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FIELD NOTES

OF THE RESURVEY OF

Part of the SOUTH BOUNDARY,

Part of the EAST BOUNDARY, and

Part of the WEST BOUNDARY,

AND OF THE SURVEY OF

Part (Completion) of the WEST BOUNDARY, and

All of the SUBDIVISION LINES of

TOWNSHIP 11 SOUTH, RANGE 13 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

WILLIAM H. THORN, U. S. CADASTRAL ENGINEER,

In the capacity of U. S. Surveyor, under Special Instructions dated May 31, 1921, issued by the United States Surveyor General to govern surveys included in Group No. 117, Arizona, which were approved by the Commissioner of the General Land Office, June 27, 1921, and Assignment Instructions dated October 1, 1921.

Resurvey & Survey commenced November 14, 1921.

Resurvey & Survey completed December 15, 1921.

3600

3600

Resurveys and surveys herein described were executed on dates shown on diagram on page 1 hereof, by William H. Thorn, U.S. Cadastral Engineer, using Young and Sons light mountain transit No. 8592; the instrument is equipped with full vertical circle, and Smith solar attachment; unless otherwise specified, all azimuth determinations are accomplished with the solar attachment.

November 12, 1921: I examine the adjustments of the instrument, and correct all 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 observations, I proceed as follows:

November 13, 1921: At my camp near the center of sec. 21, T. 11 S., R. 13 E., G. and S. R. B. and M., Arizona, lat. $32^{\circ} 27\frac{1}{2}'$ N., long. $111^{\circ} 1'$ W., at 4h. 3.3m. a.m., l.m.t., I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a peg driven firmly in the ground, 5 chs. N.

Azimuth of Polaris at western elongation is $1^{\circ} 18' 54''$.

At 8h. 0m. a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ} 19'$ to the east, and mark the meridian thus determined by a tack driven in a peg firmly set in the ground, 5 chs. N.

At 9h. 0m., a.m., l.m.t., I set off $32^{\circ} 27\frac{1}{2}'$ N. on the lat. arc; $17^{\circ} 55\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian with the solar; the resulting reading of the decl. arc is $17^{\circ} 58' S.$, which is the computed decl. of the sun.

At 3h. 0m., p.m., l.m.t., with the lat. arc unchanged, I set off $17^{\circ} 59\frac{1}{2}' S.$ on the decl. arc; and determine a meridian with the solar, which I find to agree with the true meridian.

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

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

Daylight observations on Polaris.

Nov. 16, 1921: At the cor. of secs. 23, 24, 25 and 26, T. 11 S., R. 13 E., at 3h. 55.2m. p.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each in direct and reversed positions. From the mean thus determined, I lay off the azimuth of Polaris, $1^{\circ} 19'$ to the west. The meridian determined by observations with the solar agrees with this true meridian.

Dec. 2, 1921: At a point 68.32 chs. S. $89^{\circ} 44' W.$ of the cor. of secs. 20, 21, 28 and 29, T. 11 S., R. 13 E. at 2h. 52.2m. p.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each in direct and reversed positions. From the mean line thus determined, I lay off the azimuth of Polaris, $1^{\circ} 19'$ to the west. The meridian determined by observations with the solar agrees with this true meridian.

Dec. 9, 1921: At a point 73.85 chs. north of the cor. of secs. 18 and 19, on the W. bdy. of Tp. 11 S., R. 13 E.,

at 2h. 24.6m. p.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each in direct and reversed positions. From the mean line thus determined, I lay off the azimuth of Polaris, $1^{\circ}19'$ to the west. The meridian determined by observations with the solar agrees with this meridian.

4 Resurvey of part of East bdy. of Township 11 South, Range 13 East.

Chains.

The East boundary of T.11 S., R.13 E. was surveyed in 1908 by F.B. Jacobs, U.S.D.S. No subsequent retracement or resurvey of any part of this boundary is of record. The following notes describe a resurvey of $3\frac{1}{2}$ miles of the line from the $\frac{1}{4}$ sec. cor. of secs. 31 and 36 northerly to the cor. of secs. 7, 12, 13 and 18.

Retracement for Resurvey.

- From the original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, hereinafter described,
 North, on retracement, bet. secs. 31 and 36 (N. $\frac{1}{2}$).
 40.03 Fall 9 lks. E. of the original cor. of secs. 25, 30, 31 and 36, hereinafter described.
 The true course and distance of N. $\frac{1}{2}$ of line, bet. secs. 31 and 36, are therefore N. $0^{\circ}8'W.$, 40.03 chs.
- North, on retracement, bet. secs. 25 and 30 (S. $\frac{1}{2}$).
 39.84 Fall 9 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, hereinafter described.
 The true course and distance of S. $\frac{1}{2}$ of line, bet. secs. 25 and 30 are therefore N. $0^{\circ}8'W.$, 39.84 chs.
 Thence,
 North, on retracement, bet. secs. 25 and 30 (N. $\frac{1}{2}$).
 40.07 Fall 9 lks. W. of the original cor. of secs. 19, 24, 25 and 30, hereinafter described.
 The true course and distance of N. $\frac{1}{2}$ of line, bet. secs. 25 and 30 are therefore N. $0^{\circ}8'E.$, 40.07 chs.
- North, on retracement, bet. secs. 19 and 24 (S. $\frac{1}{2}$).
 39.99 Fall 24 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, hereinafter described.
 The true course and dist. of S. $\frac{1}{2}$ of line bet. secs. 19 and 24, are therefore N. $0^{\circ}21'E.$, 39.99 chs.
 Thence,
 North, on retracement, bet. secs. 19 and 24 (N. $\frac{1}{2}$).
 40.08 Fall 22 lks. E. of the original cor. of secs. 13, 18, 19 and 24, hereinafter described.
 The true course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 19 and 24 are therefore N. $0^{\circ}19'W.$, 40.08 chs.
- North, on retracement, bet. secs. 13 and 18.
 40.00 Diligent search in this vicinity failed to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18.
- 80.20 Fall 21 lks. E. of the original cor. of secs. 7, 12, 13 and 18, hereinafter described.
 The true course and distance of line bet. secs. 13 and 18, are therefore N. $0^{\circ}9'W.$, 80.20 chs.

RESURVEY.

- The original $\frac{1}{4}$ sec. cor. of secs. 31 and 36 is a granite stone, 10x5x5 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone W. of cor. No bearing trees.
 This cor. monument and accessory being in satisfactory condition, no reconstruction is necessary.
 Thence,
 N. $0^{\circ}8'W.$, on a true line, bet. secs. 31 and 36 (N. $\frac{1}{2}$).
 Over gently rolling land, thru. scattering timber and dense undergrowth.
 22.50 Ascend gradually over E. slope, to Center of wash, 100 lks. wide, course SE.
 Ascend slightly over SW. slope.
 35.00 Ascend 30 ft., over S. slope, to
 40.03 Intersect the original cor. of secs. 25, 30, 31 and 36, which is a granite stone, 16x12x6 ins., lying on the ground, marked with 1 notch on one edge, and 5 notches on opposite edge; and witnessed by a mound of stone, W. of cor. No bearing trees.

Resurvey of part of East bdy. of Township 11 South, Range 13 East. 5

chains.

Reconstruct this cor. as follows: Reset the old stone cor. monument 11 ins. in the ground in original position and alongside same,

Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked on brass cap,

T11S	
R13E	R14E
S25	S30
S36	S31
1921	

Land, gently rolling.

Soil, rocky, 3rd and 4th rates.

Timber, palo verde, mesquite and ironwood.

Undergrowth, greasewood, cactus, catclaw, ocotillo, yucca and black brush.

N. 0° 8' W. on a true line, bet. secs. 25 and 30 (S. $\frac{1}{4}$).

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

Ascend 25 ft., over S. slope.

4.00 Spur, slopes SE.

Descend 40 ft., over NE. slope.

13.00 Center of wash, 100 lks. wide, course SE. Asc. 35 ft.

25.00 Spur, slopes SE. Descend.

39.20 Wash, 70 lks. wide, course SE. Thence over level land.

39.84 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is a granite stone 7x5x4 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by two bearing trees as follows:

A palo verde, 13 ins. in diam., S. 85 $\frac{1}{2}$ ° E., 164 lks. dist., marked $\frac{1}{4}$ S 30 BT.

A palo verde, 11 ins. in diam., N. 27° W., 18 lks. dist., marked $\frac{1}{4}$ S 25 BT.

Reconstruct this cor. as follows: Alongside the old stone cor. monument,

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

$\frac{1}{4}$	
S25	S30
1921	

Thence,

N. 0° 8' E., on a true line, bet. secs. 25 and 30 (N. $\frac{1}{4}$).

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

22.10 Wire fence, brs. N. 10° W. and S. 10° E.

24.00 Right edge of wash, brs. N. 10° W. and S. 10° E. Thence across wash, about 2 chs. wide, course S. 10° E.

27.80 Wire fence, brs. E. and W. Fence cor. brs. W. 1.50 chs. dist., from which fence extends S. 10° E. and E.

32.50 Left edge of wash, brs. N. 10° W. and S. 10° E. Leave wash. Continue over level land.

40.07 Intersect the original cor. of secs. 19, 24, 25 and 30, which is a granite stone 5x4x4 ins. above ground, firmly set, marked with 2 notches on S. edge, and 4 notches on N. edge, and witnessed by 4 pits one each NE., SE., SW. and NW. of cor.; a mound of earth W. of cor., and two bearing trees as follows:

A palo verde, 11 ins. in diam., S. 63 $\frac{3}{4}$ ° E., 106 lks. dist., marked T11S R14E S30 BT.

A mesquite, 8 ins. in diam., N. 68 $\frac{1}{2}$ ° W., 60 lks. dist., marked T11S R13E S24 BT.

Reconstruct this cor. as follows:

Alongside old stone monument,

6 Resurvey of part of East bdy. of Township 11 South, Range 13 East.

Chains.

Set an iron post, 3 ft. long, 2 ins., 26 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

T11S	
R13E	R14E
S24	S19
S25	S30
1921	

Land, rolling and level.
Soil, rocky, 3rd and 4th rate.
Timber, palo verde, mesquite and ironwood.
Undergrowth, greasewood, cactus, catclaw, yucca and black brush.

N. 0° 21' E., on a true line, bet. secs. 19 and 24 (S. $\frac{1}{4}$).
Over level land, thru. scattering timber and dense undergrowth.

- 11.00 Leave level, and enter rolling land.
Ascend 100 ft., over S. slope, to
23.00 Rim of mesa, brs. E. and W. Thence over gently rolling mesa.
Ascend 30 ft., over S. slope to $\frac{1}{4}$ sec. cor.
34.40 Road brs. N.E. and W.
39.99 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a porphyry stone 6x4x4 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by faint traces of two pits, one each N. and S. of cor. No bearing trees.
Reconstruct this cor., as follows: Alongside old stone monument,
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	
S24	S19
1921	

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

Thence,
N. 0° 19' W., on a true line, bet. secs. 19 and 24 (N. $\frac{1}{4}$).
Over gently rolling land, thru. scattering timber and dense undergrowth.

- 8.00 Ascend 30 ft., over S. slope.
Top of low ridge, brs. E. and W.
Descend 24 ft., over N. slope.
17.00 Wash, 20 lks. wide, course SW.
Ascend slightly over SE. slope, to
17.50 Wash, 10 lks. wide, course SE.
Ascend 80 ft., over SW. slope.
18.50 Road, brs. NW. and SE.
36.00 Low ridge, brs. NW. and SE.
Ascend slightly over E. slope, to
40.08 Intersect the original cor. of secs. 13, 18, 19 and 24, which is a granite stone, 12x6x6 ins. above ground, firmly set, marked with 3 notches on each of N. and S. edges, and witnessed by four pits, one each NE., SE., SW. and NW. of cor., and a mound of earth, W. of cor.

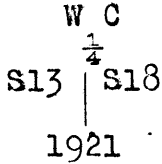
No bearing trees.
This cor. monument being in satisfactory condition no reconstruction is necessary.

Land, level and gently rolling.
Soil, rocky, 3rd and 4th rate.
Timber, palo verde, mesquite and ironwood.
Undergrowth, black brush, ocotillo, catclaw, greasewood, yucca and cactus.

Resurvey of part of East bdy. of Township 11 South, Range 13 East. 7

Chains.

N.0°9'W., on a true line, bet. secs.13 and 18.
 Over gently rolling land, thru. scattering timber and dense undergrowth.
 Ascend gradually over rolling E. slope to $\frac{1}{4}$ sec.cor.point.
 10.00 Dim road, brs.NE. and SW.
 38.50 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor.to reestablished $\frac{1}{4}$ sec.cor. of secs.13 and 18, marked on brass cap,



from which,
 A mesquite, 12 ins. in diam., brs.N.79°E., 48 lks.dist., marked WC $\frac{1}{4}$ S18 BT.
 A mesquite, 20 ins.in diam., brs.N.1°W., 55 lks.dist., marked WC $\frac{1}{4}$ S 13 BT.
 39.00 Enter wash, 100 lks.wide, course SE. from N.
 40.10 The true point for reestablishment of $\frac{1}{4}$ sec.cor.falls in same wash, where it cannot be permanently monumented.
 41.30 Leave wash, course S.from NW. Thence ascending gradually along this wash, crossing and recrossing same as follows:
 44.70 Same wash, course SW.
 51.00 Same wash, course SE.
 59.00 Same wash, course SW.
 70.00 Same wash, course SE. Leave said wash.
 Ascend gradually, over S.slope, to
 80.20 Intersect the original cor.of secs. 7, 12, 13 and 18, which is a granite stone, 10x6x6 ins.above ground, firmly set marked with 4 notches on S.edge, and 2 notches on N. edge; and witnessed by four pits, one each NE., SE., SW. and NW. of cor., and a mound of earth W.of cor.
 No bearing trees. This cor.monument being in satisfactory condition, no reconstruction is necessary.
 Land, gently rolling.
 Soil, rocky, 3rd and 4th rate.
 Timber, palo verde, mesquite and ironwood.
 Undergrowth, greasewood, catclaw, cactus, ocotillo, yucca and black brush.

8 Resurvey of part of South bdy. of Township 11 South, Range 13 East.

Chains.

The South boundary of T.11 S., R.13 E., was surveyed in 1911, by H.F. DuVal, U.S.D.S., who established all the cors. thereon with common reference to areas on both sides of the line. No retracement or resurvey of any part of this line is of record; however in 1913, J.B. Wright and W.H. Elliott, U.S. Surveyors, in connection with their survey of Subdivision lines of T.12 S., R.13 E., established closing cors. on this line, for all of the N. tier of secs. of said Tp., and changed the reference of the original cors. to the areas north of the line only. The following notes describe a resurvey of $3\frac{1}{2}$ miles of the line S. of secs. 31, 33 and 34, and S. of the W. $\frac{1}{2}$ of sec. 35.

Retracement for Resurvey.

- 40.00 From the $\frac{1}{4}$ sec. cor. of sec. 35, hereinafter described, West, on retracement, on S. bdy. of sec. 35 (W. $\frac{1}{2}$).
Fall 7 lks. N. of the cor. of secs. 34 and 35, hereinafter described.
The true ^{course} and distance of W. $\frac{1}{2}$ of S. bdy. of sec. 35, are therefore S. $89^{\circ}54'$ W., 40.00 chs.
- 2.05 West, on retracement, on S. bdy. of sec. 34 (E. $\frac{1}{2}$).
Fall $\frac{1}{2}$ lk. N. of the original closing cor. of secs. 2 and 3, T. 12 S., R.13 E., hereinafter described.
Continue line and measurement.
- 40.02 Fall 10 lks. N. of the $\frac{1}{4}$ sec. cor. of sec. 34, hereinafter described.
The true course and distance of E. $\frac{1}{2}$ of S. bdy. of sec. 34 are therefore S. $89^{\circ}51'$ W., 40.02 chs., and the closing cor. of secs. 2 and 3 is on true line.
Thence,
- 39.98 West, on retracement, on S. bdy. of sec. 34 (W. $\frac{1}{2}$).
Fall 2 lks. N. of the cor. of secs. 33 and 34, hereinafter described.
The true course and distance of W. $\frac{1}{2}$ of S. bdy. of sec. 34 are therefore S. $89^{\circ}58'$ W., 39.98 chs.
- 2.20 West, on retracement on S. bdy. of sec. 33 (E. $\frac{1}{2}$).
Intersect the original closing cor. of secs. 3 and 4, T. 12 S., R.13 E., hereinafter described.
Continue line and measurement.
- 40.00 Fall 2 lks. S. of the $\frac{1}{4}$ sec. cor. of sec. 33, hereinafter described.
The true course and distance of E. $\frac{1}{2}$ of S. bdy. of sec. 33, are therefore N. $89^{\circ}58'$ W., 40.00 chs., and the closing cor. of secs. 3 and 4 is on true line.
Thence,
- 39.79 West, on retracement, on S. bdy. of sec. 33 (W. $\frac{1}{2}$).
Fall 12 lks. N. of the cor. of secs. 32 and 33, hereinafter described.
The true course and distance of W. $\frac{1}{2}$ of S. bdy. of sec. 33 are therefore S. $89^{\circ}50'$ W., 39.79 chs.
- 1.78 From cor. of secs. 31 and 32, hereinafter described, West, on retracement, on S. bdy. of sec. 31 (E. $\frac{1}{2}$).
Fall $\frac{1}{2}$ lk. N. of the original closing cor. of secs. 5 and 6, T. 12 S., R.13 E., hereinafter described.
Continue line and measurement.
- 39.94 Fall 8 lks. N. of the $\frac{1}{4}$ sec. cor. of sec. 31, hereinafter described.
The true course and distance of E. $\frac{1}{2}$ of S. bdy. of sec. 31 are therefore S. $89^{\circ}53'$ W., 39.94 chs., and the closing cor. of secs. 5 and 6 is on true line.
Thence,
- 38.20 West, on retracement, on S. bdy. of sec. 31 (W. $\frac{1}{2}$).
Fall 8 lks. N. of the original closing cor. of Ts. 11 and 12 S., R.13 E., hereinafter described.

Resurvey of part of South bdy. of Township 11 South, Range 13 East. 9

Chains.

The true course and distance of W. 1/2 of S. bdy. of sec. 31 are therefore S. 89° 53' W., 38.20 chs.

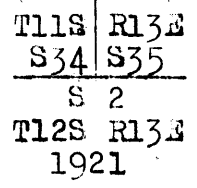
RESURVEY.

The 1/4 sec. cor. of sec. 35, is a quartzite stone, 9x8x6 ins. above ground, firmly set, marked 1/4 on N. face, and witnessed by a mound of stone N. of cor. No bearing trees. This cor. monument being in satisfactory condition, no reconstruction is necessary.

Thence, S. 89° 54' W., on a true line, on S. bdy. of sec. 35 (W. 1/2). Over gently rolling land, thru. scattering timber and dense undergrowth.

