

Book "B"

3796

183

4-679

BOOK 3796

FIELD NOTES

OF THE RESURVEY OF

EAST Boundary and

WEST Boundary of

Township 21 South, Range 12 East

AND OF THE SURVEY OF

SOUTH Boundary

NORTH Boundary and

SUBDIVISION LINES of

Township 21 South, Range 12 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

William B. Kimmel, U.S. Cadastral Engineer

and

Claude F. Warner, U.S. Transitman

In the capacity of U. S. Surveyors, under Special Instructions dated September 24, 1925, issued by the ~~U.S. District Cadastral Engineer~~ to govern surveys included in Group No. 138 Arizona, which were approved by the Commissioner of the General Land Office, October 14, 1925, and Assignment Instructions dated November 2, 1925.

Resurvey and Survey commenced November 16, 1925.

Resurvey and Survey completed December 22, 1925.

3796

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Book "B"

Group 138 - Arizona

BOOK 3796

INDEX DIAGRAM.

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- - - - - Resurveyed under this group.

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

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

Book "B"
 Group 138 Arizona
 Township 21 South, Range 12 East

DATE DIAGRAM

1925

North boundary surveyed on the 4th Standard Parallel South

12-10	12-10	12-10	12-10	12-10	12-10	12-10	12-10
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————— Surveyed by Wm. B. Kimmel, U.S. Cadastral Engineer, on dates shown thereon.

- - - - - Resurveyed by Wm. B. Kimmel, U.S.C.E., on dates shown thereon.

————— Surveyed by Claude F. Warner, U.S. Transitman, on dates shown thereon.

- - - - - Resurveyed by Claude F. Warner, U.S.T., on dates shown thereon.

Resurveys and Surveys herein described were executed on dates shown on diagram on page 1 hereof, by Wm. B. Kimmel, U.S. Cadastral Engineer, using W. & L.E. Gurley transit No. 20120, and Claude F. Warner, U.S. Transitman, using Young & Sons transit No. 82.92, both instruments equipped with full vertical circles and the Smith solar attachment. The horizontal limbs are provided with two double verniers placed opposite to each other reading to 30" of arc on the Gurley and 1' on arc on the Young & Sons. The verniers of the vertical circles and of the solar attachments read to 1' of arc.

Unless otherwise specified all measurements are made with Lufkin steel tapes 5 chains long, compared with a Lufkin Standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined with transit or clinometer, and the slope measurements properly reduced to true horizontal distances. Unless otherwise specified, all azimuth determinations were accomplished with the solar attachment.

For watch time see book "A"

For test of Gurley transit and Polaris observation see book "A"

November 14, 1925: Young and Sons transit, used by Claude F. Warner who examined the adjustments of the transit and corrected all errors; and 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 polar observation Nov. 11, 1925, described in book "A" of this group, proceeded as follows:

At 9h a.m., app.t., set off $31^{\circ} 35\frac{1}{2}'$ N. on the lat. arc; $18^{\circ} 11\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar, which agrees within 1' of the true meridian.

At apparent noon, with the lat. arc unchanged, observe the sun on the meridian, the resulting reading of the disl. arc, is $18^{\circ} 14'$ S., which agrees with the computed decl. of the sun.

At 3h p.m., app.t., with the lat. arc unchanged, set off $18^{\circ} 15\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar, which agrees within 1' of the true meridian.

As all of the solar observations taken during the usual hours of solar work come within 1' of the true meridian, conclude that the adjustment of the instrument is satisfactory.

The instrument was maintained in adjustment throughout the survey.

Resurvey of the East bdy. of T. 21 S., R. 12 E.

chains

The East bdy. of T. 21 S., R. 12 E. was surveyed in 1871 by S.W. Foreman, U.S.D.S., establishing all sec. & 1/4 sec. cors. thereon with a common reference to areas on both sides of the line.

No retracement or resurvey of any part of this Tp. bdy. is of record.

The following notes describe a resurvey of the entire line.

Retracement for Resurvey.

From cor. of Ts. 21 & 22 S., Rs. 12 & 13 E., North, on random line, bet. secs. 31 & 36, and bet. secs. 25 & 30, searching for original cors. at record intervals and setting temp. cors. at such intervals. Fail to find any trace of a cor. until at 159.96 Fall 19 lks. W. of original cor. of secs. 19, 24, 25 & 30. True course & dist. of line bet. secs. 31 & 36, and of line bet. secs. 25 & 30 are therefore, N. 0° 4' E., 79.98 chs.

North, on random line, on W. bdy. of sec. 19 (S. 1/2) 39.53 Fall 10 lks. W. of original 1/4 sec. cor. True course & dist. of S. 1/2 of W. bdy. of sec. 19 are therefore N. 0° 9' E., 39.53 chs.

Thence, North, on random line, on W. bdy. of sec. 19 (N. 1/2) 39.86 Fall 67 lks. E. of original cor. of secs. 13, 18, 19 & 24. True course & dist. of N. 1/2 of W. bdy. of sec. 19 are therefore N. 0° 58' W., 39.86 chs.

North, on random line, on W. bdy. of sec. 18. 40.00 No trace of original 1/4 sec. cor. of secs. 13 & 18 can be found. Set temp. 1/4 sec. cor.

Continue line and measurement. 81.38 Fall 10 lks. E. of original cor. of secs. 7, 12, 13 & 18. True course & dist. of W. bdy. of sec. 18 are therefore N. 0° 4' W., 81.38 chs.

North, on random line, on W. bdy. of sec. 7. 40.00 No trace of original 1/4 sec. cor. of secs. 7 & 12 can be found. Set temp. 1/4 sec. cor.

Continue line and measurement 81.08 Fall 240 lks. W. of original cor. of secs. 1, 6, 7 & 12. True course & dist. of W. bdy. of secs. 7 are therefore N. 1° 42' E., 81.12 chs.

North, on random line, on W. bdy. of sec. 6 (S. 1/2) 40.11 Fall 8 lks. E. of original 1/4 sec. cor. of secs. 1 & 6. True course & dist. of S. 1/2 of W. bdy. of sec. 6 are therefore N. 0° 7' W., 40.11 chs.

Thence, North, on random line, on W. bdy. of sec. 6 (N. 1/2) 40.59 Intersect the cor. of Ts. 21 S., Rs. 12 & 13 E., identical with std. cor. of Ts. 20 S., Rs. 12 & 13 E. on 4th Std. Par. S., described in Book "A" of this group. True course & dist. of N. 1/2 of W. bdy. of sec. 6 are therefore North, 40.59 chs.

RESURVEY.

The original cor. of Ts. 21 & 22 S., Rs. 12 & 13 E. is a weather beaten wood post, 3 ins. square, illegibly marked, projecting 8 ins. above a mound of earth, stone & gravel, in which it is firmly set. No accessories. Reconstruct this cor. monument as follows: remove the post and scatter the mound, and in same

chains place reset old wood post 24 ins. in ground and alongside same, set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in the ground, for cor. of Ts. 21 & 22 S., Rs. 12 & 13 E., marked on brass cap,

T21S
R12E | R13E
S36 | S31
S1 | S6
T22S

1925

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

Thence,
N.0° 4'E., on true line, bet. secs. 31 & 36.
Over rolling land, thru scattering undergrowth.
Asc. 80 ft. over S. slope.

7.00 Spur, slopes E. Desc. 170 ft. over N. slope.
17.50 Foot of descent, brs. E. & W. Thence over level land.
23.20 Wash, 100 lks. wide, course E. Enter rolling land.
Asc. 110 ft. over S. slope to
39.99 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of secs. 31 & 36, marked on brass cap,

$\frac{1}{4}$
S36 | S31
1925

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

Asc. 110 ft. over S. slope.
50.00 Top of ascent, brs. E. & W. Thence over level land.
70.00 Enter rolling land. Desc. 160 ft. over N. slope.
78.00 Wash, 20 lks. wide, course NE. Asc. 20 ft. over SE. slope to
79.98 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in ground to hard pan, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished cor. of secs. 25, 30, 31 & 36, marked on brass cap,

T21S
R12E | R13E
S25 | S30
S36 | S31
1925

Land, rolling & level.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, scrub mesquite & catclaw.

N.0° 4'E., on true line, bet. secs. 25 & 30.
Over rolling land, thru scattering undergrowth.
Asc. 90 ft. over SE. slope.

6.00 Spur, slopes NE. Desc. 65 ft. over N. slope.
11.30 Draw, course NE. Asc. 75 ft. over S. slope.
18.60 Spur, slopes E. Tumacacori Mission brs. nearly East about 60.00 chs. dist. Desc. 145 ft. over N. slope.
26.75 Draw, course NE. Asc. 40 ft. over S. slope.
32.00 Spur, slopes E. Desc. 100 ft. over N. slope.
36.00 Wash, 100 lks. wide, course E. Asc. gradually over S. slope to
39.99 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of secs. 25 & 30, marked on brass cap,

$\frac{1}{4}$
S25 | S30
1925

Resurvey of the East Boundary of T.21 S., R.12 E.

chains Ascend 90 ft. over S. slope, along old fence line.
 50.00 Top of ascent. Thence over level land.
 55.00 Leave level & enter rolling land. Desc. 50 ft. over N. slope.
 61.50 Wash, 30 lks. wide, course E. Asc. 60 ft. over S. slope.
 63.50 Spur, slopes E. Desc. 65 ft. over N. slope.
 74.00 Wash, 100 lks. wide, course E. Asc. 45 ft. over S. slope to
 79.98 intersect original cor. of secs. 19, 24, 25 & 30, which is a
 mound of stone around a fence cor., from which fences
 extend E., N. & S.
 Reconstruct this cor. monument as follows:
 alongside the fence post, set an iron post, 3 ft. long,
 2 ins. in diam., 24 ins. in ground, for cor. of secs. 19, 24,
 25 & 30, marked on brass cap,

T21S	
R12E	R13E
S24	S19
S25	S30

1925

Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.
 Land, rolling and level.
 Soil, rocky and gravelly, 3rd & 4th rate.
 Timber, none.
 Undergrowth, scrub mesquite & catclaw.

4.50 N. 0° 9' E., on true line, on E. bdy. of sec. 24.
 11.50 Over rolling land, thru scattering undergrowth, along old
 39.53 fence line. Asc. 25 ft. over S. slope.
 Spur, slopes E. Desc. 95 ft. over N. slope.
 Wash, 100 lks. wide, course E. Thence over E. slope.
 Intersect original ¼ sec. cor. of secs. 19 & 24, which is a
 wood post, faintly marked on W. face, and loosely set in
 a mound of stone. No accessories.
 Reconstruct this cor. monument and alter same to refer to
 the quarters of sec. 19 only, as follows:
 remove the post and mound of stone, and in same place
 set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in
 ground to hard pan, deposit a stone marked with a cross
 (X) at base of post, and raise a mound of stone around
 post, for ¼ sec. cor. of sec. 19 only, marked on brass cap,

¼ S19

1925

Thence,
 N. 0° 58' W., on true line, continuing measurement of E. bdy.
 of sec. 24
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground
 to hard pan, deposit a stone marked with a cross (X) at
 base of post, and raise a mound of stone around post,
 for reestablished ¼ sec. cor. of sec. 24 only, marked on
 brass cap,

¼ S24

1925

43.00 Deep wash, 30 lks. wide, course E.
 47.50 Old road, bears E. & W.
 53.60 Wash, 30 lks. wide, course E.
 69.15 Wash, 10 lks. wide, course E.
 79.39 Intersect original cor. of secs. 13, 18, 19 & 24, which is a
 mound of stone around a fence cor., from which fences
 extend E. & N., and old fence line extends S.
 Reconstruct this cor. monument and alter same to refer to
 secs. 18 & 19 only as follows:
 remove the mound of stone, and alongside the fence post,
 set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 ground, for cor. of secs. 18 & 19 only, marked on brass

6 Resurvey of the East Boundary of T.21 S., R.12 E.

chains

cap,

T21S	T21S
T21S	S18
R12E	S19
S24	R13E

1925

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

N.0° 4' W., on true line, continuing measurement of E. bdy. of sec. 24.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in ground to hard pan, and raise a mound of stone around post, for reestablished cor. of secs. 13 & 24 only, marked on brass cap,

T21S	T21S
S13	R13E
S24	S18
R12E	

1925

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

Soil, gravelly & rocky, 3rd & 4th rate.

