charles J. Simon
 U.S. Supervisor of Surveys.

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