39.65
40.00

Wash, 25 lks. wide, course SW.
Intersect the cor. of secs, 34 and 35, which is a granite stone, 6x5x4 ins. above ground, firmly set, marked with 2 notches on E. edge and 4 notches on W. edge, and witnessed by a mound of stone N. of cor. No bearing trees. Monument being undersize, reconstruct the cor. as follows: Alongside old stone, Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 34 and 35, only, marked on brass cap,



No bearing trees available.
Land, gently rolling.
Soil, granite formation, 3rd and 4th rate.
Timber, palo verde, ironwood, mesquite.
Undergrowth, greasewood, catclaw, tesota, cactus and yucca.

S. 89° 51' W., on a true line, on S. bdy. of sec. 34 (E. 1/2). Over gently rolling land, thru. scattering timber and dense undergrowth.

2.05

Intersect the original closing cor. of secs. 2 and 3, T. 12 S., R. 13 E., which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two bearing trees as follows:
A palo verde, 9 ins. in diam., S. 15° E., 83 lks. dist., marked T12S R13E S2 CC BT.
A mesquite, 11 ins. in diam., S. 72° W., 279 lks. dist., marked T12S R13E S3 CC BT.

24.00
40.02

Continue line and measurement.
Wash, 20 lks. wide, course S.
Intersect the 1/4 sec. cor. of sec. 34, which is a quartzite stone, 7x7x5 ins. above ground, firmly set, marked 1/4 on N. face, and witnessed by a mound of stone, N. of cor. No bearing trees. This cor. monument being in satisfactory condition, no reconstruction is necessary.

Thence, S. 89° 58' W., on a true line, on S. bdy. of sec. 34 (W. 1/2). Over gently rolling land, thru. scattering timber and dense undergrowth.

6.48
10.00
16.89
28.58
35.00
39.98

Wash, 50 lks. wide, course S.
Wash, 20 lks. wide, course S.
Old road, brs, N. and S.
Wash, 50 lks. wide, course S. 20° W.
Wash, 30 lks. wide, course S.
Intersect the cor. of secs. 33 and 34, which is a quartzite stone, 7x5x4 ins. above ground, firmly set, marked

10 Resurvey of South bdy. of Township 11 South Range 13 East.

Chains.

with 3 notches on each of E. and W. edges, and witnessed with two bearing trees as follows:

A palo verde, 7 ins. in diam., N. 77° E., 89 lks. dist., marked T11S R13E S34 BT.

A palo verde, 10 ins. in diam., N. 22½° W., 280 lks. dist., marked T11S R13E S33 BT.

The old stone monument being undersize, reconstruct this cor. as follows: Alongside old stone monument, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 33 and 34 only, marked on brass cap,

T11S	R13E
S33	S34

S 3

T12S R13E
1921

Land; gently rolling.

Soil, granite formation, 3rd and 4th rate.

Timber, palo verde, ironwood and mesquite.

Undergrowth, greasewood, catclaw, tesota and yucca.

N. 89° 58' W., on a true line, on S. bdy. of sec. 33 (E. ½). Over gently rolling land, thru. scattering timber and dense undergrowth.

2.20 Intersect the original closing cor. of secs. 3 and 4, T. 12 S., R. 13 E., which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two bearing trees as follows:

A mesquite, 11 ins. in diam., S. 53¾° E., 50 lks. dist., marked T12S R13E S3 CC BT.

A mesquite, 11 ins. in diam., S. 46½° W., 159 lks. dist., marked T12S R13E S4 CC BT.

Continue line and measurement.

9.00 Wash, 50 lks. wide, course S. Leave gently rolling and enter level land.

29.00 Road brs. N. 20° E. and S. 20° W.

39.00 Wash, 30 lks. wide, 2 ft. deep, course SW.

40.00 Intersect the ¼ sec. cor. of sec. 33, which is a quartzite stone 6x5x4 ins. above ground, firmly set, marked ¼ on N. face, and witnessed by two bearing trees as follows:

A mesquite, 11 ins. in diam., N. 45½° E., 57 lks. dist., marked ¼ S 33 BT.

A mesquite, 11 ins. in diam., S. 22° E., 44 lks. dist., marked BT.

This stone monument being undersize, reconstruct the cor. as follows: Alongside old stone monument, set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. of sec. 33 only, marked on brass cap,

S 33

1921

No other bearing tree in sec. 33 is available.

Thence

S. 89° 50' W., on a true line, on S. bdy. of sec. 33 (W. ½).

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

26.00 Old road, brs. N. and S.

39.79 Intersect the cor. of secs. 32 and 33, which is a granite stone, 7x6x5 ins. above ground, firmly set, marked with 2 notches on W. edge, and 4 notches on E. edge, and witnessed by two bearing trees as follows:

A mesquite, 6 ins. in diam., N. 57½° E., 95 lks. dist., marked T11S R13E S33 BT.

A mesquite, 9 ins. in diam., N. 45° W., 19 lks.

dist., marked T11S R13E S32 BT.

Resurvey of part of South bdy. of Township 11 S., R. 13 E. 11

Chains.

This cor. monument being in satisfactory condition, no reconstruction is necessary.
Land, gently rolling and level.
Soil, gravelly, 2nd and 3rd rate.
Timber, palo verde, ironwood, mesquite.
Undergrowth, greasewood, catclaw, and yucca.

The cor. of secs. 31 and 32, T. 11 S., R. 13 E. is a granite stone 8x6x5 ins. above ground, firmly set, marked with 1 notch on W. edge, and 5 notches on E. edge and witnessed by two bearing trees as follows:

An ironwood, 11 ins. in diam., N. 69° E., 19 lks. dist., marked T11S R13E S32 BT.

An ironwood, 10 ins. in diam., N. 15° W., 24 lks. dist., marked T11S R13E S31 BT.

Thence, S. 89° 53' W., on a true line, on S. bdy. of sec. 31 (E. 1/2).
Over gently rolling land, thru. scattering timber and dense undergrowth.

1.78 Intersect the original closing cor. of secs. 5 and 6, T. 12 S., R. 13 E., which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by three pits, one each E., W. and S. of post, and mound of earth S. of cor. No bearing trees.

Continue line and measurement.

17.00 Wash, 100 lks. wide, course S.

22.90 Road, brs. N. and S.

39.94 Intersect the 1/4 sec. cor. of sec. 31, which is a granite stone 8x6x4 ins. above ground, firmly set, marked 1/4 on N. face. No trace of the original bearing trees NE. and SE. of cor. can be found; therefore establish two new bearing trees as follows:

A mesquite, 5 ins. in diam., brs. N. 83° E., 156 lks. dist., marked 1/4 S 31 BT.

A mesquite, 6 ins. in diam., brs. N. 26° E., 226 lks. dist., marked 1/4 S 31 BT.

and raise a mound of stone 2 1/2 ft. base, 1 1/2 ft. high, N. of cor.

Thence, S. 89° 53' W., on a true line, on S. bdy. of sec. 31 (W. 1/2).
Over gently rolling land, thru. scattering timber and dense undergrowth.

3.70 Road, brs. N. 20° E. and S. 20° W.

9.00 Wash, 30 lks. wide, course S. 20° W.

32.90 Wash, 50 lks. wide, course SW.

38.20 Intersect the original closing cor. of Ts. 11 and 12 S., R. 13 E., which is a granite stone, 12x12x10 ins. above ground, firmly set, properly marked and witnessed by two bearing trees, as follows:

A palo verde, 8 ins. in diam., N. 27° E., 175 lks. dist., marked CC T11S R13E S31 BT.

A palo verde, 10 ins. in diam., S. 66° E., 108 lks. dist., marked CC T12S R13E S6 BT.

The stone monument shows signs of disintegrating; therefore, reconstruct this cor. as follows.

Alongside old stone monument,

Set an iron post, 3 ft. long, 3 ins. in diam., 26 ins. in the ground, for closing cor. of Ts. 11 and 12 S., R. 13 E., marked on brass cap,

T12S	T11SR13E
S 1	S31 CC
R12E	S 6
	T12S

1921

Land, gently rolling.

12 Resurvey of part of South bdy. of Township 11 S., R. 13 E.

Chains.

Soil, gravelly, 2nd and 3rd rate.
Timber, palo verde, ironwood, and mesquite.
Undergrowth, greasewood, cactus and yucca.

WITNESSES:
J. H. ...

Resurvey of part of West bdy. of Township 11 South, Range 13 East. 13

Chains.

The West boundary of T.12 S., R.13 E., and the S. two miles of the West bdy. of T.11 S., R.13 E. were surveyed in 1895 by P. Contzen, U.S.D.S., as the Santa Cruz Guide Meridian, establishing all cors. thereon with a common reference to areas on both sides of the line. No retracement or resurvey of this range line in either T.11 S., or T.12 S. is of record, however the survey of the Subdivision lines of the south two tiers of secs. in T.12 S., R.13 E., and the N. bdy. of said Tp., by H. F. DuVal, U.S.D.S., and the survey of the Subdivision lines of the North four tiers of secs. in same Tp., by J.B. Wright and W.H. Elliott, U.S. Surveyors in 1913, established closing cors. for all the secs. in T.12 S., R.13 E., and changed the reference of all the cors. on the range line in T.12 S., to areas W. of the line only.

The existing cors. on the range line in T.11 S., now refer to areas in T.11 S., R.12 E. only, and the survey of the Subdivision of T.11 S., R.13 E., requires a resurvey of the existing part of the range line in T.11 S., properly changing the old cor. monuments thereon, reestablishing cors. at regular intervals in the South two miles for areas in T.11 S., R.13 E. only, and completion of survey of the range line in T.11 S., establishing cors. at regular intervals in the north four miles for areas in T.11 S., R.13 E. only.

The following notes describe a resurvey of the West boundaries of secs. 31 and 30, T.11 S., R.13 E., which is identical with a resurvey of the East bdy. of sec. 36, part of the East bdy. of sec. 25, T.11 S., R.12 E., and part of the E. bdy. of sec. 1, T.12 S., R.12 E.

Retracement for Resurvey.

From the closing cor. of Ts. 11 and 12 S., R.13 E., hereinbefore described,

North, on retracement, bet. sec. 1, T.12 S., R.12 E. and sec. 31, T.11 S., R.13 E.

4.87 Fall 11 lks. E. of the cor. of Ts. 11 and 12 S., R.12 E., hereinafter described.

The true course and distance of this part of the E. bdy. of sec. 1, T.12 S., R.12 E., and of this part of W. bdy. of sec. 31, T.11 S., R.13 E. is therefore N.1°17'W., 4.87 chs.

From the cor. of Ts. 11 and 12 S., R.12 E., North, on retracement, on E. bdy. of sec. 36 (S. $\frac{1}{2}$).

40.07 Fall 10 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, hereinafter described.

The true course and distance of S. $\frac{1}{2}$ of E. bdy. of sec. 36, T.11 S., R.12 E. are therefore N.0°9'W., 40.07 chs.

Thence, North, on retracement, on E. bdy. of sec. 36 (N. $\frac{1}{2}$).

39.97 Fall 7 lks. E. of the original cor. of secs. 25, 30, 31 and 36, hereinafter described.

The true course and distance of N. $\frac{1}{2}$ of E. bdy. of sec. 36, T.11 S., R.12 E. are therefore, N.0°6'W., 39.97 chs.

North, on retracement, on E. bdy. of sec. 25 (S. $\frac{1}{2}$).

40.03 Fall 6 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, hereinafter described.

The true course and distance of S. $\frac{1}{2}$ of E. bdy. of sec. 25, T.11 S., R.12 E. are therefore N.0°5'W., 40.03 chs.

Thence, North, on retracement, on E. bdy. of sec. 25 (N. $\frac{1}{2}$).

39.82 Fall 9 lks. E. of the original cor. of secs. 19, 24, 25 and 30, hereinafter described.

The true course and distance of N. $\frac{1}{2}$ of E. bdy. of sec. 25, T.11 S., R.12 E. are therefore N.0°8'W., 39.82 chs.

14 Resurvey of part of W. bdy. of Township 11 South, Range 13 East.

Chains.

Resurvey.

From the closing cor. of Ts. 11 and 12 S., R. 13 E., hereinbefore described,

N. 1° 17' W., on a true line, on W. bdy. of sec. 31, identical with part of E. bdy. of sec. 1, T. 12 S., R. 12 E.

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

4.87 Intersect the cor. of Ts. 11 and 12 S., R. 12 E., which is a granite stone, 14x12x6 ins. above ground, firmly set, marked with 6 notches on each of N. and S. and W. edges, and witnessed by a mound of stone, W. of cor. No bearing trees.

Thence,

N. 0° 9' W., on a true line, continuing measurement of W. bdy. of sec. 31, along S. ½ of E. bdy. of sec. 36, T. 11 S., R. 12 E.

25.85 Wash, 10 lks. wide, course SW.

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

¼ S 31

1921

No bearing trees available. Raise a mound of stone, 2 ft. base, 1 ½ ft. high, E. of cor.

40.85 Wash, 50 lks. wide, course SW.

44.94 (40.07 chs. N. 0° 9' W. from cor. of Ts. 11 and 12 S., R. 12 E.)

Intersect the original ¼ sec. cor. of secs. 31 and 36, which is a sandstone, 8x4x4 ins. above ground, marked ¼ on W. face, and witnessed by two bearing trees, as follows:

A mesquite, 7 ins. in diam., N. 40° E., 73 lks. dist., marked ¼ S. BT.

A palo verde, 10 ins. in diam., S. 76 ¼° W., 92 lks. dist., marked ¼ S. BT.

This cor. monument being undersize, reconstruct as follows: Alongside old stone,

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 36 only, marked on brass cap,

¼ S 36

1921

Thence,

N. 0° 6' W., on a true line, continuing measurement of W. bdy. of sec. 31, along part of N. ½ of E. bdy. of sec. 36, T. 11 S., R. 12 E.

59.95 Wash, 30 lks. wide, course SW.

72.95 Road, brs. NE. and SW.

76.35 Wash, 15 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for reestablished cor. of secs. 30 and 31 only, marked on brass cap,

T11S | T11S

R12W | S30

S36 | S31

| R13E

1921

from which,

A palo verde, 4 ins. in diam., brs. N. 46° E., 300 lks. dist., marked BT.

A palo verde, 8 ins. in diam., brs. S. 6 ½° E., 230 lks. dist., marked T11S R13E S31 BT.

Land, gently rolling.

Soil, rocky, 3rd rate, granite formation.

Block 3000

Resurvey of part of West bdy. of Township 11 South, Range 13 East. 15

Chains.

Timber, mesquite, palo verde and ironwood.
Undergrowth, greasewood, ocotillo, catclaw and cactus.

- N.0°6'W., on a true line, on W. bdy. of sec. 30, along part of N. $\frac{1}{2}$ of E. bdy. of sec. 36, T. 11 S., R. 12 E.
Over gently rolling land, thru. scattering timber and dense undergrowth.
- 4.91 (39.97 chs. N.0°6'W. from $\frac{1}{4}$ sec. cor. of sec. 36) Intersect the original cor. of secs. 25, 30, 31 and 36, which is a granite stone, 6x6x6 ins. above ground, firmly set, marked with 1 notch on S. edge, and 5 notches on N. edge, and witnessed by a mound of stone, W. of cor., and two bearing trees as follows:
A palo verde, 10 ins. in diam., S. 76 $\frac{1}{4}$ ° E., 120 lks. dist., marked T11S R13E S31 BT.
A palo verde, 9 ins. in diam., S. 73° W., 80 lks. dist., marked T11S R12E S36 BT.
- Alter this cor. to refer to secs. 25 and 36, T. 11 S., R. 12 E. only by changing the markings on the SE. bearing tree to read "BT." No other bearing tree W. of line available.
- Thence,
N.0°5'W., on a true line, continuing measurement of W. bdy. of sec. 30, along S. $\frac{1}{2}$ of E. bdy. of sec. 25, T. 11 S., R. 12 E.
Over gently rolling land, thru. scattering timber and dense undergrowth. Asc. gradually over SW. slope.
- 8.90 Center of wash, 2.50 chs. wide, course SW.
14.50 Center of wash, 100 lks. wide, course SW.
16.10 From this point, a mesquite tree 2 $\frac{1}{2}$ ft. in diameter, brs. W. $\frac{1}{2}$ lk. dist.
25.90 Center of wash, 100 lks. wide, course S. 20° W. Leave gently rolling, and enter rolling land.
Ascend 30 ft., over SE. 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. 30 only, marked on brass cap,
- |
| $\frac{1}{4}$ S30
|
1921
- from which,
An ironwood, 10 ins. in diam., brs. S. 73 $\frac{1}{2}$ ° E., 119 lks. dist., marked $\frac{1}{4}$ S30 BT.
No other bearing trees available. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
Ascend 20 ft., over SE. slope, to
44.94 (40.03 chs. N.0°5'W. from cor. of secs. 25 and 36) Intersect the original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is a granite stone in place, 30x24x14 ins. above ground, firmly set, marked $\frac{1}{4}$ on W., and witnessed by a mound of stone W. of cor. No bearing trees.
This $\frac{1}{4}$ sec. cor. now refers to sec. 25 only, is properly marked and witnessed for single reference thereto, and requires no reconstruction or alteration.
- Thence,
N.0°8'W., on a true line, continuing measurement on W. bdy. of sec. 30, along part of N. $\frac{1}{2}$ of E. bdy. of sec. 25, T. 11 S., R. 12 E.
Over rolling land, thru. scattering timber and dense undergrowth.
- Ascend 27 ft., over SE. slope.
49.95 Low spur, slopes SW.
Descend 23 ft., over NW. slope.
55.95 Wash, 10 lks. wide, course SW.
Ascend 30 ft., over SE. slope.
65.00 Low ridge, brs. NE. and SW.
Descend 10 ft., over NW. slope.

16 Resurvey of part of W. bdy. of Township 11 South, Range 13 East.

Chains.

70.95 Wash, 40 lks. wide, course SW.

Ascend 28 ft., over SW. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, and raise a mound of stone around post, for reestablished cor. of secs. 19 and 30 only, marked on brass cap.

T11S	T11S
R12E	S19
S25	S30
	R13E

1921

from which,

A giant cactus, brs. N. 89° E., 74 lks. dist., marked cross (X).

A mesquite, 8 ins. in diam., brs. S. 53 $\frac{1}{2}$ ° E., 134 lks. dist., marked T11S R13E S30 BT.

This cor. is at the foot of the Tortillita Mountains. Land, gently rolling and rolling.

Soil, gravelly, 3rd rate.

Timber, mesquite, palo verde and ironwood.

Undergrowth, greasewood and mesquite.

Survey of part (completion) of the West bdy. of T.11 S., R.13 E. 17

Chains.

The following notes describe the survey of the West bdy. of T.11 S., R.13 E., North from the reestablished cor. of secs.19 and 30 to intersection with the 2nd Std. Parallel South, which completes the survey of said Tp. bdy. The S. 4.76 chs. of the survey of the W. bdy. of sec.19 completes the resurvey of the E. bdy. of sec.25, T.11 S., R.12 E.

In this survey, one set of cors. referring to areas in T.11 S., R.13 E. only is established at regular intervals on the line, and no cors. are established for areas in T.11 S., R.12 E.