Timber, none.

Undergrowth, scrub mesquite.

N.0° 4' W., on true line, on E. bdy. of sec. 13.

Over rolling land, thru scattering undergrowth, along fence line.

5.25 Wash, 50 lks. wide, course E.

27.75 Wash, 10 lks. wide, course NE.

31.45 Wash, 10 lks. wide, course E.

35.60 Wash, 10 lks. wide, course E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 13 only, marked on brass cap,

$\frac{1}{4}$ S13

1925

40.08 Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 18 only, marked on brass cap

$\frac{1}{4}$ S18

1925

53.65 Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, E. of cor.

Wash, 10 lks. wide, course NE.

57.00 Wash, 10 lks. wide, course NE.

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

T21S	T21S
S12	R13E
S13	S18
R12E	

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. This cor. is under a wire fence bearing N. & S.

Land, rolling.

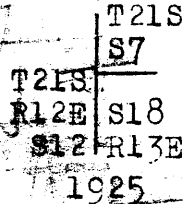
Soil, gravelly, 3rd rate.

Timber, none.

Undergrowth, scrub mesquite & catclaw.

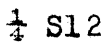
Resurvey of the East Boundary of T.21 S., R.12 E.

chains N.0° 4'W., on true line, on E.bdy. of sec.12.
 0.77 Over rolling land, thru scattering undergrowth, along fence.
 Intersect original cor. of secs. 7, 12, 13 & 18 which is a mound of stone, under wire fence, bearing N. & S.
 Reconstruct this cor. monument and alter same to refer to secs. 7 & 18 only, as follows:
 remove the mound of stone and in center of its position set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in ground to hard pan, 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 & 18 only, marked on brass cap,



Thence, N.1°42'E., on true line, continuing measurement of E.bdy. of sec. 12.

7.50 Wash, 20 lks. wide, course NE.
 20.15 Fence cor. from which fences extend E., N. & S.
 From this point Tubac brs. E. about 50 chs. dist. Continue along fence. Desc. 40 ft. over N. slope.
 21.60 Wash, 30 lks. wide, course E. Thence over E. slope.
 27.00 Wash, 40 lks. wide, course E.
 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in ground to hard pan, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 12 only, marked on brass cap,



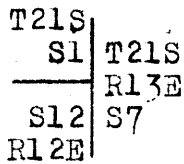
1925

41.33 (Midpoint of W.bdy. of sec. 7) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 7 only, marked on brass cap,



1925

Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, E. of cor.
 54.80 Wash, 10 lks. wide, course E.
 61.20 Wash, 10 lks. wide, course E.
 80.04 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in ground to hard pan, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished cor. of secs. 1 & 12 only, marked on brass cap,

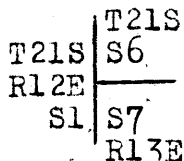


1925

Land, rolling.
 Soil, rocky and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite & catclaw.

1.85 N.1°42'E., on true line, on E.bdy. of sec. 1.
 Over rolling land, thru scattering undergrowth, along fence.
 Intersect original cor. of secs. 1, 6, 7 & 12, which is a mound of stone around a fence cor. post from which fences extend E., W., N. & S.

chains Reconstruct this cor.monument and alter same to refer to secs.6 & 7 only,as follows:
remove the mound of stone,and alongside the fence cor. post,set an iron post,3 ft.long,2 ins.in diam.,26 ins. in ground,for cor.of secs.6 & 7 only,marked on brass cap,



1925

Raise a mound of stone,3 ft.base,1½ ft.high,E.of cor. Thence,
N.0° 7'W.,on true line,continuing measurement of E.bdy. of sec.1

11.60 Wash,10 lks.wide,course NE.

14.00 Wash,10 lks.wide,course E.

25.40 Wash,30 lks.wide,course E.

37.00 Enter very scattering timber.

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.1 only, marked on brass cap,



1925

from which,
a mesquite, 8 ins.diam., brs. N.30½°W.,105 lks.dist., marked ¼ S1 BT.

a mesquite, 5 ins.diam., brs. S.73½°W.,199 lks.dist., marked ¼ S1 BT.

41.96 Intersect original ¼ sec.cor.of secs.1 & 6,which is a mound of stone around a fence cor.post,from which fences extend E.,N. & S.

Reconstruct this cor.monument and alter same to refer to the quarters of sec.6 only,as follows:
remove the mound of stone,and alongside the fence cor. post,set an iron post,3 ft.long,1 in.in diam.,26 ins. in ground,for ¼ sec.cor.of sec.6 only,marked on brass cap,



1925

from which,
a mesquite, 8 ins.diam., brs. N.49½°E.,262 lks.dist., marked ¼ S6 BT

a mesquite, 8 ins.diam., brs. S.17°E.,125 lks.dist., marked ¼ S6 BT.

Thence,
North,on true line,continuing measurement of E.bdy.of sec.1.

43.65 Old road, bears E. & W.

51.30 Wash,30 lks.wide,course E.

60.00 Ascend 50 ft.over SE.slope.

67.00 Low spur,slopes NE. Desc. 90 ft.over N.slope.

82.00 Wash,20 lks.wide,course E.

82.55 Intersect the cor.of Ts.21 S.,Rs.12 & 13 E.,identical with std cor.of Ts.20 S.,Rs.12 & 13 E.,on the 4th Std. Par.S.,described in Book "A" of this group.

Land, rolling.

Soil, gravelly, 3rd rate.

Timber, mesquite.

Undergrowth, scrub mesquite & catclaw.

Resurvey of the West bdy. of T.21 S., R.12 E.

chains	<p>The West bdy. of T.21 S., R.12 E. was surveyed in 1886 by G.J. Roskrige, U.S.D.S., establishing all sec. & $\frac{1}{4}$ sec. cors. thereon with a common reference to areas on both sides of the line.</p>
	<p>No retracement or resurvey of any part of this Tp. bdy. is of record.</p>
	<p>The following notes describe a resurvey of the entire line.</p>
	<p>----- Retracement for Resurvey. -----</p>
	<p>From cor. of Ts. 21 & 22 S., Rs. 11 & 12 E.,</p>
41.48	<p>North, on random line, on E. bdy. of sec. 36 (S. $\frac{1}{2}$) Fall 34 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 31 & 36. True course & dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 36 are therefore N. 0° 28' W., 41.48 chs.</p>
	<p>Thence</p>
41.34	<p>North, on random line, on E. bdy. of sec. 36 (N. $\frac{1}{2}$) Fall 5 lks. E. of original cor. of secs. 25, 30, 31 & 36. True course & dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 36 are therefore N. 0° 4' W., 41.34 chs.</p>
	<p>-----</p>
40.83	<p>North, on random line, on E. bdy. of sec. 25 (S. $\frac{1}{2}$) Fall 6 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 25 & 30. True course & dist. of S. $\frac{1}{2}$ of E. bdy. of secs. 25 are therefore N. 0° 5' E., 40.83 chs.</p>
	<p>Thence,</p>
39.82	<p>North, on random line, on E. bdy. of sec. 25 (N. $\frac{1}{2}$) Fall 52 lks. W. of original cor. of secs. 19, 24, 25 & 30. True course & dist. of N. $\frac{1}{2}$ of E. bdy. of secs. 25 are therefore N. 0° 45' E., 39.82 chs.</p>
	<p>-----</p>
40.54	<p>North, on random line, on E. bdy. of sec. 24 (S. $\frac{1}{2}$) Fall 25 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 19 & 24. True course & dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 24 are therefore N. 0° 21' W., 40.54 chs.</p>
	<p>Thence,</p>
40.41	<p>North, on random line, on E. bdy. of sec. 24 (N. $\frac{1}{2}$) Fall 15 lks. E. of original cor. of secs. 13, 18, 19 & 24. True course & dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 24 are therefore N. 0° 13' W., 40.41 chs.</p>
	<p>-----</p>
38.98	<p>North, on random line, on E. bdy. of sec. 13 (S. $\frac{1}{2}$) Fall 13 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 13 & 18. True course & dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 13 are therefore N. 0° 11' E., 38.98 chs.</p>
	<p>Thence,</p>
40.38	<p>North, on random line, on E. bdy. of sec. 13 (N. $\frac{1}{2}$) Fall 35 lks. E. of original cor. of secs. 7, 12, 13 & 18. True course & dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 13 are therefore N. 0° 30' W., 40.38 chs.</p>
	<p>-----</p>
40.21	<p>North, on random line, on E. bdy. of sec. 12 (S. $\frac{1}{2}$) Fall 5 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 7 & 12. True course & dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore N. 0° 4' W., 40.21 chs.</p>
	<p>Thence,</p>
40.11	<p>North, on random line, on E. bdy. of sec. 12 (N. $\frac{1}{2}$) Fall 9 lks. E. of original cor. of secs. 1, 6, 7 & 12. True course & dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore N. 0° 8' W., 40.11 chs.</p>
	<p>-----</p>
40.61	<p>North, on random line, on E. bdy. of sec. 1 (S. $\frac{1}{2}$) Fall 19 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 1 & 6. True course & dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore N. 0° 16' E., 40.61 chs.</p>

chains	Thence, North, on random line, on E. bdy. of sec. 1 (N. $\frac{1}{2}$)
39.69	Fall 179 lks. E. of original closing cor. of Ts. 21 S., Rs. 11 & 12 E., on 4th Std. Par. S., on S. bdy. of sec. 36, T. 20 S., R. 11 E., True course & dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore N. $2^{\circ}35'W.$, 39.73 chs.
	----- RESURVEY. -----
	From closing cor. of Ts. 21 & 22 S., R. 12 E., hereinafter described, N. $0^{\circ}28'W.$, on true line, on W. bdy. of sec. 31. Over mountainous land, thru scattering timber and undergrowth. Desc. 75 ft. over NW. slope.
15.20	Draw, course NW. Asc. 160 ft. over S. slope.
30.60	Ridge, brs. E. & W. Desc. 135 ft. over N. slope to
37.30	(41.48 chs. N. $0^{\circ}28'W.$ from cor. of Ts. 21 & 22 S., R. 11 E.) Intersect original $\frac{1}{4}$ sec. cor. of secs. 31 & 36 which is a limestone $6x8x8$ ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by two bearing trees: an oak, 5 ins. in diam., S. $2^{\circ}E.$, 75 lks. dist., faintly marked. an oak, 8 ins. in diam., S. $15^{\circ}W.$, 145 lks. dist., faintly marked. Reconstruct this cor. monument and alter same to refer to the quarters of sec. 36 only, as follows: obliterate marking on the SE. bearing tree, remark the SW. bearing tree S36 BT, remark the stone $\frac{1}{4}36$ on W. face and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Thence, Asc. 160 ft. over S. slope to
39.94	N. $0^{\circ}4'W.$, on true line, continuing measurement of W. bdy. of sec. 31. Desc. 35 ft. over N. slope to (Midpoint of W. bdy. of sec. 31) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 31 only, marked on brass cap, $\frac{1}{4}$ S31 1925 from which, a mesquite, 8 ins. in diam., brs. N. $28\frac{1}{2}^{\circ}E.$, 64 lks. dist., marked $\frac{1}{4}$ S31 BT. an oak, 14 ins. in diam., brs. S. $48^{\circ}E.$, 234 lks. dist., marked $\frac{1}{4}$ S31 BT. Desc. slightly over N. slope to
40.00	Draw, course W. Asc. 130 ft. over S. slope.
51.50	Ridge, brs. E. & W. Enter rolling land. Desc. 260 ft. over N. slope to
78.64	(41.34 chs. N. $0^{\circ}4'W.$ from $\frac{1}{4}$ sec. cor. of sec. 36) Intersect the original cor. of secs. 25, 30, 31 & 36, which is a granite stone $10x5x7$ ins. above ground, firmly set, marked with 1 notch on S. face & 5 notches on N. face, and witnessed by a scattered mound of stone W. of cor., and one bearing tree: a mesquite, 8 ins. in diam., N. $24\frac{1}{2}^{\circ}W.$, 144 lks. dist., faintly marked. Reconstruct this cor. monument & alter same to refer to secs. 25 & 36 only by remarking the bearing tree T21S R11E S25 BT, and rebuilding mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence, N. $0^{\circ}5'E.$, on true line, continuing measurement of W. bdy. of sec. 31. Descend slightly over N. slope to
79.30	Wash, 15 lks. wide, course NW. Asc. slightly over S. slope to

Resurvey of the West Boundary of T.21 S., R.12 E.