From reestablished cor. of secs.19 and 30, T.11 S., R.13 E. hereinbefore described,
 N. 0°8'W., on true line, on W. bdy. of sec.19, along part of N. $\frac{1}{4}$ of E. bdy. of sec.25, T.11 S., R.12 E.
 Over mountainous land (Tortillita Mts.), thru. scattering timber and dense undergrowth.
 Ascend 102 ft., over S. slope, to
 4.76 (39.82 chs. N. 0°8'W. from $\frac{1}{4}$ sec. cor. of sec.25) Intersect the original cor. of secs.19, 24, 25 and 30, which is a cross (x) on a granite boulder, 10x6x2 ft. above ground, marked with 4 notches on N. side, and 2 notches on S. side, and witnessed by a mound of stone, W. of cor. No bearing trees. This cor. now refers to secs.24 and 25, T.11 S., R.12 E. only, and no reconstruction or alteration is necessary.

Thence,
 North, on true line, continuing measurement of W. bdy. of sec.19.
 Ascend 120 ft., over SE. slope.
 10.00 Spur, slopes SW.
 Descend 51 ft., over NW. slope.
 12.30 Head of gulch, course W.
 Ascend 240 ft., over SW. slope.
 33.00 Ridge, brs. NW. and SE.
 Descend 170 ft., over NE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec.19 only, marked on brass cap,

S19

1921

No bearing trees available.
 Descend 87 ft., over NE. slope.
 50.00 Wash, 20 lks. wide, course SE.
 Ascend 60 ft., over W. slope.
 52.00 Wire fence, brs. E. and W.
 56.30 Old road, brs. NW. and SE.
 74.85 Same wash, 20 lks. wide, course SW.
 Ascend 15 ft., over SE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs.18 and 19 only, marked on brass cap,

T11S
 S18
 S19
 R13E

1921

from which,
 A palo verde, 6 ins. in diam., brs. N. 37°10'E.,
 46 lks. dist., marked T11S R13E S18 BT.
 A mesquite, 6 ins. in diam., brs. S. 30 $\frac{1}{2}$ °E.,
 178 lks. dist., marked T11S R13E S19 BT.

18 Survey of part. (completion) of West bdy. of T. 11 S., R. 13 E.

Chains.

Land, mountainous.
Soil, rocky, 4th rate, granite formation.
Timber, mesquite.
Undergrowth, scrub oak, catclaw, ocotillo and cactus.

-
- North, on true line on W. bdy. of sec. 18.
Over mountainous land (Tortillita Mts.) thru. heavy timber
and dense undergrowth.
Ascend slightly over SE. slope.
1.00 Low ridge, brs. NE. and SW.
Descend 44 ft., over NW. slope.
14.40 Wire fence, brs. NE. and SW.
14.86 Left bank of wash, brs. NE. and SW. Thence across wash,
course SW. Road brs. NE. and SW.
19.40 Right bank of wash, brs. NE. and SW. Leave wash.
Ascend 145 ft., over SE. 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., of sec. 18 only, marked on brass
cap,

1/4 S 18

1921

from which,

- A palo verde, 5 ins. in diam., brs. N. $19\frac{1}{2}^{\circ}$ E.,
172 lks. dist., marked $\frac{1}{4}$ S 18 BT.
A mesquite, 5 ins. in diam., brs. S. 8° E., 112
lks. dist., marked $\frac{1}{4}$ S 18 BT.
Ascend 820 ft., over SE. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface
rock, deposit a stone marked with a cross (x) at base
of post, and raise a mound of stone around post, for
cor. of secs. 7 and 18 only, marked in brass cap,

T 11 S
S 7
S 18
R 13 E

1921

No bearing trees available. Land, mountainous.
Soil, rocky, 4th rate.
Timber, palo verde, mesquite.
Undergrowth, scrub oak, catclaw, cactus and ocotillo.

-
- North, on true line, on W. bdy. of sec. 7.
Over mountainous land (Tortillita Mts.) thru. scattering
timber and dense undergrowth.
Ascend 20 ft., over SE. slope.
1.00 Ridge, brs. NE. and SW.
Descend 60 ft., over NW. slope.
12.00 Head of gulch, course SW.
Ascend 30 ft., over S. slope.
19.00 Spur, slopes W.
Descend 420 ft., over N. slope, to
40.00 The true point for $\frac{1}{4}$ sec. cor. of sec. 7 only falls in wash,
30 lks. wide, course W.
Ascend 6 ft., over S. slope, to
40.60 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for witness cor. to $\frac{1}{4}$ sec. cor. of sec. 7 only,
marked on brass cap,

1/4 S 7

WC
1921

Survey of part(completion)of West bdy.of T. 11 S., R.13 E. 19

Chains.

from which,
 A mesquite, 8 ins. in diam., brs. S. 33° E., 37 lks. dist.
 marked $\frac{1}{4}$ S 7 BT. W.C.
 No other bearing trees available. Raise a mound of stone
 2 $\frac{1}{2}$ ft. base, 2 ft. high, E. of cor.
 Ascend 95 ft., over S. slope.
 48.00 Spur, slopes W.
 Descend 130 ft., over NW. slope.
 59.68 Wash, 30 lks. wide, course SW.
 Ascend 245 ft., over SE. slope.
 77.00 Ridge, brs. NE and SW.
 Descend 25 ft., over NW. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
 the ground, for cor. of secs. 6 and 7 only, marked on
 brass cap,

T11S
S 6
S 7
R13E

1921

from which,
 A catclaw, 3 ins. in diam., brs. N. 15° E., 3
 lks. dist., marked BT.
 No other bearing trees available. Raise a mound of stone
 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, mesquite.
 Undergrowth, catclaw, ocotillo, Spanish dagger, scrub
 oak, and cactus.

North, on true line on W. bdy. of sec. 6.
 Over mountainous land (Tortillita Mts.) thru. scattering
 timber and dense undergrowth.
 Descend 195 ft., over NW. slope.
 12.20 Center of wash, 2.50 chs. wide, course W. Spring brs. W.
 about 2 chs. dist.
 Ascend 115 ft., over SW. and W. slopes, 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. of sec. 6 only, marked on
 brass cap,

S 6

1921

from which,
 A mesquite, 8 ins. in diam., brs. N. 23 $\frac{1}{4}$ ° E., 120
 lks. dist., marked $\frac{1}{4}$ S 6 BT.
 No other bearing trees available. Raise a mound of stone
 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
 Ascend 102 ft., over SW. slope.
 54.00 Spur, slopes W.
 Descend 56 ft., over N. slope.
 56.20 Wash, course S. 70° W.
 Ascend 87 ft., over S. slope.
 63.75 Spur, slopes SE.
 Descend 12 ft., over NE. slope, to
 70.00 Wash, course S. 30° E. from NE.
 Ascend 110 ft., over SE. slope, to
 83.53 Intersect the 2nd Standard Parallel South at a point
 21.79 chs. East of the standard cor. of secs. 35 and 36,
 T. 10 S., R. 12 E., reestablished by me in 1919, in my
 resurvey of said standard parallel, thru. Range 12
 East, which is an iron post, 2 ins. in diam., projecting

20 Survey of part(completion)of West bdy.of T.11 S., R. 13 E.

Chains.

12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone N. of cor. No bearing trees.
At the point of intersection,
Set an iron post, 3 ft. long, 3 ins. in diam., 12 ins. in the ground, to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for closing cor. of Ts. 11 S., Rs. 12 and 13 E., marked on brass cap,

T10S R12E
S36

S 1 S 6
C C
R12E R13E
T11S
1921

No bearing trees available.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, mesquite.
Undergrowth, catclaw, scrub oak, ocotillo and cactus.

Boundaries of Township 11 South, Range 13 East.
Latitudes, departures, and closing errors.

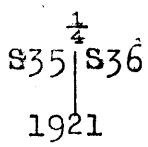
Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary	West,	120.00				120.00
	S. 89° 54' W.	40.00		.07		40.00
	S. 89° 51' W.	40.02		.10		40.02
	S. 89° 58' W.	39.98		.02		39.98
	N. 89° 58' W.	40.00	.02			40.00
	S. 89° 50' W.	39.79		.12		39.79
	West,	80.00				80.00
	S. 89° 53' W.	78.14		.16		78.14
West boundary,	N. 1° 17' W.	4.87	4.87			.11
	N. 0° 9' W.	40.07	40.07			.10
	N. 0° 6' W.	39.97	39.97			.07
	N. 0° 5' W.	40.03	40.03			.06
	N. 0° 8' W.	39.82	39.82			.09
North,	318.77	318.77				
North boundary, (2nd Std. Par. S.)	East,	462.91			462.91	
	N. 89° 51' E.	14.27	.04		14.27	
East boundary,	South,	161.78		161.78		
	S. 0° 9' E.	80.20		80.20	.21	
	S. 0° 19' E.	40.08		40.08	.22	
	S. 0° 21' W.	39.99		39.99		.24
	S. 0° 8' W.	40.07		40.07		.09
	S. 0° 8' E.	79.87		79.87	.18	
South,	40.00		40.00			
Convergency,					.46	
Totals,			483.59	482.46	478.25	478.69
			482.46			478.25
Error in latitude,			1.13			
Error in departute,					0.44	

Survey of Subdivision lines of Township 11 South, Range 13 East, 21

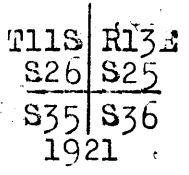
Chains.

The cor. of secs. 35 and 36, on the S. bdy. of Tp. is a quartzite stone, 8x8x5 ins., above ground, firmly set, marked with 1 notch on E. edge, and 5 notches on W. edge, and witnessed by a mound of stone, N. of cor. No bearing trees.

- Thence, N. 0° 1' W., bet. secs. 35 and 36.
- Over gently rolling land, thru. scattering timber and dense undergrowth.
- Ascend 70 ft., over SW. slope.
- 20.00 Spur, slopes SE.
- Descend 10 ft., over NE. slope.
- 23.00 Head of draw, course E.
- Ascend 25 ft., over SE. slope.
- 27.00 Spur, slopes E. Thence along E. slope.
- Ascend 41 ft. to
- 36.00 Spur, slopes E.
- Descend 17 ft., over NE. 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., marked on brass cap,



- No bearing trees available. Dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.
- Descend 50 ft., over NE. slope.
- 43.60 Draw, course E.
- Ascend 50 ft., over S. slope.
- 49.00 Spur, slopes E.
- Descend 25 ft., over N. slope.
- 53.20 Draw, course E.
- Ascend 45 ft., over S. slope, to
- 64.00 Rim of bench, brs. NE. and W. Leave gently rolling, and enter nearly level land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap,



- from which,
- A palo verde, 8 ins. in diam., brs. N. 23° E., 149 lks. dist., marked T11S R13E S25 BT.
- A mesquite, 3 ins. in diam., brs. S. 7 1/2° E., 33 lks. dist., marked BT.
- A mesquite, 4 ins. in diam., brs. S. 23° W., 113 lks. dist., marked BT.
- A palo verde, 8 ins. in diam., brs. N. 30° W., 325 lks. dist., marked T11S R13E S26 BT.

Land, gently rolling, and nearly level.
 Soil, rocky, 4th rate.
 Timber, mesquite, and palo verde.
 Undergrowth, catclaw, black brush, and cactus.

- 40.00 East, on a random line, bet. secs. 25 and 36.
- 79.86 Set temp. 1/4 sec. cor.
- Fall 30 lks. S. of the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of Tp., hereinbefore described.
- Thence, S. 89° 47' W., on a true line, bet. secs. 25 and 36.
- Over gently rolling land, thru. scattering timber and dense undergrowth.
- Descend 55 ft., over SW. slope.
- 7.35 Center of wash, 100 lks. wide, course S.

22 Survey of Subdivision lines of Township 11 South Range 13 East.

Chains.

- 14.85 Ascend 75 ft., over E. slope, to
Rim of bench, brs. N. and S. Leave rolling, and enter
nearly level land on bench.
Ascend slightly over SE. slope.
- 20.95 Road, brs. NW. and SE.
- 25.00 Leave nearly level bench, and enter gently rolling land.
Ascend 30 ft., over NE. slope.
- 34.85 Spur, slopes SE.
Descend 25 ft., over SW. slope.
- 39.65 Wash, 20 lks. wide, course SE. Thence over nearly level
bench.
Ascend slightly over SE. slope, to
- 39.93 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\frac{1}{4} \begin{array}{l} S 25 \\ S 36 \\ 1921 \end{array}$$

from which,

A mesquite, 4 ins. in diam., brs. N. 68° E., 48
lks. dist., marked BT.A catclaw, 4 ins. in diam., brs. S. 29 $\frac{1}{2}$ ° W., 35 lks.
dist., marked BT.

Continue over nearly level bench.

Ascend gradually over SE. slope.

49.85 Road, brs. NW. and SE.

53.65 Road brs. NW. and SE.

55.55 Dim road, brs. NW. and SE.

Descend gradually over SW. slope.

60.85 Center of wash, 2 chs. wide, 10 ft. deep, course S. Leave
nearly level bench, and enter gently rolling land.

Ascend 12 ft., over E. slope.

63.85 Low spur, slopes S.

Descend 10 ft., over W. slope.

66.35 Center of wash, 4 chs. wide, course S. 20° W.

Ascend 52 ft., over E. slope, to

74.85 Rim of bench, brs. N. and S. Leave gently rolling, and enter
nearly level land on bench.

79.86 The cor. of secs. 25, 26, 35 and 36.

Land, gently rolling and nearly level.

Soil, rocky, 3rd and 4th rate.

Timber, palo verde, and mesquite.

Undergrowth, catclaw, black brush, tesota and cactus.

N. 0° 1' W., bet. secs. 25 and 26.

Over nearly level land on bench, thru. scattering timber
and dense undergrowth.7.00 Rim of bench, brs. NW. and SE. Leave bench. Enter gently
rolling land.

Descend 32 ft., over NE. slope.

11.00 Wash, 50 lks. wide, course S. 50° E.

Ascend 44 ft., over SW. slope, to

22.00 Rim of bench, brs. NW. and SE. Leave gently rolling, and
enter nearly level land on bench.

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

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$S 26 \frac{1}{4} S 25 \\ 1921$$

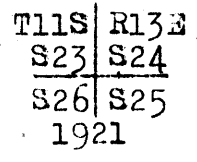
from which,

A palo verde, 8 ins. in diam., brs. S. 87° E., 217
lks. dist., marked $\frac{1}{4}$ S 25 BT.A palo verde, 6 ins. in diam., brs. S. 29° W., 65
lks. dist., marked $\frac{1}{4}$ S 26 BT.

Survey of Subdivision lines of Township 11 South, Range 13 East. 23

Chains.

77.50 Continue over nearly level land on bench.
 Road, brs.NE. and SW.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 26 ins. in
 the ground, for cor.of secs.23,24, 25 and 26, marked
 on brass cap,



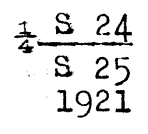
from which,
 A palo verde, 10 ins.in diam., brs.N.4°E., 78 lks.
 dist., marked T11S R13E S24 BT.
 A palo verde, 14 ins.in diam., brs.S.46°E., 45 lks.
 dist., marked T11S R13E S25 BT.
 A palo verde, 10 ins.in diam., brs.S.3°10'W., 275
 lks.dist., marked T11S R13E S26 BT.
 A palo verde, 8 ins. in diam., brs.N.70°W., 159
 lks.dist., marked T11S R13E S23 BT.

Land nearly level, and gently rolling.
 Soil, rocky, 3rd and 4th rate.
 Timber, palo verde and mesquite.
 Undergrowth, catclaw, black brush, yucca and cactus.

40.00 N.89°47'E., on a random line, bet. secs.24 and 25.
 Set temp. 1/4 sec. corr.
 79.88 Fall 40 lks.N.of the cor.of secs.19,24,25 and 30, on the
 E. bdy.of Tp., hereinbefore described.

Thence,
 N.89°56'W., on a true line, bet. secs.24 and 25.
 Over level land, thru.scattering timber and dense under-
 growth.

2.60 Left edge of wash, brs.NW. and SE. Thence across wash, 6
 ft. deep, course SE.
 5.90 Right edge of wash, brs.NW. and SE. Leave level and en-
 ter rolling land.
 Ascend 110 ft., over E.slope.
 14.90 Spur, slopes S.
 Descend 20 ft., over SW slope.
 16.90 Ascend 55 ft., over SE. and E.slopes.
 37.20 From this point, Andres Elias' house brs.N.20°E.about
 20 chs.dist.
 37.50 Road brs.NW. to Andres Elias' house and SE.
 38.90 Spur, slopes S.
 Descend 17 ft., over SW.slope, to
 39.94 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for 1/4 sec.cor., marked on brass cap,



from which,
 A mesquite, 4 ins.in diam., brs.S.75°W., 51 lks.
 dist., marked BT.

No other bearing trees available. Raise a mound of stone,
 2 ft. base, 1 1/2 ft. high, N.of cor.
 Continue over rolling land, thru. scattering timber and
 dense undergrowth.

Ascend 15 ft., over SE. slope.
 42.40 Descend 20 ft., over SW.slope.
 44.73 Wash, course S.
 Ascend 37 ft., over E.slope.
 47.40 Rim of bench, brs.N. and S. Leave rolling, and enter
 nearly level land on bench.
 53.90 Road, brs. N. and S.
 77.10 Road, brs.NE. and SW.
 79.88 The cor.of secs.23,24,25 and 26.

24 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.	<p>Land, level, rolling and nearly level. Soil, rocky, 3rd and 4th rate. Timber, palo verde, mesquite, and ironwood. Undergrowth, catclaw, black brush, tesota and cactus.</p> <hr/> <p>N.0°1'W. bet. secs. 23 and 24. Over nearly level land, thru. scattering timber and dense undergrowth.</p> <p>4.50 Wash, 30 lks. wide, course SW. 20.00 Same wash, course SE. 28.00 Dim road, brs. NE. and SW. 36.00 Same wash, course SW. Leave nearly level, and enter rolling land. Ascend gradually over SW. slope, to 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ \text{S23} \mid \text{S24} \\ \text{1921} \end{array}$ </div> <p>from which, A mesquite, 6 ins. in diam., brs. S. 15° E., 132 lks. dist., marked $\frac{1}{4}$ S 24 BT. No other bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. Ascend 20 ft., over SW. slope, thickly strewn with large granite boulders.</p> <p>42.00 Descend 18 ft., over NW. slope, to 47.00 Ascend 28 ft., over SW. slope. 51.80 Thence, over W. slope. Descend 15 ft. over SW. slope. 57.00 Ascend slightly over SW. slope, to 66.75 Foot of ridge, brs. NW. and SE. Leave rolling, and enter mountainous land. Ascend 175 ft., over SW. slope, strewn with large boulders. 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap,</p> <div style="text-align: center;"> $\begin{array}{c} \text{T11S} \mid \text{R13E} \\ \text{S14} \mid \text{S13} \\ \text{S23} \mid \text{S24} \\ \text{1921} \end{array}$ </div> <p>Mark a cross (x) on a large boulder, SE of post, 2 lks. dist. No bearing trees available, and no suitable stone for mound. Land, nearly level, rolling and mountainous. Soil, rocky, granite formation, 4th rate. Timber, palo verde, ironwood and mesquite. Undergrowth, catclaw, black brush, yucca and cactus.</p> <hr/> <p>S. 89° 56' E., on a random line, bet. secs. 13 and 24. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 79.86 Fall 21 lks. S. of the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., hereinbefore described. Thence, S. 89° 55' W., on a true line, bet. secs. 13 and 24. Over gently rolling land, thru. scattering timber and dense undergrowth. Ascend slightly over E. slope. 3.00 Low ridge, brs. N. and SE. Descend gradually over W. slope. 8.85 Wash, 30 lks. wide, course S. Ascend 25 ft., over SE. slope.</p>
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Survey of Subdivision lines of Township 11 South Range 13 East. 25

Chains.