II

chains 79.89	<p>Intersect the subdivision line bet. secs. 30 & 31, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.</p> <p>Land, rolling & mountainous. Soil, gravelly & rocky, 3rd rate. Timber, oak & juniper. Undergrowth, scrub oak & mesquite.</p> <hr/> <p>N.0° 5'E., on true line, on W. bdy. of sec. 30. Over rolling and mountainous land, thru very scattering timber & scattering undergrowth. Asc. 110 ft. over S. slope.</p> <p>18.25 Top of sharp stony peak, Desc. 120 ft. over N. slope. 25.40 Wash, 50 lks. wide, course NW. Asc. 100 ft. over S. slope. 39.00 Spur, slopes W. Desc. slightly over N. slope to 39.58 intersect original $\frac{1}{4}$ sec. cor. of secs. 25 & 30, which is a granite stone, 12x4x8 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a scattered mound of stone W. of cor. This cor. monument now refers to the quarters of sec. 25 only. Rebuild the mound of stone, 3 ft. base, 2 ft. high, W. of cor. No bearing trees available. Thence N.0° 45'E., on true line, continuing measurement of W. bdy. of sec. 30. Desc. slightly over N. slope to 39.91 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in ground to hard pan, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 30 only, marked on brass cap,</p> <p style="text-align: center;"> $\frac{1}{4}$ S30 1925</p> <p>Desc. 60 ft. over N. slope. 51.00 Draw, course NW. Asc. 20 ft. over S. slope. 53.00 Top of ascent. Thence over W. slope. 69.00 Low spur, slopes W. Desc. 50 ft. over N. slope. 74.00 Draw, course NW. Asc. 30 ft. over SW. slope to 79.40 Intersect original cor. of secs. 19, 24, 25 & 30, which is a granite stone, 8x6x8 ins. above ground, firmly set, marked with 2 notches on S. edge and 4 notches on N. edge, and witnessed by a small mound of stone W. of cor. This cor. monument now refers to secs. 24 & 25 only. Rebuild the mound of stone, 3 ft. base, 2 ft. high, W. of cor Thence, N.0° 21'W., on true line, continuing measurement of W. bdy. of sec. 30. Asc. slightly over SW. slope to 79.83 Intersect the subdivision line bet. secs. 19 & 30, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.</p> <p>Land, rolling & mountainous. Soil, gravelly, 3rd rate. Timber, oak & juniper. Undergrowth, scrub oak & mesquite.</p> <hr/> <p>N.0° 21'W., on true line, on W. bdy. of sec. 19. Over rolling & mountainous land, thru very scattering timber & scattering undergrowth. Asc. 50 ft. over SW. slope. 9.00 Ridge, bears NW. & SE. Desc. 210 ft. over N. slope to 40.04 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in ground to hard pan, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 19 only,</p>
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chains	marked on brass cap,
	$\frac{1}{4}$ S19 1925
	from which bearing tree to the original $\frac{1}{4}$ sec.cor.,an oak,12 ins. diam.,faintly marked $\frac{1}{4}$ S BT, brs.S.35°E.,300 lks.dist. Re-mark this tree to read $\frac{1}{4}$ S19 BT. No other bearing tree available.
40.11	Intersect original $\frac{1}{4}$ sec.cor.of secs.19 & 24,which is an igneous stone,12x4x7 ins.above ground,firmly set, marked $\frac{1}{4}$ on W.face,and witnessed by one bearing tree; an oak,12 ins.diam.,S.34°E.,306 lks.dist.,marked $\frac{1}{4}$ S BT. This cor.monument now refers to the quarters of sec.24 only. Raise a mound of stone,3 ft.base,1 $\frac{1}{2}$ ft.high,W.of cor. Re-mark the old bearing tree for accessory to the reestablished $\frac{1}{4}$ sec.cor.of sec.19 as described above. No other bearing tree available.
	Thence, N.0°13'W.,on true line,continuing measurement of W.bdy. of sec.19.
80.08	Desc.gradually over W.slope to Intersect the subdivision line bet.secs.18 & 19 surveyed due West. Closing cor.of said secs.established at this point as hereinafter described.
	Land,rolling & mountainous. Soil, gravelly, 3rd rate. Timber, oak. Undergrowth, scrub mesquite & catclaw.
	<hr/> N.0°13'W.,on true line,on W.bdy.of sec.18.
	Over rolling land,thru very scattering timber & scattering undergrowth. Desc.slightly over W.slope to
0.44	intersect original cor.of secs.13,18,19 & 24,which is a granite stone,8x8x8 ins.above ground,firmly set, and marked with 3 notches on each of N. & S. edges. No accessories. This cor.monument now refers to secs.13 & 24 only. Raise a mound of stone,3 ft.base,2 ft.high,W.of cor.
	Thence
	N.0°11'E.,on true line,continuing measurement of W.bdy. of sec.18.
4.00	Asc. 130 ft.over SW.slope. Enter mountainous land.
13.60	Ridge, bears NW. & SE. Desc.240 ft.over NE.slope.
22.00	Draw, course NE. Asc.190 ft.over SE.slope.
30.00	Spur, slopes E. Desc.220 ft.over N.slope to
39.42	Intersect original $\frac{1}{4}$ sec.cor.of secs.13 & 18,which is a granite stone,8x8x8 ins.above ground,firmly set, and marked $\frac{1}{4}$ on W.face. No accessories. This cor.monument now refers to the quarters of sec.13 only.
	Raise a mound of stone,3 ft.base,1 $\frac{1}{2}$ ft.high,W.of cor. No bearing trees available.
	Thence,
	N.0°30'W.,on true line,continuing measurement of W.bdy. of sec.18.
	Desc.slightly over N.slope to
40.00	(Midpoint) Set an iron post,3 ft.long,1 in.in diam.,18 ins.in ground to hard pan,deposit a stone marked with a cross(X) at base of post,and raise a mound of stone around post,for reestablished $\frac{1}{4}$ sec.cor.of sec.18 only,marked on brass cap,
	$\frac{1}{4}$ S18 1925
48.00	Desc.35 ft.over N.slope. Wash,100 lks.wide,course NW. Enter rolling land,and dense undergrowth.

chains 53.50 79.80	Trail, bears NW. & SE. Intersect original cor. of secs. 7, 12, 13 & 18, which is an igneous stone, 14x5x7 ins. above ground, firmly set, marked with 4 notches on S. edge and 2 notches on N. edge, and witnessed by three bearing trees; a mesquite, 8 ins. diam., N. 23° W., 153 lks. dist. a mesquite, 14 ins. diam., N. 28° W., 85 lks. dist. a mesquite, 8 ins. diam., S. 20½° E., 82 lks. dist. This cor. monument now refers to secs. 12 & 13 only. Remark the two NW. bearing trees T21S R12E S12 BT and obliterate the marking on the SE. bearing tree. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence, N. 0° 4' W., on true line, continuing measurement of W. bdy. of sec. 18
80.01	Intersect the subdivision line bet. secs. 7 & 18, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described. Land, rolling and mountainous. Soil, rocky & gravelly, 3rd rate. Timber, oak & mesquite. Undergrowth, scrub mesquite & oak.
0.20 39.98	N. 0° 4' W., on true line, on W. bdy. of sec. 7. Over rolling land, thru very scattering timber & scattering undergrowth. Wash, 10 lks. wide, course W. Desc. gradually over W. slope. (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in ground to hard pan, and raise a mound of stone around post, for reestablished ¼ sec. cor. of sec. 7 only, marked on brass cap, ¼ S7 1925 from which original bearing tree, an oak, 18 ins. diam., brs. N. 46½° E., 84 lks. dist., faintly marked. Stump of the other original oak bearing tree, 8 ins. diam., brs. N. 43° W., 84 lks. dist. No marks visible. Re-mark the NE. bearing tree ¼ S7 BT. No other bearing tree available. Raise a mound of stone, 3 ft. base, 1½ ft. high, E. of cor.
40.00	Intersect original ¼ sec. cor. of secs. 7 & 12, which is an igneous stone, 8x6x12 ins. above ground, firmly set, marked ¼ on W. face, and witnessed by one of the original bearing trees and the stump of the other as described above in connection with reestablished ¼ sec. cor. of sec. 7. This cor. monument now refers to the quarters of sec. 12 only. No bearing trees available. Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor. Thence, N. 0° 8' W., on true line, continuing measurement of W. bdy. of sec. 7.
41.00 68.00 79.95	Wash, 20 lks. wide, course W. Wash, 20 lks. wide, course NW. Intersect the subdivision line bet. secs. 6 & 7, surveyed due West. Closing cor. of said secs. established at this point as hereinafter described. Land, rolling. Soil, gravelly, 2nd rate. Timber, oak. Undergrowth, scrub mesquite, catclaw & oak.

14 Resurvey of the West Boundary of T.21 S., R.12 E.

chains	N.0° 8'W., on true line, on W.bdy. of sec.6. Over rolling land, thru scattering undergrowth and very scattering timber. Desc. gradually over W. slope.
0.16	Intersect original cor. of secs. 1, 6, 7 & 12, which is an igneous stone 10x4x7 ins. above ground, firmly set, marked with 1 notch on N. edge and 5 notches on S. edge, and witnessed by one bearing tree; a mesquite, 12 ins. diam., N. 28°W., 146 lks. dist., faintly marked. This cor. monument now refers to secs. 1 & 12 only. Re-mark the bearing tree T21S R11E S1 BT. No other bearing tree available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence, N.0°16'E., on true line, continuing measurement of W. bdy. of sec.6.
1.20	Wash, 20 lks. wide, course W.
28.75	Wash, 20 lks. wide, course SW. Asc. gradually over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to hard pan, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec.6 only, marked on brass cap, $\frac{1}{4}$ S6 1925
40.77	Intersect original $\frac{1}{4}$ sec. cor. of secs. 1 & 6, which is an igneous stone 8x6x6 ins. above ground, firmly set, and marked $\frac{1}{4}$ on W. face. No accessories. This cor. monument now refers to the quarters of sec. 1 only. No bearing trees available. Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Thence, N.2°35'W., on true line, continuing measurement of W. bdy. of sec.6. Asc. 160 ft. over S. slope.
55.00	Ridge, bears E. & W. Desc. 135 ft. over N. slope.
69.30	Wash, 30 lks. wide, course NW. Asc. 85 ft. over S. slope to
80.50	Intersect the original closing cor. of Ts. 21 S., Rs. 11 & 12 E., on 4th Std. Par. S., which is a granite stone, 8x8x8 ins. above ground, firmly set, marked CC and 6 grooves on S. face, and 6 grooves on each of E. & W. faces, and witnessed by a small mound of stone S. of cor. This cor. monument retains its original reference. Rebuild the mound of stone, 3 ft. base, 2 ft. high, S. of cor. Land, rolling. Soil, gravelly, 2nd rate. Timber, oak. Undergrowth, scrub mesquite.

Survey of the S. bdy. of T. 21 S., R. 12 E.

chains

From the cor. of Tps. 21 and 22 S., Rs. 12 and 13 E.,
hereinbefore described.
West on a true line bet. secs. 1 and 36
Over rolling land, through scattering undergrowth,
descend 20 ft. over S. slope.

5.30 Drain, course SE., ascend 75 ft. over E. slope.
14.00 Spur, slopes SE., descend 30 ft. over S. slope.
25.40 Drain, course SE., ascend 80 ft., over E. slope.
35.00 Spur, slopes SE., thence over S. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to hard pan, deposit a mound of stone marked
with a cross (X) at base of post, raise a mound of stone
4½ ft. base, 2 ft. high, around post, for ¼ sec. cor.,
marked on brass cap

	S36	
¼	S1	
1925		

Ascend 65 ft. over S. slope.
55.00 Spur, slopes N. 70° E., thence along flat spur.
75.00 Ascend 40 ft., over NE. slope.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface
rock, deposit a stone marked with a cross (X) at base
of post, raise a mound of stone 6 ft. base, 2½ ft. high,
around post, for the cor. of secs. 1, 2, 35 and 36,
marked on brass cap

T21S	R12E
S35	S36
S2	S1
T22S	
1925	

Land, rolling.
Soil, stony, 4th rate.
No timber.
Undergrowth, mesquite.