- 10.45 Road, brs.NW. and SE.
- 20.25 Wire fence, brs.NW. and SE.
Descend 57 ft., over SW.slope.
- 25.35 Wire fence, brs.NE. and SW.
- 29.25 Center wash, 3.00 chs.wide, 20 ft.deep, course SE., containing a small stream of running water. From this point, a dam across this wash, 6 ft.high, brs.NW. 50 lks.dist. Leave gently rolling, and enter rolling land.
- 31.45 Ascend 142 ft., over E.slope to $\frac{1}{4}$ sec.cor.
From this point, another dam in above noted wash, brs.N. 5 chs.dist.
- 39.93 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 13
 S 24
 1921

- No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high. N.of cor.
- Continue over rolling land.
- Descend 10 ft., over SW.slope.
- 41.80 Ascend 30 ft., over SE.slope.
- 46.75 Descend 65 ft., over SW.slope.
- 59.20 Leave rolling, and enter mountainous land.
- Ascend 205 ft., over E.slope.
- 76.45 Ridge brs.NW. and SE.
- Descend 35 ft., over SW.slope, to
- 79.86 The cor.of secs.13, 14, 23 and 24.
Land, gently rolling, rolling and mountainous.
Soil, rocky, 4th rate.
Timber, palo verde, ironwood and mesquite.
Undergrowth, black brush, catclaw, ocotillo and cactus.

N.0°1'W., bet. secs.13 and 14.
Over mountainous land, thru. very scattering timber and scattering undergrowth.
Ascend 40 ft., over SW.slope, strewn with large granite boulders.

- 5.00 Ridge, brs.N. 60°W. and S.60°E.
Descend 80 ft., over NE.slope.
- 16.00 Ascend 12 ft., over SE.slope.
- 17.85 Descend 25 ft., over NE.slope.
- 22.85 Ascend 30 ft., over SE. slope.
- 26.30 Descend 46 ft., over NE.slope.
- 31.25 Ascend 18 ft., over SE.slope, to
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 25 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$
 S14 | S13
 1921

- No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft.base, 2 ft.high, W.of cor.
- Ascend 70 ft., over SE. and S.slopes.
- 53.70 Top of butte.
Descend 115 ft., over N.slope.
- 58.40 Center of wash, 1.50 chs.wide, course E.
Ascend 120 ft., over SE.slope, to
- 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins.in the ground, for cor.of secs.11, 12, 13 and 14, marked on brass cap,

T11S | R13E
 S11 | S12
 S14 | S13
 1921

26 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, palo verde, mesquite and ironwood.

Undergrowth, cactus, scrub oak, catclaw and greasewood.

40.00 N. $89^{\circ}55'E.$ on a random line, bet. secs. 12 and 13.
Set temp. $\frac{1}{4}$ sec. cor.

79.70 Fall 26 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., hereinbefore described.

Thence,

S. $89^{\circ}44'W.$, on a true line, bet. secs. 12 and 13.

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

Descend gradually over SW. slope.

5.70 Center of wash, 100 lks. wide, course S. Thence over rolling S. slope, descending slightly to $\frac{1}{4}$ sec. cor.

11.10 Wire fence, brs. NW. and SE.

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

$\frac{1}{4}$ S 12
S 13
1921

from which,

A palo verde, 10 ins. in diam., brs. N. $17^{\circ}40'W.$, 208 lks. dist., marked $\frac{1}{4}$ S 12 BT.

A palo verde, 10 ins. in diam., brs. S. $20^{\circ}W.$, 155 lks. dist., marked $\frac{1}{4}$ S 13 BT.

Continue over gently rolling land. Descend gradually over SW. slope.

40.40 Road, brs. NW. and SE.

44.20 Wash, 30 lks. wide, course S. Thence over S. slope, descending slightly to

51.10 Center of wash, 2 chs. wide, course S.

Ascend gradually over E. slope, to

60.30 Leave gently rolling, and enter mountainous land.

Ascend 106 ft., over E. slope.

72.70 Descend 16 ft., over S. slope, to

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

Land, gently rolling and mountainous.

Soil, rocky, granite formation, 4th rate.

Timber, palo verde, mesquite.

Undergrowth, scrub oak, catclaw, tesota and cactus.

N. $0^{\circ}1'W.$, bet. secs. 11 and 12.

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

Ascend 105 ft., over S. and SE. slopes.

24.00 Descend 17 ft., over NE. slope.

31.32 Wire fence, brs. E and W.

Ascend 20 ft., over S. slope, to

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

$\frac{1}{4}$
S 11 | S 12
1921

from which,

Survey of Subdivision lines of Township 11 South Range 13 East 27

Chains.

A cross (x) on a rock, brs. South 3 lks. dist.
 No bearing trees, and no other bearing objects available.
 Descend 65 ft., over N. slope.
 44.62 Wash, 30 lks. wide, course E. in bottom of ravine.
 Ascend 57 ft., over S. slope, to
 50.00 N, rim of ravine, brs. E. and W.
 Ascend 90 ft., over SW. slope, strewn with large granite
 boulders.
 65.00 Road, brs. NW. and SE.
 74.50 Spur, slopes SE.
 Descend 12 ft., over NE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
 the ground, for cor. of secs. 1, 2, 11 and 12, marked
 on brass cap,

T11S	R13E
S 2	S 1
S11	S12
1921	

No bearing trees available. Raise a mound of stone, 2½
 ft. base, 1½ ft. high, W. of cor.
 Land, rolling and mountainous.
 Soil, rocky, granite formation, 4th rate.
 Timber, palo verde and mesquite.
 Undergrowth, cactus, catclaw, yucca and greasewood.

N. 89° 44' E., on a random line, bet. secs. 1 and 12.
 40.00 Set temp. ¼ sec. cor.
 79.54 Fall 5 lks. S. of the original cor. of secs. 1, 6, 7 and 12,
 on the E. bdy. of the Tp., which is a granite stone, 6
 x 16 x 5 ins. above ground, firmly set, marked with 5
 notches on S. edge, and 1 notch on N. edge, and witnessed
 by 4 pits, one each NE, SE, SW. and NW. of cor., and a
 mound of earth and stone W. of cor. No bearing trees
 Thence,
 S. 89° 42' W., on a true line, bet. secs. 1 and 12.
 Over gently rolling land, thru. scattering timber and
 dense undergrowth.
 Ascend gradually over NE. slope.
 5.00 Low ridge, brs. NW. and SE.
 Descend gradually over SW. slope.
 20.05 Wash, 30 lks. wide, course S.
 Ascend 25 ft., over E. slope.
 25.54 Spur, slopes SE.
 Descend gradually over SW. slope to ¼ sec. cor.
 32.15 Wire fence, brs. N. 30° E. and S. 30° W.
 39.77 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,

¼ S 1
S 12
1921

from which,

A palo verde, 6 ins. in diam., brs. N. 25° W., 44
 lks. dist., marked ¼ S 1 BT.
 A palo verde, 5 ins. in diam., brs. S. 17° E., 94
 lks. dist., marked ¼ S 12 BT.
 Continue over gently rolling land.
 Descend gradually over SW. slope.
 49.54 Wash, 30 lks. wide, course S. Thence over S. slope, descend-
 ing gradually.
 57.05 Dim road, brs. NE. and SW.
 62.54 Center of wash, 3 chs. wide; course S. 30° E. Leave gently
 rolling, and enter rolling land.
 Ascend 65 ft., over NE. slope, to

28 Survey of the Subdivision lines of Township 11 South, Range 13 East.

Chains.

79.54 The cor. of secs. 1, 2, 11 and 12.
Land, gently rolling and rolling.
Soil, rocky, 3rd and 4th rate, granite formation.
Timber, mesquite, palo verde and ironwood.
Undergrowth, cactus, catclaw, tesota, ocotillo and greasewood.

N. 0° 1' W., on a true line, bet. secs. 1 and 2.
Over rolling land, thru scattering timber and dense undergrowth.

Descend 58 ft., over NE. slope, strewn with large granite boulders.

19.00 Thence, over nearly level land.

Descend slightly to

21.00 Wash, 20 lks. wide, course E.

Ascend slightly over E. and SE. slopes to $\frac{1}{4}$ sec. cor.

28.00 Wash, 20 lks. wide, course SE.

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

$$\begin{array}{c} \frac{1}{4} \\ S 2 | S 1 \\ 1921 \end{array}$$

from which,

A mesquite, 10 ins. in diam., brs. N. 10 $\frac{1}{2}$ ° E., 200 lks. dist., marked $\frac{1}{4}$ S 1 BT.

A mesquite, 14 ins. in diam., brs. S. 5° W., 225 lks. dist., marked $\frac{1}{4}$ S 2 BT.

Continue over nearly level land strewn with boulders.
Ascend slightly over SE. slope.

42.41 Sharp pointed granite boulder, 8 ft. high on line.

47.00 Center of wash, 100 lks. wide, course SE.

73.80 Center of wash, 1.50 chs. wide, course S. 30° E. Leave nearly level, and enter gently rolling land.

Ascend gradually over SW. slope, to

82.12 Intersect N. bdy. of Tp. (2nd Std. Parallel S.) at a point 19.17 chs. E. of the std. cor. of secs. 34 and 35, T. 10 S., R. 13 E., reestablished in 1913 by J. B. Wright, U.S.S., 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 mound of stone, N. of cor., and one bearing tree as follows:

A palo verde, 9 ins. in diam., N. 7° E., 70 lks. dist., marked SC T10S R13E S35. BT.

Make retracement of W. $\frac{1}{2}$ of S. bdy. of sec. 35, T. 10 S., R. 13 E. for alignment only, and find the bearing of the parallel to be west as per record.

At the point of intersection,

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

$$\begin{array}{c} T10S R13E \\ S35 \\ \hline S 2 | S 1 \\ C C \\ T11S \\ 1921 \end{array}$$

from which,

A mesquite, 24 ins. in diam., brs. S. 62 $\frac{1}{2}$ ° E., 84 lks. dist., marked T11S R13E S1 CC BT.

A catclaw, 8 ins. in diam., brs. S. 61 $\frac{1}{2}$ ° W., 46 lks. dist., marked T11S R13E S2 CC BT.

Survey of Subdivision lines of Township 11 South Range 13 East. 29

Chains.

Land, rolling, nearly level and gently rolling.
Soil, rocky, granite formation, 3rd rate.
Timber, palo verde, mesquite and ironwood.
Undergrowth, catclaw, ocotillo, yucca and cactus.

From the cor. of secs. 34 and 35, on S. bdy. of the Tp., here-
inbefore described,
N. 0° 1' W., bet. secs. 34 and 35.
Over gently rolling land, thru. scattering timber and dense
undergrowth.
Ascend gradually over SW. slope, to
17.70 Wash, 10 lks. wide, course SW. Thence over nearly level land.
Ascend 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., marked on brass cap,

$\frac{1}{4}$
S34 | S35
1921

from which,
A palo verde, 5 ins. in diam., brs. S. 42 $\frac{1}{2}$ ° E., 27
lks. dist., marked $\frac{1}{4}$ S 35 BT.
A palo verde, 6 ins. in diam., brs. N. 66° W., 50
lks. dist., marked $\frac{1}{4}$ S 34 BT.

Continue over nearly level land, thru. scattering timber
and dense undergrowth.
Ascend slightly over S. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
the ground, for cor. of secs. 26, 27, 34 and 35, marked
on brass cap,

T11S | R13E
S27 | S26
S34 | S35
1921

from which,
A palo verde, 10 ins. in diam., brs. N. 71 $\frac{1}{2}$ ° E., 159
lks. dist., marked T11S R13E S26 BT.
A mesquite, 10 ins. in diam., brs. S. 55 $\frac{1}{2}$ ° E., 114
lks. dist., marked T11S R13E S35 BT.
A palo verde, 8 ins. in diam., brs. S. 67° 10' W., 90
lks. dist., marked T11S R13E S34 BT.
A mesquite, 10 ins. in diam., brs. N. 39 $\frac{1}{2}$ ° W., 42
lks. dist., marked T11S R13E S27 BT.

Land, gently rolling, and nearly level.
Soil, sandy and rocky, 3rd rate, granite formation.
Timber, palo verde, mesquite and ironwood.
Undergrowth, greasewood, black brush and cactus.

East, on a random line, bet. secs. 26 and 35.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.94 Intersect N. and S. line, 25 lks. S. of the cor. of secs. 25,
26, 35 and 36.

Thence,
S. 89° 49' W., on a true line, bet. secs. 26 and 35.
Over nearly level land on bench; thru. scattering timber
and dense undergrowth.
11.50 Rim of bench, brs. NW. and S. Leave nearly level, and enter
gently rolling land:
Descend 60 ft., over SW. slope.
20.35 Wash, 30 lks. wide, course S.
Ascend 16 ft., over E. slope.
24.95 Low spur; slopes S.
27.55 Descend 10 ft., over SW. slope.

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Chains.

27.55 Wash, 20 lks. wide, course S.
Ascend 30 ft., over SE. slope, to
37.00 Thence over nearly level land.
39.97 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 26 \\ \hline S 35 \\ 1921 \end{array}$$

from which,

A mesquite, 6 ins. in diam., brs. N. 24° E., 100
lks. dist., marked $\frac{1}{4}$ S 26 BT.

A mesquite, 4 ins. in diam., brs. S. 20 $\frac{1}{2}$ ° W., 100
lks. dist., marked BT.

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

42.95 Wash, 30 lks. wide, course S.

58.05 Wash, 30 lks. wide, course SE.

75.45 Wash, 20 lks. wide, course SE.

79.94 The cor. of secs. 26, 27, 34 and 35.

Land, gently rolling, and nearly level.

Soil, sandy and rocky, granite formation, 3rd rate.

Timber, palo verde, ironwood, and mesquite.

Undergrowth, catclaw, black brush, and cactus.

N. 0° 1' W., bet. secs. 26 and 27.

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

22.50 Dim road, brs. NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\begin{array}{r} \frac{1}{4} \\ S27 | S26 \\ \hline 1921 \end{array}$$

from which,

A palo verde, 5 ins. in diam., brs. N. 38 $\frac{1}{2}$ ° E., 118
lks. dist., marked $\frac{1}{4}$ S 26 BT.

A palo verde, 10 ins. in diam., brs. N. 0° 30' W., 286
lks. dist., marked $\frac{1}{4}$ S 27 BT.

71.00 Road, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in
the ground, to bed rock, deposit a stone, marked with
a cross (x) at base of post, and raise a mound of
stone, around post, for cor. of secs. 22, 23, 26 and 27,
marked on brass cap,
$$\begin{array}{r} T11S | R13E \\ \hline S22 | S23 \\ \hline S27 | S26 \\ 1921 \end{array}$$

from which,

A palo verde, 10 ins. in diam., brs. N. 50° E.,
146 lks. dist., marked T11S R13E S23 BT.

A palo verde, 10 ins. in diam., brs. S. 63 $\frac{1}{2}$ ° E.,
18 lks. dist., marked T11S R13E S26 BT.

A palo verde, 8 ins. in diam., brs. S. 41 $\frac{1}{2}$ ° W.,
84 lks. dist., marked T11S R13E S27 BT.

A palo verde, 8 ins. in diam., brs. N. 82° W.,
106 lks. dist., marked T11S R13E S22 BT.

Land, level.

Soil, sandy, 2nd and 3rd rate.

Timber, palo verde, mesquite and ironwood.

Undergrowth, greasewood, catclaw, and cactus.

3600

Survey of Subdivision lines of Township 11 South, Range 13 East. 31

Chains.

40.00 N. 89° 49' E., on a random line, bet. secs. 23 and 26.
Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 23, 24, 25 and 26.
Thence,
S. 89° 51' W., on a true line, bet. secs. 23 and 26.
Over level land, thru. scattering timber and dense undergrowth.

3.20 Wash, 20 lks. wide, course S.

15.50 Wash, 50 lks. wide, course SE.

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

$\frac{1}{4}$ S 23
S 26
1921

from which,
A palo verde, 10 ins. in diam., brs. N. 87° W., 37 lks. dist., marked $\frac{1}{4}$ S 23 BT.
A mesquite, 4 ins. in diam., brs. S. 70° E., 156 lks. dist., marked BT.

46.40 Wash, 10 lks. wide, 4 ft. deep, course S.

76.50 Wash, 40 lks. wide, course S.

79.98 The cor. of secs. 22, 23, 26 and 27.
Land, level.
Soil, rocky, granite formation, 4th rate.
Timber, palo verde, mesquite, and ironwood.
Undergrowth, greasewood, black brush, catclaw and cactus.

N. 0° 1' W., bet. secs. 22 and 23.
Over level land, thru. scattering timber and dense undergrowth.

25.00 Leave level, and enter gently rolling land.
Ascend gradually over SE. slope, to

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

$\frac{1}{4}$
S22 | S23
1921

No bearing trees available. Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
Continue over gently rolling land, thru. scattering timber and dense undergrowth.
Ascend slightly over E. slope, to

43.50 Wash, 40 lks. wide, course SE.
Ascend gradually, over S. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap,

T11S | R13E
S15 | S14
S22 | S23
1921

from which,
A mesquite, 12 ins. in diam., brs. N. 44° E., 85 lks. dist., marked T11S R13E S14 BT.
A mesquite, 6 ins. in diam., brs. S. 73 $\frac{1}{2}$ ° E., 148 lks. dist., marked T11S R13E S23 BT.
A mesquite, 10 ins. in diam., brs. S. 52 $\frac{1}{2}$ ° W., 110 lks. dist., marked T11S R13E S22 BT.
A mesquite, 14 ins. in diam., brs. N. 73° W., 106 lks. dist., marked T11S R13E S15 BT.

Land, level and gently rolling.
Soil rocky, granite formation, 3rd rate.

32 Survey of the Subdivision lines of Township 11 South, Range 13 East

Chains.

Timber, palo verde, ironwood and mesquite.
Undergrowth, greasewood, catclaw, black brush and cactus.

N. 89° 51' E., on a random line, bet. secs. 14 and 23.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 13,
14, 23 and 24.
Thence,
S. 89° 48' W., on a true line, bet. secs. 14 and 23.
Over mountainous land, thru. scattering timber and dense
undergrowth.
10.50 Descend 165 ft., over SW. slope, to
Foot of ridge, brs. NW. and SE. Leave mountainous and
enter gently rolling land.
Ascend 50 ft., over S. slope.
33.00 Descend 20 ft., over S. slope, to
39.98 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 14
S 23
1921.

No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$
ft. base, 2 ft. high, N. of cor.
Continue over gently rolling land, thru. scattering tim-
ber and dense undergrowth.
Descend gradually over S. slope.
66.05 Wash, 30 lks. wide, course SE.
Ascend gradually over SE. and S. slope, to
79.96 The cor. of secs. 14, 15, 22 and 23.
Land, mountainous and gently rolling.
Soil, rocky, granite formation, 3rd rate.
Timber, palo verde, mesquite, and ironwood.
Undergrowth, catclaw, greasewood, cactus and black brush.

N. 0° 1' W., bet. secs. 14 and 15.
Over gently rolling land, thru. scattering timber and
dense undergrowth.
Ascend slightly over S. slope, to
3.50 Leave gently rolling, and enter mountainous land (Tortill-
ita Mountains).
Ascend 35 ft., over SW. slope.
13.50 Descend 20 ft., over NW. slope.
20.00 Wash, 30 lks. wide, course S. 20° W.
Ascend 75 ft., over SW. slope.
28.35 Descend 20 ft., over NW. slope.
33.35 Ascend 37 ft., over SW. slope, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground, to bed rock, deposit a stone, marked with
a cross (x) at base of post, and raise a mound of
stone, around post, for $\frac{1}{4}$ sec. cor., marked on brass
cap,

$\frac{1}{4}$
S15 | S14
1921

from which,
A mesquite, 4 ins. in diam., brs. S. 51° E., 85 lks.
dist., marked BT.
A palo verde, 4 ins. in diam., brs. N. 48° W., 23 lks.
dist., marked BT.
Ascend 105 ft., over SW. slope.
43.20 Point of spur, slopes W.
Descend 45 ft., over NW. slope.

5600

Survey of Subdivision lines of Township 11 South, Range 13 East. 33

Chains.
 53.10 Wash, course SW.
 Ascend 280 ft., over SE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post for cor. of secs. 10, 11, 14 and 15, marked on brass cap,

T11S	R13E
S10	S11
S15	S14
1921	

from which,
 A mesquite, 10 ins. in diam., brs. S. 89° E., 94 lks. dist., marked T11S R13E S14 BT.
 A boulder, 8x4x2 ft. above ground, brs. S. 2 lks. dist., marked cross (x) B.O. No other bearing trees or bearing objects available.
 Land, S. 3½ chs., gently rolling; remainder, mountainous.
 Soil, rocky, granite formation, 4th rate.
 Timber, palo verde, mesquite and ironwood.
 Undergrowth, catclaw, scrub oak, ocotillo, yucca and greasewood.

40.00 N. 89° 48' E., on a random line, bet. secs. 11 and 14.
 Set temp. ¼ sec. cor.
 80.04 Intersect the cor. of secs. 11, 12, 13 and 14.
 Thence,
 S. 89° 48' W., on a true line, bet. secs. 11 and 14.
 Over mountainous land (Tortillita Mountains) thru. scattering timber and dense undergrowth.
 Ascend 40 ft., over SE. slope.
 8.60 Descend 20 ft., over SW. slope.
 11.35 Ascend 55 ft., over E. slope.
 15.00 Top of granite butte.
 Descend 102 ft., over W. slope.
 27.05 Gulch, course SE.
 Ascend 65 ft., over E. slope, to
 40.02 Spur, slopes SE. 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 ¼ sec. cor., marked on brass cap,

¼ S 11
S 14
1921

No bearing trees available.
 Descend 35 ft., over SW. slope.
 47.00 Draw, course SE.
 Ascend 205 ft., over E. slope.
 55.35 Spur, slopes SE.
 Descend 25 ft., over SW. slope.
 59.35 Draw, course SE.
 Ascend 80 ft., over NE. slope.
 64.55 Ridge, brs. NW. and SE.
 Descend 40 ft., over SW. slope, to
 70.10 Thence over S. slope.
 Ascend 12 ft. to
 75.00 Ascend 70 ft., over SE. slope, to
 80.04 The cor. of secs. 10, 11, 14 and 15.
 Land, mountainous.
 Soil, rocky, granite formation, 4th rate.
 Timber, palo verde, mesquite and ironwood.
 Undergrowth, greasewood, catclaw, black brush, ocotillo and cactus.

34. Survey of Subdivision lines of Township 11 South Range 13 East.

Chains.	
	N.0°1'W., bet. secs.10 and 11. Over mountainous land (Tortillita Mountains) thru scattering timber and undergrowth. Ascend 45 ft., over SE. slope.
7.40	Ridge, brs.NE. and SW. Descend 170 ft., over NW.slope.
25.00	Wash, course N.75°E.
40.00	Ascend 105 ft., over SE.slope, to Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S10 S11 \\ \downarrow \\ 1921 \end{array}$
	No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W.of cor.
46.00	Ascend 57 ft., over SE. slope. Spur, slopes E.
52.00	Descend 70 ft., over N.slope. Wash, course S.
60.00	Ascend 57 ft., over S.slope. Spur, slopes E.
63.00	Descend 20 ft., over N.slope, to Enter small basin. Thence across nearly level surface, near W. end of basin.
73.00	Leave basin. Ascend 116 ft., over S.slope, to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the, for cor. of secs. 2, 3, 10 and 11, marked on brass cap,
	$\begin{array}{c} T11S R13E \\ \hline S 3 S 2 \\ \hline S10 S11 \\ 1921 \end{array}$
	from which, A palo verde, 4 ins. in diam., brs.N.48 $\frac{1}{2}$ °E., 10 lks.dist., marked BT. A palo verde, 5 ins. in diam., brs.S.6°W., 58 lks.dist., marked T11S, R13E S10, BT.
	No other bearing trees available. Raise a mound of stone 2 $\frac{1}{2}$ ft. base, 2 ft. high W.of cor. Land, mountainous. Soil, rocky, granite formation, 4th rate. Timber, palo verde, mesquite, and ironwood. Undergrowth, catclaw, cactus, ocotillo and scrub oak.

40.00	N.89°48'E., on a random line, bet. secs.2 and 11. Set temp. $\frac{1}{4}$ sec.cor.
80.00	Intersect N. and S. line, 7 lks.S.of the cor.of secs.1, 2, 11 and 12. Thence, S.89°45'W., on a true line, bet. secs.2 and 11. Over rolling land, thru. scattering timber and undergrowth.
7.00	Ascend 30 ft., over NE.slope. Spur, slopes SE.
10.00	Ascend 11 ft. to Ridge, brs.N. and S. Descend 20 ft., over W.slope, to
15.00	Foot of ridge, brs:N. and S. Leave rolling, and enter nearly level land.
20.00	From this point, Nelson ranch brs.S. about 20 chs.dist.
23.00	Road, brs. N.and S.
27.00	Center of wash, 1.50 chs. wide, course S. From this

E000 0000

Survey of Subdivision lines of Township 11 South, Range 13 East. 35

Chains.	
	point, rock dam, brs.S.1.50 chs. dist.
34.00	Wash, 40 lks.wide, course SE. Leave nearly level, and enter rolling land.
	Ascend 30 ft., over E. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$\frac{1}{4} \frac{S \quad 2}{S \quad 11}$ 1921
	No bearing trees available. Thence over mountainous land (Tortillita Mountains) thru. scattering timber and undergrowth.
	Ascend 375 ft., over very rocky E. and NE. slopes.
79.00	Ridge, brs. NW. and SE.
	Descend 8 ft., over SW. slope, to
80.00	The cor. of secs. 2, 3, 10 and 11.
	Land, rolling, nearly level and mountainous. Soil, rocky, granite formation, 4th rate. Timber, palo verde, mesquite and ironwood. Undergrowth, catclaw, ocotillo, yucca, scrub oak, and cactus.

	N.0°1'W., on a true line, bet. secs. 2 and 3. Over mountainous land (Tortillita Mountains) thru. scattering timber and undergrowth:
	Ascend 15 ft., over SW. slope.
3.00	Ridge, brs. NW. and SE.
	Descend 160 ft., over rocky E. and NE. slopes.
27.00	Stone wall drift fence, brs. E. and W.
36.40	Ascend 20 ft., over SE. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$S \quad 3 \quad \quad S \quad 2$ 1921
	from which,
	A palo verde, 4 ins. in diam., brs. N.28 $\frac{1}{2}$ °E., 30 lks. dist., marked BT;
	A palo verde, 5 ins. in diam., brs. S.70°W., 49 lks. dist., marked $\frac{1}{4}$ S 3 BT.
	Descend 125 ft., over NE. slope.
57.50	Wash, 30 lks.wide, course E. Leave mountainous, and enter gently rolling land.
	Descend slightly over E. slope, to
60.80	Center of wash, 1.50 chs.wide, course SE.
	Ascend gradually over SE. slope, to closing cor.
68.50	Wash, 20 lks.wide, 3 ft. deep, course E.
80.10	Old road, brs. NW. and SE.
82.45	Intersect N. bdy. of Tp. (2nd. Standard Parallel South) at a point 19.47 chs. East from std. cor. of secs. 33 and 34, T.10 S., R.13 E. reestablished in 1913, by J.B. Wright, U.S.S., which is an iron post, 3 ins. in diam., projecting 14 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two bearing trees, as follows:
	A mesquite, 7 ins. in diam., N.76°E., 52 lks. dist., marked SC T10S R13E S34 BT.
	A palo verde, 15 ins. in diam., N.76°W., 57 lks. dist., marked SC T10S R13E S33 BT.
	Make retracement of W. $\frac{1}{2}$ of S. bdy. of sec. 34, T.10 S., R.13 E. for alignment only, and find the bearing of the

36. Survey of Subdivision lines of Township 11 South, Range 13 E.

Chains.

Parallel to be west as per record: At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for closing cor. of secs. 2 and 3, marked on brass cap,

T10S R13E	
S34	
S 3	S 2
C	C
T11S	
1921	

from which,

A palo verde, 5 ins. in diam., brs. S. $43\frac{1}{2}^{\circ}$ E., 237 lks. dist., marked T11S R13E S2 CC BT.

A mesquite, 8 ins. in diam., brs. S. $79\frac{1}{4}^{\circ}$ W., 265 lks. dist., marked T11S R13E S3 CC BT.

Land, mountainous, and gently rolling.

Soil, rocky, 3rd and 4th rate, granite formation.

Timber, palo verde, mesquite, and ironwood.

Undergrowth, catclaw, cactus, ocotillo and greasewood.

From the cor. of secs. 33 and 34, on the S. bdy. of Tp., hereinbefore described,

N. $0^{\circ}2'$ W., bet. secs. 33 and 34.

Over nearly level land, sloping slightly to the S. and SW., thru. scattering timber and dense undergrowth.

39.00 Dim road, brs. NE. and SW.

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

$\frac{1}{4}$	
S33	S34
1921	

from which,

A palo verde, 14 ins. in diam., brs. S. $9\frac{1}{2}^{\circ}$ E., 140 lks. dist., marked $\frac{1}{4}$ S 34 BT.

A palo verde, 12 ins. in diam., brs. N. 7° W., 78 lks. dist., marked $\frac{1}{4}$ S 33 BT.

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

60.00 Dim road, brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap,

T11S R13E	
S28	S27
S33	S34
1921	

from which,

A mesquite, 3 ins. in diam., brs. N. 85° E., 49 lks. dist., marked BT.

A mesquite, 4 ins. in diam., brs. S. $76\frac{1}{2}^{\circ}$ E., 158 lks. dist., marked BT.

A mesquite, 6 ins. in diam., brs. S. $2\frac{1}{2}^{\circ}$ W., 51 lks. dist., marked T11S R13E S33 BT.

A mesquite, 4 ins. in diam., brs. N. 42° W., 85 lks. dist., marked BT.

Land, nearly level.

Soil, gravelly, granite formation, 2nd rate.

Timber, palo verde, ironwood and mesquite.

Undergrowth, greasewood, black brush and cactus.

Survey of Subdivision lines of Township 11 South, Range 13 East, 37

Chains.	N.89°54'E., on a random line, bet. secs.27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
79.92	Intersect the cor. of secs. 26,27, 34 and 35.
	Thence,
	S.89°54'W., on a true line, bet. secs.27 and 34.
	Over nearly level land, sloping slightly to the S. and SW., thru. scattering timber and dense undergrowth.
16.70	Wash, 20 lks.wide, course S.
29.90	Center of wash, 100 lks.wide, course S.
39.96	Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$\frac{1}{4}$ S 27 $\frac{1}{4}$ S 34 1921
	from which,
	A palo verde, 10 ins. in diam., brs.N.38 $\frac{1}{2}$ °W., 132 lks.dist., marked $\frac{1}{4}$ S 27 BT.
	A mesquite, 6 ins. in diam., brs.S.56°40'W., 130 lks.dist., marked $\frac{1}{4}$ S 34 BT.
40.02	Old road, brs.N. and S.
56.62	Dim road, brs. NE. and SW.
62.90	Wash, 70 lks.wide, course S.
64.02	Dim road, brs.N. and S.
68.40	Wash, 50 lks.wide, course S.30°W.
70.20	Dim road, brs.NE. and SW.
79.92	The cor.of secs. 27,28, 33 and 34.
	Land, nearly level.
	Soil, sandy and gravelly, 2nd and 3rd rate.
	Timber, palo verde, ironwood and mesquite.
	Undergrowth, greasewood, catclaw, black brush and cactus.

	N.0°2'W., bet. secs.27 and 28.
	Over nearly level land, sloping slightly to the SW. and S., thru. scattering timber and dense undergrowth.
30.40	Road, brs.NE. and SW.
34.00	Wash, 10 lks.wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$\frac{1}{4}$ S28 S27 1921
	from which,
	A palo verde, 6 ins. in diam., brs.S.27°E., 20 lks.dist., marked $\frac{1}{4}$ S 27 BT.
	A palo verde, 10 ins. in diam., brs.N.4 $\frac{1}{2}$ °W., 72 lks.dist., marked $\frac{1}{4}$ S 28 BT.
45.40	Road, brs.E. and W. From this point, T.Trevan's house. brs.E. about 20 chs.dist.
70.00	Leave sandy soil, thence over rocky land.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins.in the ground to bed rock, and raise a mound of stone around post, for cor.of secs.21,22,27 and 28, marked on brass cap,
	T11S R13E S21 S22 S28 S27 1921
	from which,
	A giant cactus (double) brs.N.33°E., 46 lks. dist., marked cross (x).
	A palo verde, 4 ins.in diam., brs.S.64°E., 96 lks.

38 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.	
	<p>dist., marked BT. A palo verde, 4 ins. in diam., brs. S. 46° W., 36 lks. dist., marked BT. No other bearing trees available. Raise a mound of stone 2½ ft. base, 1½ ft. high, W. of cor. Land, nearly level. Soil, sandy, gravelly and rocky, 2nd and 3rd rate. Timber, palo verde, ironwood and mesquite. Undergrowth, greasewood, catclaw, and cactus.</p>
40.00	N. 89° 54' E., on a random line, bet. secs. 22 and 27.
79.86	Set temp. ¼ sec. cor. Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27.
	Thence, S. 89° 56' W., on a true line, bet. secs. 22 and 27. Over nearly level land, sloping slightly to the S., thru. scattering timber and dense undergrowth.
17.35	Road, brs. NW and SE.
33.55	Road, brs. N. and S.
36.65	Road, brs. NW and SE.
39.93	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,
	$\frac{1}{4} \frac{S \ 22}{S \ 27}$ 1921
	from which, A palo verde, 12 ins. in diam., brs. N. 53° 25' W., 111 lks. dist., marked ¼ S 22 BT. A palo verde, 10 ins. in diam., brs. S. 24° 10' E., 67 lks. dist., marked ¼ S 27 BT.
50.05	Wire fence, brs. N. and S.
50.25	Wash, 20 lks. wide, course SW.
68.25	Wash, 15 lks. wide, course S.
71.45	Wire fence, brs. N. and S. Fence cor. brs. N. 2 chs. dist., from which fence extends NE. and S.
74.85	Road, brs. NW. and SE.
79.86	The cor. of secs. 21, 22, 27 and 28. Land, nearly level. Soil, rocky, granite formation, 3rd rate. Timber, palo verde, ironwood and mesquite. Undergrowth, greasewood, black brush, scrub oak and cac- tus.
	N. 0° 2' W., bet. secs. 21 and 22. Over nearly level land, sloping slightly to the S. and SW., thru. scattering timber and dense undergrowth.
7.00	Road, brs. NW and SE.
36.00	Wash, 30 lks. wide, course SW.
39.50	Wash, 20 lks. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
	$\frac{1}{4} \frac{S 21 \ S 22}{1921}$
	from which, A mesquite, 8 ins. in diam., brs. S. 2½° E., 19 lks. dist., marked ¼ S 22 BT. A mesquite, 12 ins. in diam., brs. N. 76° W., 81 lks. dist., marked ¼ S 21 BT.
46.50	Wash, course SE.
60.00	Leave nearly level, and enter rolling land. Ascend 66 ft., over E. slope.

BOOK 3000

Survey of Subdivision lines of Township 13 South, Range 11, East. 39

Chains.

69.00 Ridge, brs. NE. and SW.
Descend 25 ft., over NW. slope.
74.00 Ascend 18 ft., over SW. slope.
78.00 Descend 5 ft., over W. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in
the ground to bed rock, and raise a mound of stone
around post, for cor. of secs. 15, 16, 21 and 22, marked
on brass cap,

T11S	R13E
S16	S15
S21	S22
1921	

from which,

A mesquite, 5 ins. in diam., brs. N. $23\frac{1}{4}^{\circ}$ E., 69
lks. dist., marked T11S R13E S15 BT.
A mesquite, 5 ins. in diam., brs. S. $12\frac{1}{2}^{\circ}$ E., 84
lks. dist., marked T11S R13E S22 BT.
A palo verde, 5 ins. in diam., brs. S. $11^{\circ}40'$ W.,
170 lks. dist., marked T11S R13E S21 BT.
A mesquite, 8 ins. in diam., brs. N. $24\frac{1}{2}^{\circ}$ W., 187
lks. dist., marked T11S R13E S16 BT.

Land, nearly level and rolling.

Soil, rocky, granite formation, 4th rate.

Timber, palo verde, mesquite, and ironwood.

Undergrowth, cactus, catclaw, ocotillo, yucca and scrub
oak.

40.00 N. $89^{\circ}56'$ E., on a random line, bet. secs. 15 and 22.
Set temp. $\frac{1}{4}$ sec. cor.
79.86 Intersect N. and S. line, 19 lks. N. of the cor. of secs.
14, 15, 22 and 23.