West on a true line bet. secs. 2 and 35
Over mountainous land, through scattering undergrowth,
ascend 150 ft. over rocky NE. slope.

10.00 Top of ascent, thence along rocky cliffy N. slope.
15.00 Descend 285 ft. over NW. slope.
29.00 Gulch, course N., ascend 105 ft. over rocky NE. slope.
32.00 Top of ascent, thence along rocky N. slope.
38.00 Descend 35 ft. over NW. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock,
raise a mound of stone 6 ft. base, 2½ ft. high, around
post, for ¼ sec. cor., marked on brass cap

	S35	
¼	S2	
1925		

From which
An oak, 8 ins. diam., bears N. 19° E., 58 lks. dist.,
marked ¼ S35 BT
An oak, 8 ins. diam., bears S. 29° E., 40 lks. dist.,
marked ¼ S2 BT. Descend 20 ft over W. slope.

44.30 Gulch, course N., ascend 50 ft. over NE. slope.
50.00 Top of ascent, descend 160 ft. over NW. slope.
65.30 Gulch, course NE., ascend 165 ft. over NE. slope.
76.50 Spur, slopes N., descend 120 ft. over NW. slope.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface
rock, raise a mound of stone 6 ft. base, 2½ ft. high
around post, for the cor. of secs. 2, 3, 34 and 35,
marked on brass cap

T21S	R12E
S34	S35
S3	S2
T22S	
1925	

From which
An oak, 8 ins. diam., bears S. 60° E., 217 lks. dist.,
marked T22S R12E S2 BT

Survey of the S. bdy. of T. 21 S., R. 12 E.

chains

An oak, 14 ins. diam., bears S. $56\frac{1}{2}^{\circ}$ W., 27 lks. dist., marked T22S R12E S3 BT

An oak, 14 ins. diam., bears N. $31\frac{1}{2}^{\circ}$ W., 96 lks. dist., marked T21S R12E S34 BT.

No other tree available.

Land, mountainous.

Soil, rocky 4th rate.

Timber, a few scattering oak.

Undergrowth, mesquite.

West on a true line bet. secs. 3 and 34.

Over mountainous land, through scattering timber and undergrowth, descend 30 ft. over NW. slope.

1.30 Gulch, course N. 70° E., ascend 650 ft. over broken, rocky, cliffy, NE. slope.

1.50 Offset South, 200 lks. to avoid impassable cliffs, thence West, 32.45 chs., thence South, 350 lks., thence West, 10.60 chs., thence North, 550 lks. to true line.

40.00 True point for $\frac{1}{4}$ sec. cor., falls on cliffs, impracticable to set cor.

44.55 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bed rock, raise a mound of stone 2 ft. base, 1 ft. high, around post, for witness cor. to $\frac{1}{4}$ sec. cor. of secs. 3 and 34, marked on brass cap

$$\frac{1}{4} \frac{S34}{S3} WC$$

1925

From which

An oak, 10 ins. diam., bears N. 81° E., 70 lks. dist., marked $\frac{1}{4}$ S34 WC BT

An oak, 8 ins. diam., bears S. $6\frac{1}{4}^{\circ}$ E., 87 lks. dist., marked $\frac{1}{4}$ S3 WC BT

Ascend 100 ft. over broken, rocky, cliffy N. slope.

48.60 Top of ascent, descend 90 ft. over rocky, cliffy N. slope.

52.50 Head of a gulch, course NE., ascend 715 ft. over broken, rocky, cliffy E. slope.

75.00 Rocky point, slopes S., descend 65 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to bed rock, against S. face of rocky ledge, deposit a stone, marked with a cross (X) at base of post, raise a mound of stone, 5 ft. base, 2 ft. high, around post, for the cor. of secs. 3, 4, 33 and 34, marked on brass cap

T21S R12E

S33 | S34

S4 | S3

T22S

1925

No trees available.

Land, mountainous.

Soil, stony, 4th rate.

Timber, scattering oak.

Undergrowth, catclaw, oak, mahogany.

West on a true line bet. secs. 4 and 33.

Over mountainous land, through scattering timber and undergrowth, along rocky S. slope.

4.00 Ascend 190 ft., over rolling, rocky, SE. slope.

19.00 Divide, bears N. and S., descend 120 ft. over NW. slope.

25.00 Continue along N. slope.

33.50 Spur, slopes NW., descend 130 ft., over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone 4 ft. base, 1 1/2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S33}{S4}$$

1925

From which

Survey of the S. bdy. of T. 21 S., R. 12 E.

chains

72.00
80.00

An oak, 16 ins. diam., bears N. 32° W., 24 lks. dist., marked $\frac{1}{4}$ S33 BT . No other tree available.
Descend 600 ft. over rocky, cliffy W. slope.
Gulch, course SW., ascend 95 ft., over S. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 5 ft. base, 2 ft. high, around post, for the cor. of secs. 4, 5, 32 and 33, marked on brass cap

T21S	R12E
S32	S33
S5	S4
T22S	
1925	

No trees available.
Land, mountainous.
Soil, stony, 4th rate.
Timber, scattering oak.
Undergrowth, mesquite & oak.

10.35
21.40
27.60
37.00
40.00

West, on a true line, bet. secs. 5 and 32.
Over mountainous land, through scattering timber and undergrowth, ascend 15 ft. over S. slope.
Rocky spur, slopes SW., descend 225 ft. over SW. slope.
Gulch, course N. 70° W., thence along N. slope.
Same gulch, course SW., ascend 80 ft. over SE. slope.
Spur, slopes S., descend 55 ft. over W. slope.
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base, of post, raise a mound of stone, 5 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S32
S5
1925

41.00
45.00
49.50
50.00
64.00
68.00
70.50
80.00

No trees available.
Descend 5 ft. over W. slope.
Draw, course S., ascend 30 ft. over E. slope.
Spur, slopes S., descend 125 ft. over SW. slope.
Enter brushy valley, bears NW. and SE.
Wash, 40 lks. wide, course NW.
Ascend 40 ft. over NE. slope.
Spur, slopes NW., descend 75 ft., over SW. slope.
Wash, 20 lks. wide, course NW., ascend 40 ft. over NE. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to hard pan, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

T21S	R12E
S31	S32
S6	S5
T22S	
1925	

From which
An oak, 12 ins. diam., bears N. 68° E., 199 lks. dist., marked T21S R12E S32 BT
An oak, 8 ins. diam., bears S. 35 $\frac{1}{2}$ ° E., 67 lks. dist., marked T22S R12E S5 BT
No other trees available.
Land, mountainous.
Soil, stony, 4th rate.
Timber, scattering oak.
Undergrowth, mesquite & oak.

Survey of the S. bdy. of T. 21 S., R. 12 E.

chains

West on a true line bet. secs. 6 and 31,
 Over mountainous land, through scattering timber and
 undergrowth, ascend 225 ft. over rolling NE. slope.
 12.50 Point of spur, slopes N., descend 325 ft. over NW. slope.
 31.00 Draw, course NE., ascend 20 ft. over rolling N. slope.
 38.00 Low spur, slopes N.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

~~S31~~
~~S6~~
 1925

Raise an mound of stone, 3 ft. base, 2 ft. high, N. of
 cor., No trees available.
 Descend 100 ft. over SW. slope.
 49.40 Gulch, course NW. ascend 50 ft. over NE. slope.
 53.10 Spur, slopes NW. descend 30 ft. over SW. slope
 56.50 Gulch, course NW. ascend 50 ft. over NE. slope.
 60.75 Spur, slopes NW., descend 55 ft. over SW. slope.
 64.30 Gulch, course NW., ascend 60 ft. over NE. slope.
 70.00 Spur, slopes NW., descend 30 ft. over SW. slope.
 72.50 Gulch, course NW., ascend 75 ft. over NE. slope.
 78.00 Low spur, slopes N., thence rolling, drains NW.
 87.75 Intersect E. bdy. of T. 21 S., R. 12 E. at a point 418 lks. N. 0° 28' W. of
 the original cor. of Tps. 21 and 22 S., Rs. 11 and 12 E.,

a granite stone, 10x8x8 ins. above ground, firmly set,
 marked 6 notches on the N., S., E. and W. edges. A
 small mound of stone S. of cor. As this now becomes
 the cor. of Tps. 21 and 22 S., R. 12 E., only, the cor.
 stone being well marked and durable rock, reconstruct
 this cor. by raising a mound of stone 3 ft. base, 2 ft.
 high, W. of cor., and defacing the notches on the E.
 edge of the cor. stone.

At intersection, set an iron post, 3 ft. long, 3 ins. diam.,
 24 ins. in the ground, for closing cor. off Tps. 21 and 22 S.,
 R. 12 E., marked on brass cap,

T21S | T21S
 R11E | S31C | R12E
 | S6 C
 S36 | T22S
 1925

From which
 A mesquite, 6 ins. diam., bears N. 41 $\frac{1}{2}$ ° E., 112 lks.
 dist., marked T21S R12E S31 CC BT
 A mesquite, 6 ins. diam., bears S. 56 $\frac{1}{2}$ ° E., 173 lks.
 dist., marked T22S R12E S6 CC BT
 Land, mountainous.
 Soil, stony and gravelly, 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite & oak.

Survey of the North bdy. of T. 21 S., R. 12 E.

chains

The following notes describe the establishment on the 4th Std.Par.S. in R.12 E. of the $\frac{1}{4}$ sec.cors.referring to the North tier of secs.of T.21 S.;R.12 E.,which process together with the establishment of closing cors.of said secs.as hereinafter described,constitutes a survey of the North bdy.of T.21 S.,R.12 E.

For topography along the line and description of all std.cors.thereon,see field notes of "Resurvey of 4th Std. Par.S.thru R.12 E." in Book "A" of this group.

From std.cor.of Ts.20 S.,Rs.12 & 13 E.,identical with cor. of Ts.21 S.,Rs.12 & 13 E.,

39.96 N.89°55'W.,on true line,on N.bdy.of sec.1
Intersect true point for std. $\frac{1}{4}$ sec.cor.of sec.36.

Thence,

40.96 S.89°57'W.,on true line,continuing measurement.

41.84 Intersect W.C. to std. $\frac{1}{4}$ sec.cor.of sec.36.

(40.00 chs.easting from C.C.of secs.1 & 2) Set an iron post,3 ft.long,1 in.in diam.,15 ins.in ground to hard pan,and raise a mound of stone around post,for $\frac{1}{4}$ sec. cor.of sec.1 only, marked on brass cap,

$\frac{1}{4}$ S1

1925

from which,

a mesquite,7 ins.in diam.,brs. S.35 $\frac{1}{2}$ °E.,148 lks.dist.,
marked $\frac{1}{4}$ S1 BT

a mesquite,8 ins.in diam.,brs. S.32 $\frac{1}{2}$ °W.,190 lks.dist.,
marked $\frac{1}{4}$ S1 BT

80.05 Intersect std.cor.of secs.35 & 36.

Thence,

81.84 N.89°55'W.,on true line,continuing measurement.

Intersect subdivision line bet.secs.1 & 2,surveyed due North. Closing cor.of said secs.established at this point as hereinafter described.

N.89°55'W.,on true line,on N.bdy.of sec.2.

38.24 Intersect std. $\frac{1}{4}$ sec.cor.of sec.35.

Thence,

West,on true line,continuing measurement.

39.97 (Midpoint of N.bdy.of sec.2) Set an iron post,3 ft.long, 1 in.in diam.,14 ins.in ground to hard pan,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.2 only, marked on brass cap,

$\frac{1}{4}$ S2

1925

78.31 Intersect std.cor.of secs.34 & 35.

Thence,

N.89°56'W.,on true line,continuing measurement.

79.94 Intersect subdivision line bet.secs.2 & 3,surveyed N.0° 1'W. Closing cor.of said secs.established at this point as hereinafter described.

N.89°56'W.,on true line,on N.bdy.of sec.3.