Thence,

N. $89^{\circ}56'$ W., on a true line, bet. secs. 15 and 22.

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

Descend gradually over SW. slope.

12.15 Wash, 40 lks. wide, course S. 30° E.

Ascend gradually over E. slope.

23.00 Descend gradually over SW. slope.

33.86 Wash, 50 lks. wide, course S. 20° E.

Ascend gradually over SE. slope, to

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

$\frac{1}{4}$	S 15
	S 22
1921	

from which,

A mesquite, 5 ins. in diam., brs. N. $25\frac{1}{2}^{\circ}$ E., 107
lks. dist., marked $\frac{1}{4}$ S 15 BT.

A mesquite, 8 ins. in diam., brs. S. 10° E., 111
lks. dist., marked $\frac{1}{4}$ S 22 BT.

Thence, over rolling land, thru. scattering timber and
dense undergrowth.

Ascend 95 ft., over SE. slope.

71.85 Ridge, brs. NE. and SW.

Descend 50 ft., over NW. slope, to

79.86 The cor. of secs. 15, 16, 21 and 22.

Land, gently rolling and rolling.

Soil, rocky, granite formation, 4th rate.

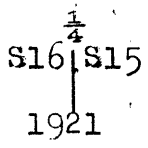
Timber, palo verde, mesquite, and ironwood.

Undergrowth, cactus, ocotillo, catclaw, greasewood and scrub
oak.

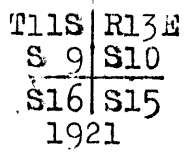
40 Survey of Subdivision lines of Township 13 South, Range 11 East.

Chains.

N.0°2'W., bet. secs.15 and 16.
 Over rolling land, thru. scattering timber and dense undergrowth.
 Descend 6 ft., over NW.slope.
 1.00 Center of wash, 100 lks.wide, course SW.
 Ascend 18 ft., over SW.slope.
 10.00 Descend 12 ft., over NW.slope.
 15.00 Wash, 30 lks.wide, course SW.
 Ascend 65 ft., over SE. slope.
 26.50 Descend 12 ft., over NE. slope, to
 31.45 Leave rolling, and enter mountainous land (Tortillita Mountains).
 Ascend 76 ft., over SE.slope, to
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,



No bearing trees available. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 To avoid a perpendicular cliff crossing the sec.line, about 2 chs.N. of $\frac{1}{4}$ sec.cor., offset West 2.00 chs. from the $\frac{1}{4}$ sec.cor., and run N.0°2'W., 4.36 chs. on offset line, in sec.16.
 Thence East 2.00 chs.along top of spur, returning to sec. line at
 44.36 Top of spur, sloping E., 153 ft. above $\frac{1}{4}$ sec.cor.
 Descend 100 ft., over N.slope.
 49.36 Gulch, course E.
 Ascend 215 ft., over SE.slope.
 58.00 Spur, slopes NE.
 Descend 30 ft., over NW.slope.
 66.00 Wash, course NE.
 Ascend 175 ft., over S.slope.
 76.55 Top of hill, from which a spur, slopes N.
 Descend 110 ft., over NW.slope, to
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., on surface rock, deposit a stone, marked with a cross(x) at base of post, and raise a mound of stone around post, for cor. of secs.9,10,15 and 16, marked on brass cap,



No bearing trees available.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate, granite formation.
 Timber, mesquite, and ironwood.
 Undergrowth, catclaw, ocotillo, cactus and scrub oak.

S.89°56'E., on a random line, bet. secs.10 and 15.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.98 Intersect N. and S. line, 16 lks.S. of the cor. of secs.10, 11, 14 and 15.
 Thence,
 S.89°57'W., on a true line, bet. secs.10 and 15.
 Over mountainous land (Tortillita Mountains) thru. scattering timber and dense undergrowth.
 Ascend 30 ft., over SE.slope.
 1.00 Ridge, brs. NE and SW.
 Descend 70 ft., over NW.slope.
 12.45 Ascend 40 ft., over SE.slope.
 17.40 Descend 135 ft., over SW.slope.
 26.70 Wash, 50 lks.wide, course SE.

Survey of Subdivision lines of Township South, Range 13 East. 41

Chains.	
39.99	Ascend 135 ft., over SE. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \\ \hline S 10 \\ \frac{1}{4} \\ S 15 \\ 1921 \end{array}$
	No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
44.65	Ascend 42 ft., over SE. slope. Ridge, brs. NE. and SW.
49.65	Descend 20 ft., over W. slope.
49.65	Head of gulch, course NW.
54.50	Ascend 70 ft., over NE. slope.
54.50	Same ridge, brs. NW, and SE. near end of same.
67.65	Descend 235 ft., over W. slope.
67.65	Wash, 75 lks. wide, in gulch, course S.
78.50	Ascend 145 ft., over E. slope.
78.50	Point of spur, from hill, slopes N.
79.98	Descend 35 ft., over NW. slope, to
79.98	The cor. of secs. 9, 10, 15 and 16.
	Land, mountainous.
	Soil, rocky, granite formation, 4th rate.
	Timber, mesquite and palo verde.
	Undergrowth, catclaw, ocotillo, greasewood and cactus.

	N. 0° 2' W., bet. secs. 9 and 10.
	Over mountainous land (Tortillita Mountains) thru. scatter-
	ing timber and dense undergrowth.
2.23	Descend 75 ft., over NW. slope.
2.23	Bottom of gulch, 30 lks. wide, course NE.
16.00	Ascend 280 ft., over S. slope.
16.00	Spur, slopes E.
24.70	Descend 165 ft., over NE. slope.
24.70	Wash, 40 lks. wide, in gulch, course E.
34.75	Ascend 80 ft., over SE. slope.
34.75	Point of spur, slopes SE.
36.60	Descend 50 ft., over NE. slope.
36.60	Wash, 30 lks. wide, in gulch, course SE.
40.00	Ascend 80 ft., over SW. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., on surface rock,
	deposit a stone marked with a cross (x) at base of post,
	and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor.
	marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \\ S 9 S 10 \\ 1921 \end{array}$
	No bearing trees available.
44.00	Ascend 25 ft., over SW. slope.
44.00	Point of spur, slopes W.
49.00	Descend 30 ft., over NW. slope.
49.00	Wash, course SW.
65.16	Ascend 145 ft., over S. slope.
65.16	Ridge, brs. E. and W.
72.00	Ascend 55 ft., over NE. slope.
72.00	Wash, 20 lks. wide, course E.
80.00	Ascend 72 ft., over S. slope, to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in
	the ground to bed rock, and raise a mound of stone
	around post, for cor. of secs. 3, 4, 9 and 10, marked on
	brass cap,

42 Survey of Subdivision lines of Township 13 South, Range 13 E.

Chains.

T11S	R13E
S 4	S 3
S 9	S 10
1921	

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, mesquite, and palo verde.

Undergrowth, catclaw, ocotillo, cactus and scrub oak.

40.00 N. $89^{\circ} 57' E.$, on a random line, bet. secs. 3 and 10.
 80.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 2, 3, 10 and 11.
 Thence,
 S. $89^{\circ} 58' W.$, on a true line, bet. secs. 3 and 10;
 Over mountainous land (Tortillita Mountains) thru. scattering timber and dense undergrowth.
 4.35 Ascend 55 ft., over E. slope.
 Ridge, brs. N. and S.
 25.90 Descend 177 ft., over W. slope.
 Wash, course N.
 40.00 Ascend 130 ft., over E. slope; to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 3
S 10
1921

43.35 No bearing trees available.
 Ascend 40 ft., over E. slope.
 43.35 Spur, slopes N.
 55.60 Descend 145 ft., over W. slope.
 Wash, 20 lks. wide, course N.
 77.00 Ascend 265 ft., over broken SE. slope.
 Point of spur, slopes S.
 80.00 Descend 25 ft., over SW. slope, to
 80.00 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, rocky, granite formation, 4th rate.
 Timber, mesquite, palo verde.
 Undergrowth, catclaw, ocotillo, scrub oak and cactus.

15.00 N. $0^{\circ} 2' W.$, on a true line, bet. secs. 3 and 4.
 Over mountainous land (Tortillita Mountains), thru. scattering timber and dense undergrowth.
 Ascend 75 ft., over SW. slope.
 15.00 Spur, slopes SE.
 40.00 Descend 145 ft., 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., marked on brass cap,

$\frac{1}{4}$ S 4	S 3
1921	

from which,

A mesquite, 10 ins. in diam., brs. S. $86^{\circ} E.$,
 314 lks. dist., marked $\frac{1}{4}$ S 3 BT.

No other bearing trees available. Raise a mound of stone

BOOK 2000

Survey of Subdivision lines of Township 11 South, Range 13 East. 43

Chains.

2 1/2 ft. base, 2 ft. high, W. of cor.
 Descend 30 ft., over NE. slope.

48.00 Head of draw, course E. Leave mountainous, and enter rolling land.

Ascend 95 ft., over SE. slope.

60.00 Spur, slopes NE.

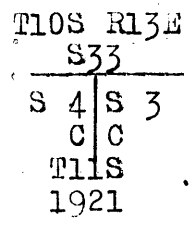
Descend 165 ft., over NW. slope, to

82.60 Intersect N. bdy. of Tp., (2nd Std. Par. S.) at a point 19.55 chs. East from the std. cor. of secs. 32 and 33, T. 10 S., R. 13 E., reestablished by J. B. Wright, U.S.S., in 1913, which is an iron post 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two bearing trees as follows:

- A mesquite, 9 ins. in diam., N. 19 1/4° E., 182 lks. dist., marked 1/4 S 3 BT.
- A mesquite, 15 ins. in diam., N. 24° W., 164 lks. dist., marked 1/4 S 4 BT.

Make retracement of the W. 1/2 of S. bdy. of sec. 33, T. 10 S., R. 13 E. for alinement only, and find the bearing of the Parallel to be West, as per record.

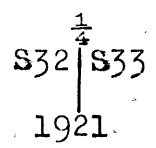
At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for closing cor. of secs. 3 and 4, marked on brass cap,



No bearing trees available.
 Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, S. of cor.
 Land, mountainous and rolling.
 Soil, rocky, granite formation, 4th rate.
 Timber, mesquite.
 Undergrowth, catclaw, scrub oak, ocotillo and cactus.

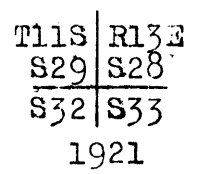
From the cor. of secs. 32 and 33 on S. bdy. of the Tp., hereinbefore described,
 N. 0° 2' W., bet. secs. 32 and 33:
 Over nearly level land, sloping slightly to the SW., thru heavy timber and dense undergrowth.

2.40 Wash, 30 lks. wide, course SW.
 15.00 Center of wash, 100 lks. wide, course SW.
 37.00 Old road, brs. NE and SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



from which,
 A mesquite, 4 ins. in diam., brs. N. 65° E., 100 lks. dist., marked BT.
 A palo verde, 5 ins. in diam., brs. S. 65° W., 109 lks. dist., marked 1/4 S32 BT.

62.00 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. 28, 29, 32 and 33, marked on brass cap,



44 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.

from which,

A mesquite, 4 ins. in diam., brs. N. 45° E., 46
lks. dist., marked BT.A mesquite, 3 ins. in diam., brs. S. 80° E., 29
lks. dist., marked BT.A palo verde, 6 ins. in diam., brs. S. 77° W., 41
lks. dist., marked T11S R13E S32 BT.A mesquite, 5 ins. in diam., brs. N. 49° W., 83
lks. dist., marked T11S R13E S29 BT.

Land, nearly level.

Soil, sandy, granite formation, 2nd rate.

Timber, palo verde, ironwood, and mesquite.

Undergrowth, cactus, catclaw, greasewood, yucca.

40.00

N. 89° 56' E., on a random line, bet. secs. 28 and 33.

79.72

Set temp. $\frac{1}{4}$ sec. cor.Intersect N. and S. line, 2 lks. S. of the cor. of secs. 27,
28, 33 and 34.

Thence,

S. 89° 55' W., on a true line, bet. secs. 28 and 33.

Over nearly level land, sloping slightly to the SW., thru.
heavy timber and dense undergrowth.

33.70

Wash, course SW.

36.90

Wash, 80 lks. wide, course SW.

39.86

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\frac{1}{4} \frac{S 28}{S 33}$$
 1921

from which,

A mesquite, 14 ins. in diam., brs. N. 13° E., 34
lks. dist., marked $\frac{1}{4}$ S 28 BT.A mesquite, 18 ins. in diam., brs. S. 7° W., 188
lks. dist., marked $\frac{1}{4}$ S 33 BT.

41.70

Wash, 60 lks. wide, course S.

62.80

Old road, brs. NE. and SW.

79.72

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

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, palo verde, mesquite and ironwood.

Undergrowth, cactus, catclaw, black brush, greasewood and
ocotillo.

N. 0° 2' W., bet. secs. 28 and 29.

Over nearly level land, sloping slightly to the SW., thru.
heavy timber and dense undergrowth.

15.00

Wash, 10 lks. wide, course SW.

20.00

Wash, 10 lks. wide, course S. 10° W.

35.50

Road, brs. NE. and SW.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\frac{1}{4} \frac{S 29}{S 28}$$
 1921

from which,

A palo verde, 5 ins. in diam., brs. S. 32° E.,
51 lks. dist., marked $\frac{1}{4}$ S 28 BT.A palo verde, 5 ins. in diam., brs. S. 62° W.,
130 lks. dist., marked $\frac{1}{4}$ S 29 BT.

52.60

Wash, 10 lks. wide, course SW.

61.00

Wash, 50 lks. wide, course W.

Ascend slightly over S. slope, to

BOOK 200

Survey of Subdivision lines of Township 11 South Range 13 East. 45

Chains.									
72.50	Leave nearly level, and enter rolling land. Ascend 30 ft., over S. slope.								
78.50	Low spur, slopes SW. Descend 10 ft., over NW. slope, to								
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap.								
	<table border="1"> <tbody> <tr> <td>T11S</td> <td>R13E</td> </tr> <tr> <td>S20</td> <td>S21</td> </tr> <tr> <td>S29</td> <td>S28</td> </tr> <tr> <td colspan="2">1921</td> </tr> </tbody> </table>	T11S	R13E	S20	S21	S29	S28	1921	
T11S	R13E								
S20	S21								
S29	S28								
1921									
	No bearing trees available. Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. Land, nearly level and rolling. Soil, sandy and gravelly, 2nd rate. Timber, palo verde, mesquite and ironwood. Undergrowth, cactus, ocotillo, scrub oak, yucca and greasewood.								

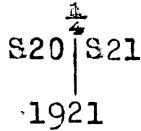
40.00	N. $89^{\circ}55'$ E., on a random line, bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor.								
79.76	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 21, 22, 27 and 28. Thence, S. $89^{\circ}57'$ W., on a true line, bet. secs. 21 and 28. Over nearly level land, sloping slightly to the S., thru. scattering timber and undergrowth.								
12.75	Wash, 50 lks. wide, 4 ft. deep, course S.								
21.05	Road, brs. N. and S.								
29.75	Center of wash, 2 chs. wide, course S.								
38.75	Road, brs. N. 20° E. and S. 20° W.								
39.88	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap.								
	<table border="1"> <tbody> <tr> <td>$\frac{1}{4}$ S 21</td> </tr> <tr> <td>S 28</td> </tr> <tr> <td>1921</td> </tr> </tbody> </table>	$\frac{1}{4}$ S 21	S 28	1921					
$\frac{1}{4}$ S 21									
S 28									
1921									
	from which, A mesquite, 6 ins. in diam., brs. N. 24° E., 68 lks. dist., marked $\frac{1}{4}$ S 21 BT. A mesquite, 5 ins. in diam., brs. S. $23^{\circ}20'$ E., 102 lks. dist., marked $\frac{1}{4}$ S 28 BT.								
	Continue over nearly level land, thru. scattering timber and undergrowth.								
53.00	Ascend slightly over SE. slope, to Leave nearly level, and enter rolling land.								
58.00	Ascend 25 ft., over SE. slope.								
59.75	Descend 8 ft., over W. slope. Wash, 20 lks. wide, course S.								
73.26	Ascend 30 ft., over SE. slope, to								
77.10	Descend 14 ft., over S. slope, to Low spur, slopes SW.								
79.76	Descend 21 ft., over NW. slope, to The cor. of secs. 20, 21, 28 and 29. Land, nearly level and rolling. Soil, gravelly and rocky, 3rd and 4th rate. Timber, palo verde, mesquite, and ironwood. Undergrowth, catclaw, ocotillo, yucca and cactus.								

	N. $0^{\circ}2'$ W., bet. secs. 20 and 21. Over rolling land, thru. scattering timber and under- growth.								
4.70	Descend 23 ft., over NW. slope. Wash, 50 lks. wide, course SW. Leave rolling and enter mountainous land (Tortillita mountains).								

46 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.

25.00 Ascend 140 ft., over SE. slope.
Point of spur, slopes E.
32.80 Descend 77 ft., over NE. slope.
Wash, course SE.
40.00 Ascend 28 ft., over S. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground to bed rock, and raise a mound of stone
around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

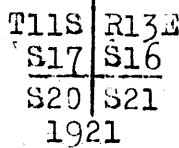


from which,

A mesquite, 3 ins. in diam., brs. N. 10° E., 25
lks. dist., marked BT.

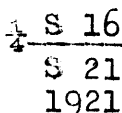
A mesquite, 8 ins. in diam., brs. S. 5½° W., 17
lks. dist., marked $\frac{1}{4}$ S 29 BT.

51.00 Ascend 160 ft., over S. slope.
Spur, slopes E.
Descend 45 ft., over N. slope.
56.65 Ascend 13 ft., over SE. slope.
57.60 Descend 40 ft., over NE. slope.
58.60 From this point Copper prospect hole brs. W. about 3 chs.
dist.
62.45 Head of draw, course A. Asc. 235 ft. over SE. slope.
73.43 Ridge, brs. NE. and SW.
Descend 82 ft., over NW. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in
the ground to bed rock, and raise a mound of stone
around post, for cor. of secs. 16, 17, 20 and 21, marked
on brass cap,



No bearing trees available. Raise a mound of stone, 2½
ft. base, 1½ ft. high, W. of cor.
Land, S. 5 chs. rolling; remainder, mountainous.
Soil, rocky, 4th rate, granite formation.
Timber, palo verde, mesquite and ironwood.
Undergrowth, cactus, catclaw, caotillo and greasewood.

40.00 N. 89° 57' E., on a random line, bet. secs. 16 and 21.
Set temp. $\frac{1}{4}$ sec. cor.
79.68 Intersect the cor. of secs. 15, 16, 21 and 22.
Thence,
S. 89° 57' W., on a true line, bet. secs. 16 and 21.
Over rolling land, thru. scattering timber and dense under-
growth.
2.00 Descend 5 ft., over NW. slope.
Ascend 18 ft., over NE. slope.
6.70 Descend 8 ft., over NW. slope.
8.40 Wash, 30 lks. wide, course S 30° W.
39.84 Ascend 125 ft., over rolling SE. 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 $\frac{1}{4}$ sec. cor., marked on brass cap,



No bearing trees available.