38.37 Intersect std. $\frac{1}{4}$ sec.cor.of sec.34.

Thence,

N.89°59'W.,on true line,continuing measurement.

39.80 (Midpoint of N.bdy.of sec.3) Set an iron post,3 ft.long, 1 in.in diam.,12 ins.in ground to hard pan,and raise a mound of stone around post,for $\frac{1}{4}$ sec.cor.of sec.3 only, marked on brass cap,

$\frac{1}{4}$ S3

1925

from which,

chains	a paloverde, 4 ins. diam., brs. S. $48\frac{1}{2}^{\circ}$ E., 28 lks. dist., marked $\frac{1}{4}$ S3 BT
	a paloverde, 4 ins. diam., brs. S. 9° W., 137 lks. dist., marked $\frac{1}{4}$ S3 BT
78.23	Intersect std. cor. of secs. 33 & 34. Thence, S. $89^{\circ}56'$ W., on true line, continuing measurement.
79.61	Intersect subdivision line bet. secs. 3 & 4 surveyed N. 0° 1' W. Closing cor. of said secs. established at this point as hereinafter described.

39.91	S. $89^{\circ}56'$ W., on true line, on N. bdy. of sec. 4. (Midpoint of N. bdy. of sec. 4) Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in ground to hard pan, 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. 4 only, marked on brass cap, $\frac{1}{4}$ S4 1925
41.05	Intersect std. $\frac{1}{4}$ sec. cor. of sec. 33.
79.82	Intersect subdivision line bet. secs. 4 & 5 surveyed N. 0° 2' W. Closing cor. of said secs. established at this point as hereinafter described.

1.23	S. $89^{\circ}56'$ W., on true line, on N. bdy. of sec. 5. Intersect std. cor. of secs. 32 & 33.
39.86	(Midpoint of N. bdy. of sec. 5) Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to hard pan, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 5 only, marked on brass cap, $\frac{1}{4}$ S5 1925
41.23	raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Intersect std. $\frac{1}{4}$ sec. cor. of sec. 32.
79.73	Intersect subdivision line bet. secs. 5 & 6 surveyed N. 0° 2' W. Closing cor. of said secs. established at this point as hereinafter described.

1.50	S. $89^{\circ}56'$ W., on true line, on N. bdy. of sec. 6. Intersect std. cor. of secs. 31 & 32. Thence, N. $89^{\circ}57'$ W., on true line, continuing measurement.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in ground to hard pan, 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. 6 only, marked on brass cap, $\frac{1}{4}$ S6 1925
41.67	Intersect std. $\frac{1}{4}$ sec. cor. of sec. 31. Thence, N. $89^{\circ}55'$ W., on true line, continuing measurement.
88.46	Intersect std. C.C. of T. 20 S., R. 12 E. (SW. cor.) Thence, South, on true line, on E. bdy. of sec. 36, T. 20 S., R. 11 E.
3.04	Intersect std. cor. of T. 20 S., R. 11 E. (SE. cor.). Thence, West, on true line, on 4th Std. Par. S., on S. bdy. of sec. 36, T. 20 S., R. 11 E.
1.11	Intersect C.C. of Ts. 21 S., Rs. 11 & 12 E., hereinbefore described.

Boundaries of Township 21 South, Range 12 East.

Latitude, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
East boundary.	N. 0°04'E.	159.96	159.96		.19	
	N. 0°09'E.	39.53	39.53		.10	
	M. 0°58'W.	39.86	39.85			.67
	N. 0°04'W.	81.38	81.38			.10
	N. 1°42'E.	81.12	81.08		2.40	
	N. 0°07'W.	40.11	40.11			.08
	North.	40.59	40.59			
North boundary. (4th Std. Par. S.)	N. 89°55'W.	39.96	.06			39.96
	S. 89°57'W.	40.09		.03		40.09
	N. 89°55'W.	40.03	.06			40.03
	West.	40.07				40.07
	N. 89°56'W.	40.00	.05			40.00
	N. 89°59'W.	39.86	.01			39.86
	S. 89°56'W.	162.43		.19		162.43
	N. 89°57'W.	40.17	.04			40.17
	N. 89°55'W.	46.79	.07			46.79
	South.	3.04		3.04		
	West.	1.11				1.11
West boundary.	S. 2°35'E.	39.73		39.69	1.79	
	S. 0°16'W.	40.61		40.61		.19
	S. 0°08'E.	40.11		40.11	.09	
	S. 0°04'E.	40.21		40.21	.05	
	S. 0°30'E.	40.38		40.38	.35	
	S. 0°11'W.	38.98		38.98		.13
	S. 0°13'E.	40.41		40.41	.15	
	S. 0°21'E.	40.54		40.54	.25	
	S. 0°45'W.	39.82		39.82		.52
	S. 0°05'W.	40.83		40.83		.06
	S. 0°04'E.	41.34		41.34	.05	
S. 0°28'E.	37.30		37.30	.30		
South boundary.	East.	487.75			487.75	
Convergency.						.44
Totals			482.79	483.48	493.47	492.70
				482.79	492.70	
			Error in lat. 0.69			
			Error in dep. 0.77			

chains

	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy of the Tp., hereinbefore described.
	North on sectional guide meridian bet. secs. 35 and 36.
	Over rolling land, through scattering undergrowth, descend 300 ft. over N. slope.
19.00	Wash, in gulch, 200 lks. wide, course SE., ascend 210 ft. over S. slope.
34.00	Top of ascent, thence over level land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 3 ft. base, 1 ft. high around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{c} \frac{1}{4} \\ \hline S35 S36 \\ \hline 1925 \end{array}$
51.00	Wash, 50 lks. wide, course NE., ascend 235 ft. over rolling S. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, around post, for the cor. of secs. 25, 26, 35 and 36, marked on brass cap
	$\begin{array}{c} T21S R12E \\ \hline S26 S25 \\ \hline S35 S36 \\ \hline 1925 \end{array}$
	Land, mountainous and rolling, Soil, stony and gravelly, 3rd rate. No timber. Undergrowth, mesquite & catclaw.

40.00	East on a random line bet. secs. 25 and 36.
79.96	Set temp. $\frac{1}{4}$ sec. cor. Intersect the E. bdy. of the Tp. at the cor. of secs. 25, 30, 31 and 36, hereinbefore described.
	Thence
	West on a true line bet. secs. 25 and 36.
	Over rolling land, through scattering undergrowth, ascend 170 ft. over rolling SE. slope.
13.00	Top of ascent, thence over level land.
24.00	Descend 140 ft. over rolling NW. slope.
34.00	Wash, 100 lks. wide, course NE., ascend 75 ft. over rolling SE. slope.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{c} \frac{1}{4} S25 \\ \hline \frac{1}{4} S36 \\ \hline 1925 \end{array}$
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Ascend 450 ft. over rolling SE. slope.
76.30	Top of ascent, continue over rolling S. slope.
79.96	The cor. of secs. 25, 26, 35 and 36. Land, rolling and mountainous. Soil, stony and gravelly, 3rd rate. No timber. Undergrowth, mesquite & catclaw.

	North, on sectional guide meridian bet. secs. 25 and 26.
	Over rolling & mountainous land, through scattering undergrowth, ascend 110 ft. over S. slope.
1.40	Cliff, 30 ft. high, bears E. and W.
13.00	Top of ascent, thence along rolling E. slope.
27.00	Descend 130 ft. over rolling NE. slope.
35.85	Cliff, 40 ft. high, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over a cross

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

(X) on surface rock, supported by a mound of stone, 6 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap

¼
S25 | S26

1925

44.30 Descend 380 ft. over broken NE. slope.
 69.60 Cliff, 30 ft. high, bears E. and W.
 78.00 Cliff 40 ft. high, bears NW. and SE.
 80.00 Gulch, course SE., ascend 8 ft. over SW. slope.
 Set an iron post, 3 ft. long, 2 ins. diam., 3 ins. in the ground, to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 6 ft. base, 2½ ft. high around post, for the cor. of secs. 23, 24, 25 and 26, marked on brass cap

T21S | R12E
 S23 | S24
 S26 | S25

1925

Land, rolling & mountainous.
 Soil, rocky 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite & soto.

40.00 East on a random line bet. secs. 24 and 25.
 79.89 Set temp. ¼ sec. cor.
 Intersect the E. bdy. of the Tp. 16 lks. S. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.
 Thence
 S. 89°53' W. on a true line bet. secs. 24 and 25.
 25.00 Over rolling land, through scattering undergrowth.
 Wash, 10 lks. wide, course S. 80° E., ascend 110 ft. over NE. slope.
 39.94½ Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 4 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap

¼ S24
 ¼ S25
 1925

60.00 Ascend 100 ft. over gradual E. slope.
 74.00 Enter level mesa, bears NW. and SE.
 79.89 Descend 70 ft., over SW. slope.
 The cor. of secs. 23, 24, 25 and 26.
 Land, rolling.
 Soil, stony and gravelly, 3rd rate.
 No timber.
 Undergrowth, mesquite & catclaw.

8.00 North on sectional guide meridian bet. secs. 23 and 24.
 28.00 Over rolling land, through scattering undergrowth, ascend 125 ft. over SW. slope.
 34.70 Enter mesa, bears NW. and SE.
 39.50 Descend 65 ft. over NE. slope.
 40.00 Wash, 10 lks. wide, course E., ascend 65 ft. over S. slope.
 Enter mesa, bears E and W.
 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 4 ft. base, 1½ ft. high around post, for ¼ sec. cor., marked on brass cap

¼
 S23 | S24

1925

43.40 Old road, bears E. and W.

Survey of the subdivision ^{lines} of T. 21 S., R. 12 E.

chains

57.00	Descend 100 ft. over NW. slope.						
64.00	Wash, 5 lks. wide, course NE., ascend 50 ft. over SE. slope.						
71.00	Spur, slopes NE., descend 45 ft. over NW. slope.						
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 13, 14, 23 and 24, marked on brass cap						
	<table border="1"> <tr><td>T21S</td><td>R12E</td></tr> <tr><td>S14</td><td>S13</td></tr> <tr><td>S23</td><td>S24</td></tr> </table>	T21S	R12E	S14	S13	S23	S24
T21S	R12E						
S14	S13						
S23	S24						
	1925						
	Raise a mound of stone, 3 ft. base, 1½ ft. high W. of cor.						
	Land, rolling.						
	Soil, stony and gravelly, 3rd rate.						
	No timber.						
	Undergrowth, mesquite & ocotillo.						
	-----v-----						
	N. 89°53'E. on a random line bet. secs. 13 and 24.						
40.00	Set temp. ¼ sec. cor.						
79.52	Intersect E. bdy. of the Tp., 7 lks. N. of the cor. of secs. 13 and 24, only, hereinbefore described.						
	Thence						
	S. 89°56' W. on a true line bet. secs. 13 and 24.						
	Over rolling land, through scattering undergrowth.						
16.70	Wash, 10 lks. wide, course NE.						
35.60	Wash, 5 lks. wide, course NE.						
39.52	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for ¼ sec. cor., marked on brass cap						
	<table border="1"> <tr><td>S13</td></tr> <tr><td>¼</td></tr> <tr><td>S24</td></tr> </table>	S13	¼	S24			
S13							
¼							
S24							
	1925						
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.						
55.30	Wash, 5 lks. wide, course NE., ascend 100 ft. over E. slope.						
63.50	Spur, slopes NE. descend 70 ft. over NW. slope.						
71.30	Wash, 10 lks. wide, course NE. ascend 60 ft. over E. slope.						
76.50	Point of spur, slopes NE., descend 10 ft, over N. slope.						
79.52	The cor. of secs. 13, 14, 23 and 24.						
	Land, rolling.						
	Soil, stony and gravelly, 3rd rate.						
	No timber.						
	Undergrowth, mesquite & catclaw.						

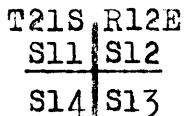
	North, on a sectional guide meridian, bet. secs. 13 and 14						
	Over rolling land, through scattering undergrowth, descend 85 ft. over N. slope.						
10.90	Wash, 30 lks. wide, course E. , ascend 85 ft. over S. slope.						
23.00	Flat spur, slopes E., trail, bears E. and W., descend 130 ft. over N. slope.						
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone; 4 ft. base, 1½ ft. high around post, for ¼ sec. cor., marked on brass cap						
	<table border="1"> <tr><td>S14</td><td>S13</td></tr> </table>	S14	S13				
S14	S13						
	1925						
41.20	Wash, 20 lks. wide, course NE., ascend 75 ft. over S. slope.						
52.00	Flat spur, slopes NE., descend 80 ft., over rolling NE. slope.						
61.80	Wash, 5 lks. wide, course N.70°E.,						
70.50	Wash, 5 lks. wide, course NE.; thence over rolling land.						
76.20	Wash, 5 lks. wide, course E.						

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 11, 12, 13 and 14, marked on brass cap



1925

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

Land, rolling.

Soil, stony and gravelly, 3rd rate.

No timber.

Undergrowth, mesquite & catclaw.

N. 89° 56' E. on a random line bet. secs. 12 and 13.

40.00

Set temp. 1/4 sec. cor.

79.51

Intersect E. bdy. of the Tp., 9 lks. N. of the cor. of secs. 12 and 13, hereinbefore described.

Thence

West on a true line bet. secs. 12 and 13.

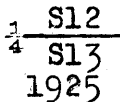
Over rolling land, through scattering undergrowth.

10.50

Wash, 10 lks. wide, course NE.

39.51

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, raise a mound of stone, 4 ft. base, 1 1/2 ft. high, around post, for 1/4 sec. cor., marked on brass cap



From which

A mesquite, 8 ins. diam., bears S. 60 1/2° W., 204 lks. dist., marked 1/4 S13 BT

A mesquite, 8 ins. diam., bears N. 61° W., 95 lks. dist., marked 1/4 S12 BT

42.00

Wash, 20 lks. wide, course NE.

67.30

Wash, 5 lks. wide, course NE.

79.51

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

Land, rolling.

Soil, gravelly and stony, 3rd rate.

No timber.

Undergrowth, mesquite & ocotillo.

North on sectional guide meridian bet. secs. 11 and 12.

Over rolling land, through scattering undergrowth.

6.20

Trail, bears NE. and SW.

20.50

Wash, 30 lks. wide, course N. 60° E.

25.00

Wash, 10 lks. wide, course NE.

35.80

Wash, 30 lks. wide, course E.

37.40

Trail, bears NE. and SW.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to hard pan, raise a mound of stone, 3 ft. base, 1 ft. high, around post, for the 1/4 sec. cor., of secs. 11 and 12, marked on brass cap



1925

From which

A mesquite, 5 ins. diam., bears N. 70 3/4° E., 68 lks. dist., marked 1/4 S12 BT

A mesquite, 5 ins. diam., bears S. 39° W., 20 lks. dist., marked 1/4 S11 BT

58.60

Wash, 5 lks. wide, course NE.

79.40

Wire fence, bears E. and W.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 1, 2, 11 and 12, marked on brass cap

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

T21S	R12E
S2	S1
S11	S12

1925

From which
 A mesquite, 6 ins. diam., bears S. 4° 30' W., 113 lks. dist., marked T21S R12E S11 BT. No other trees available.
 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling.
 Soil, stony and gravelly, 3rd rate.
 No timber.
 Undergrowth, mesquite, palo verde & ocotillo.

40.00
81.84

East on a random line bet. secs. 1 and 12.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the E. bdy. of the Tp., 19 lks. S. of the cor. of secs. 1 and 12, hereinbefore described.

10.00
27.40
36.30
41.84

Thence
 S. 89° 52' W. on a true line bet. secs. 1 and 12.
 Over rolling land, through scattering undergrowth.
 Wash, 5 lks. wide, course NE.
 Wash, 5 lks. wide, course NE.
 Wash, 5 lks. wide, course N.
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to hard pan, raise a mound of stone, 3 ft. base, 1 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1925

51.50
59.75
75.50
81.84

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Wash, 10 lks. wide, course NE.
 Wire fence, bears N. 88° E. and S. 88° W.
 Wash, 10 lks. wide, course NE.
 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling,
 Soil, gravelly, 3rd rate.
 No timber.
 Undergrowth, mesquite, palo verde & ocotillo.

18.75
28.75
40.00

North, on sectional guide meridian, bet. secs. 1 and 2.
 Over rolling land, through scattering undergrowth.
 Wash, 40 lks. wide, course E.
 Old road, bears E. and W.
 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1926

61.00
66.00
74.10
82.69

From which
 A mesquite, 9 ins. diam., bears N. 61 $\frac{1}{4}$ ° E., 263 lks. dist., marked $\frac{1}{4}$ S1 BT
 A mesquite, 8 ins. diam., bears N. 30° W., 262 lks. dist., marked $\frac{1}{4}$ S2 BT
 Wash, 20 lks. wide, course NE.
 Wash, 10 lks. wide, course NE.
 Wash, 5 lks. wide, course SE.
 Intersect the 4th Std. Par. S., N. 89° 55' W., 179 lks. dist. from the Std. cor. of secs. 35 and 36, described in book "A" of this group.
 At intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 1 and 2, marked on brass cap

T20S	R12E
S35	
S2	S1
T21S	R12E
C	C

1925

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Land, rolling. Soil, gravelly, 2nd and 3rd rate. No timber. Undergrowth, mesquite & catclaw.

From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp., hereinbefore described. N. 0°01' W. bet. secs. 34 and 35.

3.70
6.00
7.50
31.00
40.00

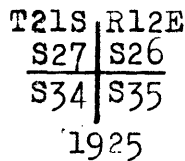
Over mountainous land, through scattering timber and undergrowth, descend 25 ft. over NW. slope. Rocky gulch, course NE., ascend 30 ft. over SE. slope. Rocky spur, slopes E., descend 30 ft. over NE. slope. Rocky gulch, course SE., ascend 440 ft. over rocky S. slope. Spur, slopes E., descend 185 ft. over N. slope. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



From which An oak, 12 ins. diam., bears S. 59 1/2° E., 130 lks. dist., marked 1/4 S35 BT An oak, 10 ins. diam., bears N. 71 1/2° W., 132 lks. dist., marked 1/4 S34 BT

48.40
52.50
57.00
63.60
78.70
80.00

Descend 100 ft. over N. slope. Gulch, course SE., ascend 225 ft. over SW. slope. Spur, slopes SE., descend 175 ft. over NE. slope. Gulch, course SE., ascend 295 ft. over NE. slope. Rocky spur, slopes SE., thence over rocky E. slope. Rocky drain, course SE., ascend 30 ft. over SW. slope. Low spur, slopes SE. Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 5 ft. base, 2 ft. high around post, for the cor. of secs. 26, 27, 34 and 35, marked on brass cap



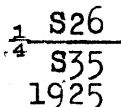
No trees available. Land, mountainous. Soil, stony, 4th rate. Timber, a few scattering oaks. Undergrowth, mesquite.

40.00
79.92

East on a random line bet. secs. 26 and 35. Set temp. 1/4 sec. cor. Fall 35 lks. S. of the cor. of secs. 25, 26, 35 and 36. Thence

19.00
39.96

S. 89°45' W. on a true line bet. secs. 26 and 35. Over mountainous land, through scattering undergrowth. Ascend 340 ft. over broken S. slope. Top of ascent, descend 335 ft. over broken S. slope. Set an iron post 3 ft. long 1 in. diam., 8 ins. in the ground, to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 3 ft. base, 2 ft. high, around post, for 1/4 sec. cor., marked on brass cap



43.70
68.00

Descend 35 ft. over W. slope. Gulch, course S., ascend 740 ft. over E. slope. Rocky peak on a spur, sloping S., descend 570 ft. over W. slope.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

77.00
79.92

Rocky gulch, course S. ascend 40 ft. over E. slope.
The cor. of secs. 26, 27, 34 and 35.
Land, mountainous.
Soil, rocky 4th rate.
No timber.
Undergrowth, mesquite & catclaw.

11.70

N. 0°01' W. bet. secs. 26 and 27.
Over mountainous land, through scattering timber and undergrowth, ascend 125 ft. over broken E. slope.
Rocky gulch, course S. 20° E., ascend 485 ft. over rocky S. slope.

23.00

Cliff 50 ft. high, bears E. and W.

24.70

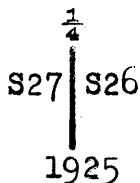
Ridge, bears NE. and SW., descend 335 ft. over broken NW. slope.

38.00

Cliff, 40 ft. high, bears E. and W.

40.00

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



From which

A mahogany, 8 ins. diam., bears N. 39° E., 149 lks. dist., marked 1/4 S26 BT

An oak, 12 ins. diam., bears S. 55° W., 19 lks. dist., marked 1/4 S27 BT

Descend 665 ft. over broken N. slope.

69.80

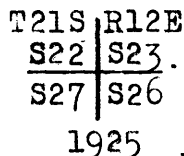
Gulch, course NE.

78.90

Wash, 20 lks. wide, in canyon, course E., ascend 10 ft.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to hard pan, raise a mound of stone 4 ft. base, 1 1/2 ft. high, around post, for the cor. of secs. 22, 23, 26 and 27, marked on brass cap



From which

An oak, 12 ins. diam., bears S. 20 1/2° E., 195 lks. dist., marked T21S R12E S26 BT

An oak, 24 ins. diam., bears S. 35° W., 163 lks. dist., marked T21S R12E S27 BT

No other suitable tree available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, a few scattering oaks

Undergrowth, oak, mahogany, ocotillo, soto & mesquite.

40.00

N. 89° 45' E. on a random line bet. secs. 23 and 26.

79.71

Set temp. 1/4 sec. cor.
Fall 5 lks. N. of the cor. of secs. 23, 24, 25 and 26.
Thence

1.90

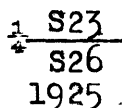
S. 89° 47' W. on a true line bet. secs. 23 and 26.
Over mountainous land, through scattering undergrowth.
Rocky gulch, course SE., ascend 350 ft. over broken NE. slope.

25.10

Rocky wash, 5 lks. wide, course NE.

39.85 1/2

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



Survey of subdivision lines in T. 21 S., R. 12 E.

chains	Ascend 250 ft. over broken NE. slope.
46.00	Cliff, 40 ft. high, bears NW. and SE.
50.00	Point of spur, slopes NE., descend 400 ft. over broken NW. slope.
57.40	Cliff, 40 ft. high, bears N. and S.
57.90	Cliff, 40 ft. high, bears N. and S.
73.30	Gulch, course N., continue rolling drains N.
74.40	Wire fence, bears NW. and SE.
78.40	Wash, 20 lks. wide, in canyon, course N. 80° E., ascend 10 ft.
79.71	The cor. of secs. 22, 23, 26 and 27. Land, mountainous. Soil, rocky, 4th rate. Timber, a few scattering oaks. Undergrowth, mesquite, ocotillo & soto.

	N. 0° 01' W., bet. secs. 22 and 23. Over mountainous land, through scattering undergrowth, ascend 95 ft. over S. slope.
12.50	Low flat spur, slopes E., descend 175 ft. over N. slope.
18.45	Trail, bears E. and W.
21.00	A sycamore grove, and Aliso Spring, bears W. about 15.00 chs. dist.
27.80	Wash, 20 lks. wide, course NE. in a canyon. Ascend 130 ft. over SE. slope.
29.60	Trail, bears NE. and SW.
40.00	Flat spur, slopes NE., set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap
	$\begin{array}{c} \frac{1}{4} \\ \\ S22 S23 \end{array}$
	1925
	Raise a mound of stone 3 ft. base, 1½ ft. high, W. of cor. Descend 60 ft. over N. slope.
50.00	Wash, 5 lks. wide, course NE., ascend 30 ft. over SE. slope.
54.85	Spur, slopes E., descend 75 ft. over N. slope.
60.10	Wash, 10 lks. wide, course E., ascend 75 ft. over S. slope.
65.80	Spur, slopes E., descend 150 ft. over N. slope.
78.60	Wash, 10 lks. wide, course NE., ascend 15 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 6 ft. base, 2 ft. high, around post, for the cor. of secs. 14, 15, 22 and 23, marked on brass cap
	$\begin{array}{cc} T21S & R12E \\ S15 & S14 \\ S22 & S23 \end{array}$
	1925
	Land, mountainous and rolling, Soil, stony, 3rd rate. No timber. Undergrowth, mesquite, palo verde & ocotillo.