ECOR 6000

Survey of Subdivision lines of Township 11 South Range 13 East. 47

Chains.

41.40 Leave rolling, and enter mountainous land (Tortillita Mountains).

Ascend 360 ft., over rocky SE.slope.

67.70 Ridge, brs.NE. and SW.

Descend 195 ft., over NW.slope, to

79.68 The cor.of secs.16,17,20 and 21.

Land, rolling and mountainous.

Soil, rocky, 4th rate.

Timber, mesquite, palo verde and ironwood.

Undergrowth, cactus, catclaw, ocotillo and scrub oak.

N.0°2'W., bet. secs. 16 and 17.

Over mountainous land (Tortillita mountains) thru. scattering timber and undergrowth.

Descend 12 ft., over NW.slope.

1.20 Wash, 20 lks.wide, course SW.

Ascend 125 ft.

9.00 Spur, slopes SE.

Descend 30 ft.

21.00 Wash, 20 lks.wide, course SE.

Ascend 205 ft.

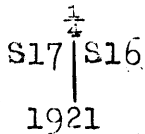
29.00 Spur, slopes SE.

40.00 Top of hill in ridge, bearing NE. and SW. Set an iron

post, 3 ft. long, 1 in. in diam., 12 ins. in the

ground to bed rock, and raise a mound of stone around

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

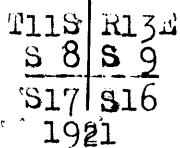


No bearing trees available. Raise mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W.of cor.

54.30 Descend 75 ft., over N. and NW.slopes, Center of wash, 100 lks.wide, course SW.

Ascend 120 ft., over S. and SE.slopes, to

80.00 Set an iron post, 3 ft.long, 2 ins. in diam., on surface rock, and raise a mound of stone around post, for cor. of secs.8,9,16 and 17, marked on brass cap,



from which,

A giant cactus, 14 ins. in diam., brs.N.20°E., 79 lks.dist., marked cross(x) BT.

A giant cactus, (five prong) brs.S.84°E., 52 lks.dist., marked cross (x)BT.

A palo verde, 3 ins. in diam., brs.S.5°W., 37 lks.dist., marked BT.

A giant cactus (two prong) brs.N.58 $\frac{1}{2}$ °W., 47 lks.dist., marked cross (x) BT.

Land, mountainous.

Soil, rocky, granite formation, 4th rate.

Timber, mesquite, palo verde, and ironwood.

Undergrowth, catclaw, ocotillo, cactus, and scrub oak.

40.00 N.89°57'E., on a random line, bet. secs.9 and 16. Set temp. $\frac{1}{4}$ sec.cor.

79.74 Intersect the cor.of secs.9,10,15 and 16. Thence,

S.89°57'W., on a true line, bet. secs.9 and 16.

Over mountainous land (Tortillita mountains) thru. scattering timber and undergrowth.

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Chains.

- 2.60 Descend 37 ft.
Gulch, course NE. near head.
Ascend 255 ft., over SE. slope.
- 14.25 Spur, slopes S.
Descend 155 ft., over SW. slope.
- 23.60 Wash, 10 lks. wide, in gulch, course SE.
Ascend 95 ft., over E. slope.
- 32.75 Ridge, brs. N. 10° E. and S. 10° W.
Descend 75 ft., over W. slope, to
- 39.87 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

$$\text{S } 16$$

1921

from which,

- A mesquite, 6 ins. in diam., brs. N. 30 $\frac{1}{2}$ ° E.,
60 lks. dist., marked $\frac{1}{4}$ S 9 BT.
- A mesquite, 8 ins. in diam., brs. S. 69 $\frac{1}{2}$ ° E.,
84 lks. dist., marked $\frac{1}{4}$ S 16 BT.
- 55.75 Descend 47 ft., over W. slope.
Wash, course S. 20° W.
Ascend 20 ft., over E. slope.
- 59.75 Ridge, brs. N. and S.
Descend 20 ft., over W. slope.
- 66.25 Wash, 50 lks. wide, course S.
Ascend 70 ft., over SE. slope, to
- 79.74 The cor. of secs. 8, 9, 16 and 17.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, mesquite, palo verde and ironwood.
Undergrowth, catclaw, scrub oak, cactus, and ocotillo.

- N. 0° 2' W., bet. secs. 8 and 9.
Over mountainous land (Tortillita Mountains) thru. scat-
tering timber and undergrowth.
- 22.00 Ascend 425 ft., over SE. slope.
Ridge, brs. N. 10° E. and S. 10° W.
- 28.63 Ascend 72 ft., over W. slope, to
Same ridge, brs. N. and S. 10° E.
- 40.00 Descend 152 ft., along top of this ridge, to
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\frac{1}{4} \text{ S } 8 \text{ S } 9$$

1921

from which,

- A mesquite, 12 ins. in diam., brs. S. 19° E., 300
lks. dist., marked $\frac{1}{4}$ S 9 BT.
- A catclaw, 6 ins. in diam., brs. S. 78° W., 28
lks. dist., marked $\frac{1}{4}$ S 8 BT.
- 42.00 Ascend 15 ft., along top of ridge, to
Leave top of ridge, brs. NE. and S.
- 50.00 Descend 145 ft., over NW. slope.
Gulch, course W. near head.
- 67.30 Ascend 117 ft., over SW. slope.
Spur, slopes W.
- 70.10 Descend 70 ft., over N. slope.
Wash, 20 lks. wide, in gulch, course W. from NE.
- 78.65 Ascend 275 ft., over S. slope.
Spur, slopes SW.
- 80.00 Descend 10 ft., over NW. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., on surface
rock, deposit a stone, marked with a cross (x) at base

Survey of Subdivision lines of Township 11 South, Range 13 East, 49

Chains.

of post, and raise a mound of stone around post, for cor. of secs. 4, 5, 8 and 9, marked on brass cap,

T11S	R13E
S 5	S 4
S 8	S 9
1921	

No bearing trees available.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, palo verde, mesquite and ironwood.
 Undergrowth, catclaw, scrub oak, cactus and ocotillo.

- 40.00 N. 89°57'E., on a random line, bet. secs. 4 and 9.
- 79.78 Set temp. $\frac{1}{4}$ sec. cor.
- Intersect N. and S. line, 5 lks. S. of the cor. of secs. 3, 4, 9 and 10. Thence,
- S. 89°55'W., on a true line, bet. secs. 4 and 9.
- Over mountainous land (Tortillita Mountains) thru scattering timber and dense undergrowth.
- Ascend 287 ft., over E. slope.
- 13.60 Ridge, brs. NW. and SE.
- 25.80 Descend 132 ft., over SW. slope.
- Wash, 30 lks. wide, in gulch, course SE.
- 39.89 Ascend 400 ft., over NE. slope, to
- Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 4
S 9
1921

- 43.20 No bearing trees available.
- Ascend, 100 ft., over NE. slope.
- Ridge, brs. NW. and SE.
- 54.80 Descend 112 ft., over SW. slope.
- Head of gulch, course SE.
- 57.40 Ascend 190 ft., over E. slope.
- Ridge, brs. N. and S.
- 73.20 Descend 300 ft., over SW. slope.
- Head of gulch, course S.
- 77.90 Ascend 65 ft., over SE. slope.
- Spur, slopes SW.
- 79.78 Descend 62 ft., over NW. slope, to
- The cor. of secs. 4, 5, 8 and 9.
- Land, mountainous.
- Soil, rocky, granite formation, 4th rate.
- Timber, mesquite, palo verde and ironwood.
- Undergrowth, catclaw, scrub oak, ocotillo and cactus.

- 16.06 N. 0°2'W., on a true line, bet. secs. 4 and 5.
- Over mountainous land (Tortillita Mountains) thru scattering timber and dense undergrowth.
- Descend 120 ft., over NW. slope.
- 32.30 Wash, 25 lks. course SW. near head.
- Ascend 210 ft., over S. and SW. slopes.
- Ridge, brs. NW. and SE.
- 40.00 Descend 115 ft., over NE. slope, to
- Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

50 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S\ 5\ | \ S\ 4 \\ \downarrow \\ 1921 \end{array}$$

- No bearing trees available. Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Descend 330 ft., over NE. slope.
 70.59 Old road, brs. NW. and SE.
 72.60 Wash, 40 lks. wide, course SE.
 Ascend 300 ft., over SW. slope, to
 82.70 Intersect N. bdy. of Tp. (2nd Standard Parallel South) at a point, 20.00 chs. E. from the std. cor. of secs. 31 and 32, T. 10 S., R. 13 E., reestablished in 1913 by J.B. Wright, U.S.S., 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 mound of stone, N. of cor.
 No bearing trees.
 Make retracement of W. $\frac{1}{2}$ of S. bdy. of sec. 32, T. 10 S., R. 13 E. for alignment only, and find the bearing of the Parallel to be West, as per record.
 At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 4 and 5, marked on brass cap,

$$\begin{array}{c} T10S\ R13E \\ \hline S32 \\ \hline S\ 5\ | \ S\ 4 \\ \hline C\ | \ C \\ T11S \\ 1921 \end{array}$$

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Land, mountainous.
 Soil, rocky, granite formation, 4th rate.
 Timber, mesquite, palo verde, ironwood.
 Undergrowth, cactus, Spanish dagger, yucca, catclaw, and scrub oak.

- p-----
 From the cor. of secs. 31 and 32, on the S. bdy. of Tp., hereinbefore described,
 N. $0^{\circ}3'W.$, bet. secs. 31 and 32.
 Over gently rolling land, thru. heavy timber and dense undergrowth.
 Ascend gradually over SW. slope.
 30.00 Wash, 70 lks. wide, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S31\ | \ S32 \\ \downarrow \\ 1921 \end{array}$$

- from which,
 A palo verde, 5 ins. in diam., brs. N. $77\frac{1}{2}^{\circ}E.$, 84 lks. dist., marked $\frac{1}{4}$ S 32 BT.
 A palo verde, 10 ins. in diam., brs. S. $5\frac{1}{4}^{\circ}W.$, 74 lks. dist., marked $\frac{1}{4}$ S 31 BT.
 41.70 Wash, 20 lks. wide, course SW.
 54.70 Road, brs. NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap,

Survey of Subdivision lines of Township 11 South Range 13 East 51

Chains.

T11S	R13E
S30	S29
S31	S32
1921	

from which,
 A mesquite, 3 ins. in diam., brs. N. 84 $\frac{1}{2}$ ° E., 68
 lks. dist., marked BT.
 A mesquite, 3 ins. in diam., brs. S. 50° E., 116
 lks. dist., marked BT.
 A mesquite, 3 ins. in diam., brs. S. 23° W., 45
 lks. dist., marked BT.
 A mesquite, 14 ins. in diam., brs. N. 17 $\frac{1}{2}$ ° W., 75
 lks. dist., marked T11S R13E S30 BT.

Land, gently rolling.
 Soil, sandy, 2nd and 3rd rate.
 Timber, palo verde, mesquite, and ironwood.
 Undergrowth, cactus, catclaw, greasewood, black brush
 and ocotillo.

40.00 East, on a random line, bet. secs. 29 and 32.
 80.30 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 42 lks. S. of the cor. of secs.
 28, 29, 32 and 33.

Thence,
 S. 89° 42' W., on a true line, bet. secs. 29 and 32.
 Over nearly level land, sloping slightly to the SW.,
 thru. heavy timber and dense undergrowth.
 17.30 Wash, 50 lks. wide, course SW. Leave nearly level, and enter
 gently rolling land, sloping SW.
 40.15 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 29
S 32
1921

from which,
 A mesquite, 6 ins. in diam., brs. N. 84 $\frac{1}{2}$ ° W., 112
 lks. dist., marked $\frac{1}{4}$ S 29 BT.
 A mesquite, 10 ins. in diam., brs. S. 79 $\frac{1}{2}$ ° W., 103
 lks. dist., marked $\frac{1}{4}$ S 32 BT.

57.00 Road, brs. NE. and SW.
 80.30 The cor. of secs. 29, 30, 31 and 32.
 Land, nearly level and gently rolling.
 Soil, sandy, 2nd and 3rd rate.
 Timber, palo verde, mesquite, and ironwood.
 Undergrowth, catclaw, cactus, ocotillo and black brush.

40.00 S. 89° 53' W., on a random line, bet. secs. 30 and 31.
 78.34 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 12 lks. N. of the reestablished cor. of secs. 30 and 31,
 on the W. bdy. of Tp., hereinbefore described.

Thence,
 N. 89° 48' E., on a true line, bet. secs. 30 and 31.
 Over gently rolling land, thru. heavy timber and dense
 undergrowth.
 Ascend gradually over SW. slope.

7.85 Road, brs. NE and SW.
 38.34 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 30
S 31
1921

from which,

52 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.	<p>A mesquite, 8 ins. in diam., brs. N. 32$\frac{1}{2}$° E., 80 lks. dist., marked $\frac{1}{4}$S 30 BT.</p> <p>A mesquite, 10 ins. in diam., brs. S. 65$\frac{1}{2}$° E., 92 lks. dist., marked $\frac{1}{4}$S 31 BT.</p> <p>Descend gradually over SE. slope.</p> <p>52.35 Wash, course S. 20° E.</p> <p>Descend slightly over S. slope.</p> <p>57.85 Road, brs. N. and S.</p> <p>72.85 Wash, 20 lks. wide, course S.</p> <p>Ascend gradually over SW. slope to sec. cor.</p> <p>75.35 Wash, 50 lks. wide, course SW.</p> <p>77.85 Wash, 30 lks. wide, course S. 70° W.</p> <p>78.34 The cor. of secs. 29, 30, 31 and 32.</p> <p>Land, gently rolling.</p> <p>Soil, sandy, 2nd and 3rd rate.</p> <p>Timber, mesquite, palo verde and ironwood.</p> <p>Undergrowth, cactus, catclaw, ocotillo and greasewood.</p>
	<p>-----</p> <p>N. 0° 3' W., bet. secs. 29 and 30.</p> <p>Over gently rolling land, thru. heavy timber and dense undergrowth.</p> <p>Ascend gradually over SW. slope to $\frac{1}{4}$ sec. cor.</p> <p>0.50 Wash, 30 lks. wide, course SW.</p> <p>3.00 Wash, course SW.</p> <p>6.00 Road, brs. NW. and SE.</p> <p>8.30 Wash, course S. 50° W.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, tamped rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,</p> <p style="text-align: center;"> $\frac{1}{4}$ S30 S29 1921 </p> <p>from which,</p> <p>A mesquite, 8 ins. in diam., brs. S. 7° 40' E., 95 lks. dist., marked $\frac{1}{4}$S 29 BT.</p> <p>A mesquite, 8 ins. in diam., brs. S. 5$\frac{1}{2}$° W., 135 lks. dist., marked $\frac{1}{4}$S 30 BT.</p> <p>Leave gently rolling, and enter mountainous land (Tortillita Mountains.)</p> <p>Ascend 160 ft., over S. slope.</p> <p>51.00 Ridge, brs. E. and W.</p> <p>Descend 160 ft., over N. and NW. slopes.</p> <p>73.69 Center of wash, 2 chs. wide, course SW.</p> <p>Ascend 46 ft., over SE. slope, to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post for cor. of secs. 19, 20, 29 and 30, marked on brass cap,</p> <p style="text-align: center;"> T11S R13E S19 S20 S30 S29 1921 </p> <p>from which,</p> <p>A mesquite, 6 ins. in diam., brs. N. 48° W., 20 lks. dist., marked T11S R13E S19 BT.</p> <p>No other bearing trees available.</p> <p>Land, S. $\frac{1}{2}$ gently rolling; N. $\frac{1}{2}$, mountainous.</p> <p>Soil, rocky, granite formation; 3rd and 4th rate.</p> <p>Timber, palo verde, mesquite and ironwood.</p> <p>Undergrowth, catclaw, cactus, ocotillo and greasewood.</p>
	<p>-----</p> <p>N. 89° 42' E., on a random line, bet. secs. 20 and 29.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p>

Survey of Subdivision lines of Township 11 South, Range 13 East. 53

Chains.

80.32 Intersect N. and S. line, 5 lks.N.of the cor.of secs.20, 21,28 and 29.
 Thence,
 S.89°44'W., on a true line, bet.secs. 20 and 29.
 Over rolling land, thru. scattering timber and dense undergrowth.
 Descend 25 ft., over W.slope.
 5.00 Wash,40 lks.wide, course SW.
 Ascend 19 ft., over E.slope.
 17.80 Spur,slopes S.
 Descend 20 ft., over W.slope.
 30.15 Wash,20 lks.wide, course S. Leave rolling, and enter mountainous land (Tortillita Mountains).
 Ascend 256 ft., over E.slope.
 38.80 Top of butte.
 Descend 13 ft., over W.slope, to
 40.16 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 29
 S 29
 1921

No bearing trees available. Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.high, N.of cor.
 Descend 235 ft., over W.slope.
 57.70 Wash,10 lks.wide, course SW.
 Ascend 40 ft., over SE.slope.
 68.30 Point of spur,slopes SW.
 Descend 57 ft., over SW.slope.
 77.30 Wash,30 lks.wide, 8 ft. deep, course S.30°W.
 Ascend 45 ft., over SE.slope, to
 80.32 The cor.of secs.19,20,29 and 30.
 Land, rolling and mountainous.
 Soil,rocky, grahite formation, 4th rate.
 Timber, palo verde, mesquite and ironwood.
 Undergrowth, catclaw, greasewood, cactus and black brush.