	N. 89° 47' E. on a random line bet. secs. 14 and 23. Set temp. ¼ sec. cor.
40.00	Fall 2 lks. N. of the cor. of secs. 13, 14, 23 and 24. Thence
79.69	S. 89° 48' W. on a true line bet. secs. 14 and 23. Over rolling land, through scattering undergrowth, descend 55 ft. over NW. slope.
18.00	Trail, bears NE. and SW.
21.40	Wash, 30 lks. wide, course NE., ascend 160 ft. over SE. slope.
30.10	Trail, bears NE. and SW.
39.84½	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in

	chains	the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
		$\frac{1}{4}$ S14 $\frac{1}{4}$ S23 1925
		Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
		Ascend 70 ft. over S. slope.
52.50		Top of ascent, thence level land.
62.00		Descend 60 ft. over N. slope.
68.40		Trail, bears NE. and SW., foot of descend; continue over rolling land.
72.10		Trail, bears N. 80° W. and S. 80° E.
78.20		Wash, 10 lks. wide, course NE.
78.65		Wire fence, bears N. and S.
79.69		The cor. of secs. 14, 15, 22 and 23. Land, rolling. Soil, rocky, 3rd rate. No timber. Undergrowth, mesquite & ocotillo.

		N. $0^\circ 01'$ W. bet. secs. 14 and 15.
		Over rolling land, through scattering undergrowth, ascend 110 ft. over rolling land, drains E.
15.75		Flat spur, slopes E., descend 160 ft. over rolling land drains E.
40.00		Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, raise a mound of stone 4 ft. base, $1\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
		$\frac{1}{4}$ S15 S14 1925
		From which
		A mesquite, 10 ins. diam., bears N. 75° E., 365 lks. dist., marked $\frac{1}{4}$ S14 BT
		A mesquite, 12 ins. diam., bears N. 28° W., 281 lks. dist., marked $\frac{1}{4}$ S15 BT
		Descend 30 ft. over N. slope.
44.00		Wash. 20 lks. wide, course E., ascend 90 ft. over S. slope.
52.00		Top of ascent, thence level.
66.00		Descend 110 ft. over N. slope.
77.00		Wash, 10 lks. wide, course NE., ascend 10 ft. over SE. slope.
80.00		Set an iron post 3 ft. long, 2 ins. diam., 18 ins. in the ground to hard pan, raise a mound of stone 3 ft. base, 1 ft. high, around post, for the cor. of secs. 10, 11, 14 and 15, marked on brass cap
		T21S R12E S10 S11 S15 S14 1925
		Raise a mound of stone, 3 ft. base, 2 ft. high, W. of post.
		Land, rolling.
		Soil, stony, 4th rate.
		No timber.
		Undergrowth, mesquite & ocotillo.

		N. $89^\circ 48'$ E. on a random line bet. secs. 11 and 14
40.00		Set temp. $\frac{1}{4}$ sec. cor.
79.73		Fall 5 lks. S. of the cor. of secs. 11, 12, 13 and 14. Thence
		S. $89^\circ 46'$ W. on a true line bet. secs. 11 and 14.
		Over rolling land, through scattering undergrowth.
3.80		Trail, bears NE. and SW.
16.30		Wash, 30 lks. wide, course NE.
39.86 $\frac{1}{2}$		Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in

chains

	the ground to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 5 ft. base, 1½ ft. high around post, for ¼ sec. cor., marked on brass cap
	$\frac{1}{4} \frac{S11}{S14}$ 1925
46.60	Wash, 10 lks. wide, course NE.
75.20	Wash, 10 lks wide, course NE.
77.65	Wire fence, bears N. 10° E. and S. 10° W.
79.73	The cor. of secs. 10, 11, 14 and 15. Land, rolling. Soil, stony and gravelly, 3rd. rate. No timber. Undergrowth, mesquite & ocotillo.

	N. 0°01'W. bet. secs. 10 and 11. Over rolling hills, through scattering undergrowth.
11.30	Wash, 20 lks. wide, course NE.
22.40	Wash, 5 lks. wide, course E., ascend 150 ft. over S. slope.
38.90	Spur, slopes N. 70° E., descend 8 ft. over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam. 3 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base, of post, raise a mound of stone 6 ft. base, 2 ft. high, around post, for ¼ sec. cor., marked on brass cap
	$\begin{array}{c} \uparrow \\ S10 \mid S11 \\ \downarrow \end{array}$ 1925
	U.S.G.S. triangulation station on Mt. SanCayetano bears S. 53° 56'E., about 10 miles distant. Descend 250 ft. over rolling N. slope.
55.60	Wash, 10 lks. wide, course NE., continue over rolling land, drains E.
60.60	Wire fence, bears E. and W.
71.00	Descend 80 ft. over N. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 4 ft. base, 1½ ft. high, around post, for the cor. of secs. 2, 3, 10 and 11, marked on brass cap
	$\begin{array}{c} T21S \mid R12E \\ S3 \mid S2 \\ S10 \mid S11 \\ \downarrow \end{array}$ 1925
	Land, rolling. Soil, stony and gravelly, 3rd and 4th rate. No timber. Undergrowth, mesquite & ocotillo.

	N. 89°46'E. on a random line bet. secs. 2 and 11. Set temp. ¼ sec. cor.
40.00	Fall 5 lks. N. of the cor. of secs. 1, 2, 11 and 12.
79.85	Thence S. 89°48'W. on a true line bet. secs. 2 and 11. Over rolling land, through scattering undergrowth.
25.30	Wash, 20 lks. wide, course NE.
39.92½	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 3 ft. base, 1½ ft. high, around post, for the ¼ sec. cor., marked on brass cap
	$\frac{1}{4} \frac{S2}{S11}$ 1925
52.00	Wash, 10 lks. wide, course N.
70.70	Wire fence, bears N. 30° W. and S. 30° E.
79.85	The cor. of secs. 2, 3, 10 and 11.

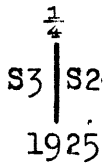
Survey of subdivision lines in T. 21 S., R. 12 E.

chains

Land, rolling.
Soil, stony, and gravelly, 3rd rate.
No timber.
Undergrowth, mesquite.

N. 0°01'W. on a true line bet. secs. 2 and 3.
Over rolling land, through scattering undergrowth.

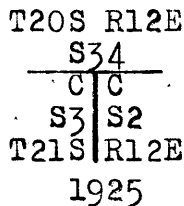
- 1.30 Wash, 5 lks. wide, course NE.
- 9.65 Wire fence, bears N.80°W. and S.80°E.
- 11.50 S. bank of arroya bears E. and W.
- 12.50 Wash, 40 lks. wide, course NE.
- 17.70 N. bank of arroya, bears E. and W.
- 20.00 Old road, bears E. and W.
- 30.80 Wash, 5 lks. wide. course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



From which
A mesquite, 9 ins. diam., bears N.40 $\frac{1}{4}$ °W., 240 lks. dist., marked $\frac{1}{4}$ S3 BT. No other suitable tree available.

- 42.00 Raise a mound of stone 3 ft. base 2 ft. high, W. of cor.
- 60.60 Low flat spur, slopes NE.,
- 72.00 Wash, 20 lks. wide, course NE.
- 83.03 Wash, 20 lks. wide, course E.

Intersect the 4th Std. Par. S., N.89°56'W., 163 lks. dist. from the Std. cor. of secs. 34 and 35, described in book "A" of this group.
At intersection set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 2 and 3, marked on brass cap



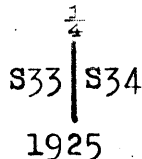
Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, rolling.
Soil, gravelly, 3rd rate.
No timber.
Undergrowth, mesquite, catclaw & palo verde.

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp., hereinbefore described.

N. 0°01'W. bet. secs. 33 and 34.
Over mountainous land, through scattering timber and undergrowth, ascend 10 ft. over S. slope:

- 3.00 Ridge bears NW. and SW., descend 220 ft. over NE. slope.
- 18.00 Head of gulch, course E., ascend 230 ft. over SE. slope.
- 39.50 Spur, slopes E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



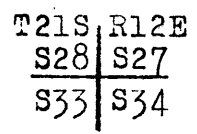
No trees available.
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence along rocky E. slope.

- 44.00 Descend 135 ft. along divide, bears N. from SW.
- 48.00 Pass in divide, ascend 100 ft. along divide.
- 60.00 Leave divide, bears NW., and a ridge bears NE., ascend 125 ft. over W. slope.
- 65.00 Point of rocky bluff, bears NW., descend 500 ft. over

Survey of subdivision lines in T. 21 S., R. 12 E.

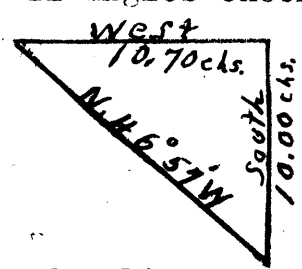
chains

80.00 broken, rocky, cliffy NE. slope.
 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 3 ft. base, 1½ ft. high, around post, for the cor. of secs. 27, 28, 33 and 34, marked on brass cap



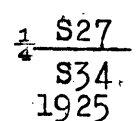
1925 No trees available.
 This cor. is near the head of a rocky drain course NE. Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering oak.
 Undergrowth, oak, & mesquite.

3.66 East on a random line bet. secs. 27 and 34.
 A rocky point; point for triangulation across box canyon, 250 ft. deep, about 5 chs. wide, course N.; set flag on E. side of canyon and leave one at this point.
 From flag on E. side of canyon; lay off base, South, 10.00 chs. dist., from S. end of base, flag on W. side of canon bears N. 46°57' W., all bearings checked by direct reading of the solar, and all angles checked by deflection:



Distance on random line - - 3.66 chs.
 Distance by triangulation - - 10.70 "

14.36 Triangulation point. Continue line and measurement by chaining.
 40.00 Set temp. ¼ sec. cor.
 80.01 Fall 16 lks. N. of the cor. of secs. 26, 27, 34 and 35.
 Thence
 N. 89°53' W. on a true line bet. secs. 27 and 34.
 Over mountainous land, through scattering timber and undergrowth, ascend 225 ft. over E. slope.
 6.30 Spur, slopes S., descend 190 ft. over W. slope.
 14.30 Gulch, course S. 15° E., ascend 185 ft. over E. slope.
 20.20 Spur, slopes S., descend 100 ft. over W. slope.
 25.70 Rocky canyon, course S., ascend 300 ft. over E. slope
 33.20 Spur, slopes SE., descend 150 ft. over broken SW. slope.
 40.00½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap



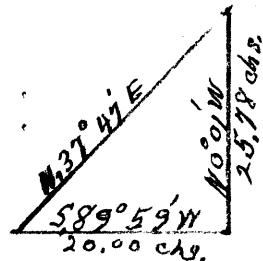
No suitable trees available, raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Descend 20 ft. over rocky SW. slope.
 40.50 Foot of descent, ascend 300 ft. over broken, rocky, cliffy, SE. slope.
 53.00 Head of rocky gulch, course SE., ascend 360 ft., over rolling rocky, cliffy E. slope.
 63.00 Ridge, bears, NE. and SW., descend 300 ft. over broken, rocky, cliffy, NW. slope.
 72.00 Rocky canyon, course N., ascend 200 ft. over broken, cliffy, NE. slope. (approximate).
 76.35 Rocky point, slopes NE., continue along N. slope.
 80.01 The cor. of secs. 27, 28, 33, and 34.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, a few scattering oaks
 Undergrowth, mesquite, oak, & catclaw.

Survey of subdivision lines in T. 21 S., R. 12 E.

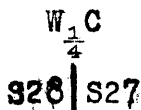
chains

N. 0°01'W. bet. secs. 27 and 28,
 Over mountainous land, through scattering timber and
 undergrowth, descend 85 ft. over rocky N. slope.
 3.30 Head of rocky canyon, course NE., ascend 50 ft. over SE.
 slope.
 7.00 Spur, bears NE.,
 7.49 Point for triangulation; over broken, rocky, cliffy, E.
 slope, set flag on rocky point on the line bet. secs.
 27 and 28 : Lay off base S.89°59'W., 20.00 chs., from
 west end of base, flag on rocky point bears N.37°47'E.
 all bearings checked by
 direct reading of the solar,
 and all angles checked by
 deflection:

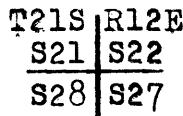
Dist. on true line - - - 7.49 chs.
 Dist, by triangulation - $\frac{25.78}{33.27}$ chs.