S.89°48'W., on a random line, bet. secs. 19 and 30.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 78.53 Fall 2 lks.N.of the reestablished cor.of secs.19 and 30, on the W. bdy.of the Tp., hereinbefore described.
 Thence,
 N.89°47'E., on a true line, bet.secs.19 and 30.
 Over mountainous land (Tortillita Mountains) thru. scattering timber and dense undergrowth.
 Ascend 63 ft., over SW.slope.
 5.55 Descend 35 ft., over SE.slope.
 10.55 Head of wash, course SW.
 Ascend 102 ft., over W.slope.
 15.55 Spur,slopes S.
 Descend 80 ft., over E.slope.
 20.55 Center of wash,100 lks.wide, course S. Leave mountainous, and enter gently rolling land, in small valley.
 Descend slightly over S.slope.
 30.55 Road brs.N.and S.
 35.75 Center of wash, 1.50 chs. wide, course S. Leave gently rolling, and enter mountainous land.
 Ascend 15 ft., over W.slope, to
 38.53 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 19
 S 30
 1921

from which,

54 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.													
	<p>A mesquite, 10 ins. in diam., brs. N. 60° E., 34 lks. dist., marked $\frac{1}{4}$S 19 BT.</p> <p>A palo verde, 7 ins. in diam., brs. S. 46° W., 62 lks. dist., marked $\frac{1}{4}$S 30 BT.</p> <p>Ascend 160 ft., over W. slope.</p>												
48.80	<p>Spur, slopes S.</p> <p>Descend 165 ft., over SE. slope.</p>												
65.65	<p>Wash, course SW.</p> <p>Ascend 62 ft., over W. slope.</p>												
77.55	<p>Point of spur, slopes S.</p> <p>Descend 23 ft., over SE. slope, to</p>												
78.53	<p>The cor. of secs. 19, 20, 29 and 30.</p> <p>Land, mountainous and gently rolling.</p> <p>Soil, rocky, granite formation, 4th rate.</p> <p>Timber, mesquite, palo verde and ironwood.</p> <p>Undergrowth, cactus, scrub oak, catclaw and ocotillo.</p>												

	<p>N. 0° 3' W., bet. secs. 19 and 20.</p> <p>Over mountainous land (Tortillita Mountains) thru scattering timber and dense undergrowth.</p> <p>Ascend 460 ft., over SE. slope.</p>												
36.56	<p>Ridge, brs. NE. and SW.</p> <p>Descend 30 ft., over NW. slope, to</p>												
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,</p>												
	<table border="0"> <tr> <td></td> <td style="text-align: center;">$\frac{1}{4}$</td> <td></td> </tr> <tr> <td style="text-align: center;">S19</td> <td style="text-align: center;"> </td> <td style="text-align: center;">S20</td> </tr> <tr> <td></td> <td style="text-align: center;">1921</td> <td></td> </tr> </table>		$\frac{1}{4}$		S19		S20		1921				
	$\frac{1}{4}$												
S19		S20											
	1921												
	<p>Raise a mound of stone, 2$\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.</p> <p>Descend 108 ft., over NW. slope.</p>												
48.00	<p>Draw, course W., near head.</p> <p>Ascend 50 ft., over SW. slope.</p>												
57.30	<p>Point of spur, slopes W.</p> <p>Descend 18 ft., over NW. slope, to</p>												
62.80	<p>Wash, 30 lks. wide, course SW. Thence along E. slope.</p> <p>Ascend 20 ft., to</p>												
72.30	<p>Same wash, course SE.</p> <p>Ascend 115 ft., over S. slope.</p>												
77.40	<p>Point of spur, slopes SW.</p> <p>Descend 15 ft., over W. slope, to</p>												
80.00	<p>Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap,</p>												
	<table border="0"> <tr> <td style="text-align: center;">T11S</td> <td style="text-align: center;"> </td> <td style="text-align: center;">R13E</td> </tr> <tr> <td style="text-align: center;">S18</td> <td style="text-align: center;"> </td> <td style="text-align: center;">S17</td> </tr> <tr> <td style="text-align: center;">S19</td> <td style="text-align: center;"> </td> <td style="text-align: center;">S20</td> </tr> <tr> <td></td> <td style="text-align: center;">1921</td> <td></td> </tr> </table>	T11S		R13E	S18		S17	S19		S20		1921	
T11S		R13E											
S18		S17											
S19		S20											
	1921												
	<p>from which,</p> <p>A palo verde, 4 ins. in diam., brs. N. 76° E., 62 lks. dist., marked BT.</p> <p>A giant cactus brs. S. 55$\frac{1}{2}$° E., 81 lks. dist., marked cross (x).</p> <p>A palo verde, 4 ins. in diam., brs. S. 73° W., 104 lks. dist., marked BT.</p> <p>A palo verde, 3 ins. in diam., brs. N. 69° W., 39 lks. dist., marked BT.</p> <p>Land, mountainous.</p> <p>Soil, rocky, 4th rate.</p> <p>Timber, mesquite, palo verde.</p> <p>Undergrowth, catclaw, ocotillo, scrub oak and cactus.</p>												

Survey of Subdivision lines of Township 11 South, Range 13 East. 55

Chains.	
	N.89°44'E., on a random line, bet. secs.17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.30	Intersect N. and S. line, 2 lks.S.of the cor.of secs.16, 17, 20 and 21.
	Thence,
	S.89°43'W., on a true line, bet.secs.17 and 20.
	Over mountainous land (Tortillita Mountains) thru. scattering timber and dense undergrowth,
	Descend 15 ft., over NW.slope.
2.30	Wash, 30 lks.wide, course SW.
	Ascend 20 ft., over SE.slope.
8.70	Point of spur, slopes S.
	Descend 15 ft., over SW.slope.
14.35	Wash, 20 lks.wide, course S.
	Ascend 265 ft., over E.slope.
22.30	Spur, slopes S. from NW.
	Descend 450 ft., over SW.slope, to
40.15	Set an iron post, 3 ft.long, 1 in. in diam., on surface rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$\frac{1}{4}$ S 17
	S 20
	1921
	No bearing trees available.
	Descend 20 ft., over SW.slope.
43.80	Wash, 20 lks. wide, course S.
	Ascend 200 ft., over E.slope.
52.00	Spur, slopes S.
	Descend 20 ft., over W.slope.
57.30	Wash, course S.
	Ascend 110 ft. over E.slope.
72.30	Ridge, brs.N. and S.
	Descend 65 ft., over W. slope, to
80.30	The cor. of secs. 17, 18, 19 and 20.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, palo verde and mesquite.
	Undergrowth, scrub oak, catclaw, ocotillo, yucca and cactus.

	S.89° 47' W., on a random line, bet. secs.18 and 19.
40.00	Set tempo. $\frac{1}{4}$ sec.cor.
78.42	Fall 5 lks.S. of the cor.of secs.18 and 19, on W. bdy.of Tp., hereinbefore described.
	Thence,
	N.89°49'E., on a true line, bet. secs. 18 and 19.
	Over mountainous land (Tortillita Mountains) thru. scattering timber and dense undergrowth.
	Ascend 40 ft. over S.slope, to
8.33	Ascend 681 ft., over SW.slope.
38.30	Top of bluff, brs.N. and S. facing E.
	Descend 120 ft. to witness cor.
38.42	The true point for $\frac{1}{4}$ sec.cor. falls on face of bluff, where it is impracticable to set monument; therefore, at
39.42	Foot of bluff, brs.N. and S. Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, and raise a mound of stone around post, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap,
	WC $\frac{1}{4}$ S 18
	S 19
	1921
	No bearing trees available. Mark a cross(x) on a granite boulder 6x6x4 ft. above ground, W.of post, 4 ft. dist.
	Descend 235 ft., over S.slope.

56 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.

48.04 Ascend 15 ft., over SW.slope.
 56.00 Spur, slopes S.
 Descend 307ft., over NE.slope.
 73.15 Wash, course SE.
 Ascend 50 ft., over SW.slope, to
 78.42 The cor.of secs.17,18,19 and 20.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, palo verde and mesquite.
 Undergrowth, scrub oak, catclaw, ocotillo, yucca and cactus.

N.0°3'W., bet. secs.17 and 18.
 Over mountainous land (Tortillita Mountains) thru. scattering
 timber and dense undergrowth.

Ascend 350 ft., over SW. slope.
 11.75 Thence along W. slope.
 Ascend 20 ft.
 22.55 Descend 12 ft.
 27.50 Ascend 40 ft., to
 32.50 Ascend 170 ft., over SE.slope.
 38.33 Ridge brs.NE. and SW.
 Ascend 21 ft., over W.slope, to
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., on surface
 rock, deposit a stone, marked with a cross(x) at base
 of post, and raise a mound of stone around post, for $\frac{1}{4}$
 sec.cor., marked on brass cap,

$\frac{1}{4}$
 S18 | S17
 1921

No bearing trees available.
 68.30 Descend 510 ft., over NW.slope, to
 Wash, 70 lks.wide, course SW.
 Ascend 65 ft., over S.slope, to
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 26 ins. in
 the ground, for cor.of secs.7,8,17 and 18, marked on
 brass cap,

T11S | R13E
 S 7 | S 8
 S18 | S17
 1921

from which,

- A mesquite, 10 ins. in diam., brs.N.13 $\frac{1}{2}$ °E., 94
lks.dist., marked T11S R13E S8 BT.
- A mesquite, 10 ins. in diam., brs.S.17°E., 307
lks.dist., marked T11S R13E S17 BT.
- A mesquite, 9 ins.in diam., brs.S.44 $\frac{1}{2}$ °W., 160
lks.dist., marked T11S R13E S18 BT.
- A mesquite, 10 ins. in diam., brs.N.57°W., 180
lks.dist., marked T11S R13E S7 BT.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, palo verde, ironwood and mesquite.
 Undergrowth, yucca, scrub oak, catclaw, ocotillo and cactus.

N.89°43'E., on a random line, bet. secs.8 and 17.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.22 Intersect the cor.of secs.8,9,16 and 17.
 Thence,
 S.89°43'W., on a true line, bet. secs.8 and 17.
 Over mountainous land (Tortillita Mountains) thru. scat-
 tering timber and dense undergrowth.

Survey of Subdivision lines of Township 11 South, Range 13 East. 57

Chains.	
15.20	Ascend 215 ft., over SE. slope. Ridge, brs. NE. and SW.
27.75	Descend 235 ft., over NW. slope. Draw, course N. near head.
39.20	Ascend 210 ft., over NE. slope. Spur, slopes N.
40.11	Descend 15 ft., over NW. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S 8 S 17 1921
62.75	No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Descend 380 ft., over NW. slope. Wash, 70 lks. wide, course S. 20° W.
79.00	Ascend 42 ft., over SE. slope. Descend gradually over S. slope, to
80.22	The cor. of secs. 7, 8, 17 and 18. Land, mountainous. Soil, rocky, 4th rate. Timber, palo verde, ironwood, oak and mesquite. Undergrowth, scrub oak, catclaw, ocotillo and cactus.
40.00	S. 89° 49' W., on a random line, bet. secs. 7 and 18. Set temp. $\frac{1}{4}$ sec. cor.
78.38	Fall 2 lks. S. of the cor. of secs. 7 and 18, on the W. bdy. of Tp., hereinbefore described. Thence, N. 89° 50' E., on a true line, bet. secs. 7 and 18. Over mountainous land (Tortillita Mountains) thru. scat- tering timber and dense undergrowth.
2.50	Descend 12 ft., over SE. slope. Ascend 30 ft. over SW. slope.
8.45	Spur, slopes SE. Descend 120 ft., over E. slope.
14.40	Descend 280 ft., over SE. slope.
33.90	Descend 150 ft., over E. slope, to
38.38	Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S 7 S 18 1921
53.55	No bearing trees available. Descend 215 ft., over E. slope. Wash, course S.
56.10	Ascend 42 ft., over SW. slope. Point of spur, slopes S.
60.10	Descend 25 ft. over SE. slope. Center of wash, 100 lks. wide, course SW.
67.70	Ascend 164 ft., over NW. slope. Spur, slopes SW.
76.90	Descend 95 ft., over SE. slope. Wash, 20 lks. wide, course S.
78.38	Ascend 7 ft., over SW. slope, to The cor. of secs. 7, 8, 17 and 18. Land, mountainous. Soil, rocky, 4th rate. Timber, mesquite, palo verde. Undergrowth, scrub oak, catclaw, ocotillo and cactus.

58 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.

N.0°3'W., bet. secs. 7 and 8.

Over mountainous land (Tortillita Mountains) thru scattering timber and undergrowth.

Ascend 85 ft., over SW. and S. slopes.

18.00 Ridge, brs. NE. and SW.

Descend 50 ft., over NW. slope.

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

Ascend 245 ft., over S. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\begin{array}{c} \frac{1}{4} \\ \hline S\ 7\ | \ S\ 8 \end{array}$$

1921

No bearing trees available.

Ascend 150 ft. over S. slope.

48.50 Spur, slopes SE.

Descend 57 ft., over NE. slope.

53.66 Draw, course E. from NW.

Ascend 255 ft., over SE. slope.

71.69 Ridge, brs. NE. and SW.

Descend 100 ft., over NW. slope, to

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, marked on brass cap,

$$\begin{array}{c} T11S\ | \ R13E \\ \hline S\ 6\ | \ S\ 5 \\ \hline S\ 7\ | \ S\ 8 \end{array}$$

1921

No bearing trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, mountainous.

Soil, rocky, 4th rate.

Timber, mesquite, and palo verde.

Undergrowth, greasewood, cactus, catclaw and yucca.

N.89°43'E., on a random line, bet. secs. 5 and 8.

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

79.96 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence,

S.89°40'W., on a true line, bet. secs. 5 and 8.

Over mountainous land (Tortillita Mountains) thru scattering timber and dense undergrowth.

Descend 270 ft., over NW. slope.

9.15 Wash, 40 lks. wide, course SW.

Ascend 47 ft., over SE. slope.

11.30 Point of spur, slopes S.

Descend 100 ft., over SW. slope.

23.85 Wash, course SE.

Ascend 342 ft., over E. slope, to

39.98 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\begin{array}{c} \frac{1}{4} \ S\ 5 \\ \hline S\ 8 \end{array}$$

1921

No bearing trees available.

Ascend 33 ft., over E. slope.

Survey of Subdivision lines of Township 11 South, Range 13 East. 59

Chains.

- 49.95 Ridge, brs. N. and S.
Descend 242 ft., over W. slope.
- 49.70 Wash, 20 lks. wide, course N. 30° W. near head.
Ascend 210 ft., over E. slope.
- 66.45 Spur, slopes NE.
Descend 225 ft., over NW. slope, to
- 79.96 The cor. of secs. 5, 6, 7 and 8.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, palo verde, and mesquite.
Undergrowth, catclaw, cactus, scrub oak, ocotillo.
Good grass.
-
- S. 89° 50' W., on a random line, bet. secs. 6 and 7.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 78.38 Fall 9 lks. S. of the cor. of secs. 6 and 7, on W. bdy. of Td.,
hereinbefore described.
- Thence,
N. 89° 54' E., on a true line, bet. secs. 6 and 7.
Over mountainous land (Tortillita Mountains) thru. scattering timber and dense undergrowth.
Ascend 20 ft., over NW. slope.
- 1.00 Spur, slopes N.
Descend 95 ft., over NE. slope.
- 11.10 Draw, course NW.
Ascend 185 ft., over NW. slope.
- 19.65 Ridge, brs. NE. and SW.
Descend 100 ft., over SE. slope, to
- 38.38 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, to bed rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 6 \\ S 7 \\ 1921 \end{array}$$

from which,

A palo verde, 8 ins. in diam., brs. N. 8° E., 58
lks. dist., marked $\frac{1}{4}$ S 6 BT.A palo verde, 8 ins. in diam., brs. S. 62 $\frac{1}{2}$ ° W., 68
lks. dist., marked $\frac{1}{4}$ S 7 BT.

- Ascend 157 ft., over SW. slope.
- 52.40 Same ridge, brs. NW and SE.
Descend 100 ft., over NE. slope.
- 72.40 Head of gulch, course NW.
Ascend 127 ft., over NW. slope, to
- 78.38 The cor. of secs. 5, 6, 7 and 8.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, mesquite, palo verde and ironwood.
Undergrowth, scrub oak, catclaw, black brush and cactus.
-
- N. 0° 3' W., on a true line, bet. secs. 5 and 6.
Over mountainous land (Tortillita Mountains) thru. scattering timber and dense undergrowth.
Descend 127 ft., over NW. slope.
- 8.74 Wash, 40 lks. wide, course W., near head.
Ascend 257 ft., over SW. slope.
- 16.70 Spur, slopes NW.
Descend 170 ft., over NE. and E. slopes, to
- 34.50 Same spur, slopes NE.
Descend 90 ft., over NW. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} S 6 \\ S 5 \\ 1921 \end{array}$$

60 Survey of Subdivision lines of Township 11 South, Range 13 East.

Chains.

No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 Descend 67 ft., over NW. slope.
 45.91 Wash, 50 lks. wide, course SW.
 Ascend 35 ft., over SW. slope.
 47.70 Point of spur, slopes W.
 Descend 10 ft., over NW. slope.
 49.43 Wash, 70 lks. wide, course SW.
 Ascend 100 ft., over S. slope.
 58.34 Spur, slopes SE.
 Descend 20 ft., over NE. slope.
 70.00 Wash, 20 lks. wide, course S. 20° E.
 Ascend 220 ft., over SW. slope, to
 83.37 Intersect the N. bdy. of the Tp. (2nd Std. Par. S.), at a point 20.14 chs. East from the std. cor. of Ts. 10 S., Rs. 12 and 13 E., reestablished in 1913 by J. B. Wright, U.S. S., 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 mound of stone, N. of cor.
 No bearing trees.
 Make retracement of the W. $\frac{1}{2}$ of S. bdy. of sec. 31, T. 10 S., R. 13 E. for alignment only, and find the bearing of the Parallel to be west as per record.
 At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for closing cor. of secs. 5 and 6, marked on brass cap,

T10S R13E
 S31

 S 6 | S 5
 T11S R13E
 C | C
 1921

No bearing trees available.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, mesquite, ironwood and palo verde.
 Undergrowth, catclaw, scrub oak, ocotillo and cactus.

The continued satisfactory adjustment of the solar apparatus during the survey of this township is indicated from field tests, as described in Book "D."

GENERAL DESCRIPTION:

This township consist of mountainous, rolling, and level or nearly level land. Secs. 1, 12, 13, 14 and 22, and the south two tiers of sections may be classed as rolling or nearly level land; the remainder of the township is mountainous land, forming the southern extremity of the Tortillita Mountains, which are very rough and rugged. A peak in sec. 4, the highest point in the township attains an elevation of 3100 ft. The general drainage is to the south. The soil is of granite formation, and may be classed for the most part as 3rd and 4th rate. Mesquite, palo verde, and ironwood timber are found in nearly every section, and catclaw, ocotillo, scrub oak and cactus undergrowth is abundant.
 Indications of copper were noted in sec. 20.
 At this time of the year, very few watering places were found in the township. Small seep springs were found in secs. 6, 8, and 13. There is a well of good water

2000 2000

Survey of Subdivision lines of Township 11 South, Range 13 East. 61

in sec. 11, at the Nelson Ranch.
Andres Elias has a homestead in sec.24; Tony Trevan in
sec.27, at which there is a well of good water; Jimenez
in sec.28, and B. Jimenez in sec.21, at which
there is a well of water.

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 117, Arizona,** bearing date of the **31st** day of **May**, 19**21**, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, **resurveyed all those parts or portions of the South Boundary, the East Boundary and the West Boundary, and surveyed all those parts or portions of the West Boundary, and the** **Subdivision Lines of** **TOWNSHIP 11 SOUTH, RANGE 13 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 **resurvey and** said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for **Group 117, 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: AJO, Arizona *William H. Thorn*
 U. S. Cadastral Engineer
 Date: May 19 1924
 APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, May 26, 1924.

The foregoing field notes of the **resurvey of part of the South Boundary, part of the East Boundary, and part of the West Boundary, and of the survey of Part (Completion) of the West Boundary, and all of the Subdivision Lines of**

TOWNSHIP 11 SOUTH, RANGE 13 EAST,

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 **May 31, 1921,** for **Group 117, Arizona,** having been critically examined, and the necessary corrections and explanations made, the said field notes, **resurveys and** the surveys they describe, are hereby approved.

Charles M. Donohoe
 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.