13.20 Head of rocky canyon, course NE. (approximate).
 33.27 Rocky point on ridge bearing NE. and SW., descend 50 ft.
 over rocky N. slope. Continue line and measurement by chaining.
 36.30 Top of cliffs, bears E. and W. ; Set an iron post, 3 ft.
 long, 1 in. diam., 26 ins. in a crevice wedged with rock,
 for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of
 cor. No suitable trees available.
 Descend 650 ft. over broken, rocky, cliffy, N. and NE.
 slope.
 40.00 True point for $\frac{1}{4}$ sec. cor., falls on sloping broken
 cliffs, unsuitable place to set cor. monument.
 61.00 Gulch, course NE., ascend 85 ft. over SE. slope.
 70.50 Low spur, slopes NE., descend 145 ft. over N. slope.
 79.55 Gulch, course E., ascend 10 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in
 the ground to bed rock, raise a mound of stone 4 ft.
 base, 2 ft. high, around post, for the cor. of secs.
 21, 22, 27 and 28, marked on brass cap



From which
 A mesquite, 4 ins. diam., bears N.36°E., 355 lks. dist.,
 marked T 21 S R 12 E S 22 B T
 An oak, 18 ins. diam., bears S.41 $\frac{1}{2}$ °E., 218 lks. dist.,
 marked T21 S R 12 E S 27 B T
 An oak, 8 ins. diam., bears S. 17°W., 86 lks. dist.,
 marked T 21 S R 12 E S 28 B T
 An oak, 14 ins. diam., bears N. 89° W., 310 lks. dist.,
 marked T 21 S R 12 E S 21 B T
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, scattering oak.
 Undergrowth, oak & mesquite.

40.00 S.89°53'E. on a random line bet. secs. 22 and 27.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Fall 21 lks. S. of the cor. of secs. 22, 23, 26 and 27.
 Thence
 S. 89°58' W. on a true line bet. secs. 22 and 27.
 Over mountainous land, through scattering timber and
 undergrowth.

Survey subdivision lines in T. 21 S. R. 12 E.

chains

6.50
9.85

Wash, 30 lks. wide, course S. 15° E.,
Same wash, course N. 15° E., ascend 435 ft. over broken SE. slope.

35.50
39.97

Ridge, bears NE. and SW., descend 70 ft. over N. slope.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 4 ft. base, 2 ft. high around post, for 1/4 sec. cor., marked on brass cap

1/4 S22
1/4 S27
1925

No suitable trees available.
Over rolling N. slope.

42.00

Gulch, course NE.

46.00

Ascend 180 ft. over NE. slope.

55.20

Spur, slopes NE., descend 150 ft. over NW. slope.

63.70

Gulch, course N., ascend 30 ft. over E. slope.

68.00

Spur, slopes N., descend 20 ft. over W. slope.

72.00

Gulch, course NE., ascend 90 ft., over SE. slope

79.94

The cor. of secs. 21, 22, 27 and 28.

Land, mountainous.

Soil, stony, 4th rate.

Timber, a few scattering oaks.

Undergrowth, oak, mesquite & catclaw.

N. 0° 01' W. bet. secs. 21 and 22.

Over mountainous land, through scattering undergrowth, ascend 70 ft. over SE. slope.

5.00

Spur, slopes E., descend 25 ft. over N. slope.

9.60

Wash, 10 lks. wide, course E., enter rolling land, drains E.

19.50

Wash, 20 lks. wide, course SE., ascend 85 ft. over S. slope.

25.50

Spur, slopes E., descend 75 ft. over N. slope.

29.40

Wash, 20 lks. wide, course E. Continue over rolling land,

31.50

Wash, 20 lks. wide, course SE., ascend 230 ft., over broken S. slope. Enter mountainous land.

40.00

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

1/4
S21 | S22

1925 No trees available.

Ascend 500 ft. over broken S. slope.

55.30

Top of cliff, 100 ft. high, bears E. and W.

64.00

Ridge, bears NE. and SW., descend 400 ft. over N. slope.

74.20

Gulch, course NW., continue along W. slope.

80.00

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

T21S | R12E
S16 | S15
S21 | S22
1925

*From which

An oak, 12 ins. diam., bears S. 44° W., 234 lks. dist., marked T 21 S R 12 E S 21 B T

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

Land, mountainous, and rolling.

Soil, stony, 4th rate.

Timber, a few scattering oaks.

Undergrowth, oak, mesquite & catclaw.

40.00

N. 89° 58' E. on a random line bet. secs. 15 and 22

79.77

Set temp. 1/4 sec. cor.

Fall 1 lk. N. of the cor. of secs. 14, 15, 22 and 23.

Survey of subdivision lines in T. 21 S., R. 12 E

chains

Thence
 S. 89°58' W. on a true line bet. secs. 15 and 22.
 Over rolling land, through scattering undergrowth.
 13.50 Wash, 10 lks. wide, course SE., ascend 230 ft. over
 rolling NE. slope.
 39.88½ Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
 the ground to hard pan, deposit a stone marked with a
 cross (X) at base of post, raise a mound of stone, 4 ft.
 base, 1½ ft. high, around post, for ¼ sec. cor., marked
 on brass cap

$$\begin{array}{c} \frac{1}{4} \text{ S15} \\ \hline \frac{1}{4} \text{ S22} \\ 1925 \end{array}$$

 Ascend 150 ft. over broken NE. slope.
 56.20 Rocky wash, 5 lks. wide, course NE., ascend 400 ft.
 over broken E. slope.
 77.30 Ridge, bears N. and S., descend 135 ft. over W. slope.
 79.77 The cor. of secs. 15, 16, 21 and 22.
 Land, mountainous and rolling.
 Soil, rocky 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, oak, & soto.

 N. 0°01' W. bet. secs. 15 and 16.
 Over mountainous land, through scattering undergrowth,
 along W. slope.
 2.60 Spur, slopes NW., descend E. slope, 170 ft.
 19.50 Spur, slopes NE., descend 350 ft. over NW. slope.
 32.00 Wash, 10 lks. wide, course NE., continue over rolling
 land, drains E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
 the ground, to hard pan, deposit a stone marked with
 a cross (X) at base of post, raise a mound of stone,
 4 ft. base, 1½ ft. high, around post, for ¼ sec. cor.,
 marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S16} \mid \text{S15} \\ 1925 \end{array}$$

 From which
 A mesquite, 5 ins. diam., bears S. 26° W., 27 lks. dist.,
 marked ¼ S 16 B T. No other tree available.
 49.00 Wash, 5 lks. wide, course E.
 53.00 Wash, 10 lks. wide, course SE., ascend 585 ft. over
 broken S. slope.
 73.20 Rocky spur, slopes E., descend 260 ft. over N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in
 the ground to bed rock, raise a mound of stone 5 ft.
 base, 2 ft. high, around post, for cor. of secs. 9, 10,
 15 and 16, marked on brass cap

$$\begin{array}{c} \text{T21S} \mid \text{R12E} \\ \hline \text{S9} \mid \text{S10} \\ \hline \text{S16} \mid \text{S15} \\ 1925 \end{array}$$

 from which
 An oak, 10 ins. diam., bears N. 51½° E., 145 lks. dist.,
 marked T 21 S R 12 E S 10 B T
 An oak, 10 ins. diam., bears N. 19½° W., 136 lks. dist.,
 marked T 21 S R 12 E S 9 B T
 No other suitable trees available.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, oak, & soto.

 N. 89°58' E. on a random line bet. secs. 10 and 15.
 40.00 Set temp. ¼ sec. cor.
 79.58 Fall 17 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

Thence
 S. 89°51' W. on a true line bet. secs. 10 and 15.
 Over rolling land, through scattering undergrowth.
 17.70 Wash, 5 lks. wide, course NE.
 28.60 Wash, 5 lks. wide, course NE.
 39.79 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in
 the ground to hard pan, deposit a stone marked with a
 cross (X) at base of post, raise a mound of stone, 3 ft.
 base, 1½ ft. high around post, for ¼ sec. cor., marked
 on brass cap

1	S10
4	S15
1925	

46.00 Wash, 3 lks. wide, course NE., ascend 565 ft. over E.
 slope.
 66.40 Spur, slopes NE., continue along rolling N. slope.
 79.58 The cor. of secs. 9, 10, 15 and 16.
 Land, rolling and mountainous.
 Soil, stony and gravelly, 3rd and 4th rate.
 No timber.
 Undergrowth, mesquite, ocotillo, palo verde & soto.

N. 0°01' W. bet. secs. 9 and 10
 Over mountainous land, through scattering undergrowth.
 Descend 375 ft. over N. and NE. slopes
 14.80 Gulch, course NE., continue over rolling E. slope.
 23.50 Gulch, course E., ascend 325 ft. over SW. slope.
 35.70 Top of cliff, 50 ft. high, bears NW. and SE., continue
 along W. slope, rolling.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap

1	S9	S10
1925		

45.80 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Stone fence, bears NW. and SE., on a spur, sloping NW.,
 descend 320 ft. over broken, cliffy, NE. slope.
 47.50 Top of a cliff, 60 ft. high, bears NW. and SE.
 49.50 Top of cliff, 40 ft. high, bears E. and W.
 53.50 Gulch, course NW., continue along W. slope.
 60.00 Descend 220 ft. over NW. slope.
 72.80 Draw, course NW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
 the ground to hard pan, raise a mound of stone, 4 ft.
 base, 1½ ft. high around post, for the cor. of secs.
 3, 4, 9, and 10, marked on brass cap

T21S	R12E
S4	S3

S9	S10
1925	

Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of
 cor.
 Land, mountainous.
 Soil, rocky 4th rate.
 No timber.
 Undergrowth, mesquite & soto.

N. 89°51' E. on a random line bet. secs. 3 and 10.
 40.00 Set temp. ¼ sec. cor.
 79.60 Fall 14 lks. S. of the cor. of secs. 2, 3, 10 and 11
 Thence
 S. 89°45' W. on a true line bet. secs. 3 and 10.
 Over rolling land, through scattering undergrowth.
 3.10 Wash, 5 lks. wide, course NE.
 22.10 Wash, 5 lks. wide, course N.
 30.90 Wash, 10 lks. wide, course NE., ascend 110 ft. over
 E. slope.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to hard pan, raise a mound of stone 3 ft. base, 1 1/4 ft. high, around post, for 1/4 sec. cor., marked on brass cap
39.80	$\frac{1}{4} \begin{array}{c} S3 \\ S10 \\ 1925 \end{array}$
	Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor. Ascend 240 ft. over rolling E. slope.
53.70	Spur, slopes N., descend 265 ft. over NW. slope.
79.60	The cor. of secs. 3, 4, 9 and 10. Land, rolling and mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, mesquite, palo verde, catclaw & ocotillo.

	N. 0°01' W., on a true line, bet. secs. 3 and 4. Over rolling land, through scattering undergrowth. descend 25 ft. over NW. slope.
2.20	Wash, 5 lks. wide, course NE., continue over rolling land.
13.10	Wash, 30 lks. wide, course E.
15.50	Wire fence, bears E. and W.
16.00	Old road, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to hard pan, raise a mound of stone, 3 ft. base, 1 1/2 ft. high, around post, for 1/4 sec. cor., marked on brass cap
	$\frac{1}{4} \begin{array}{c} S4 \\ S3 \\ 1925 \end{array}$
	From which A mesquite, 7 ins. diam., bears N. 72 1/2° E., 125 lks. dist., marked 1/4 S 3 B T A mesquite, 8 ins. diam., bears S. 4° W., 387 lks. dist., marked 1/4 S 4 B T
44.60	Wash, 5 lks. wide, course SE., ascend 130 ft. over S. slope
58.00	Spur, slopes E., descend 110 ft. over N. slope.
78.60	Wash, 5 lks. wide, course SE., continue over rolling land.
83.45	Intersect the 4th Std. Par. S., S. 89°56' W., 138 lks. dist. from the Std. cor. of secs. 33 and 34, described in book "A" of this group. At intersection, set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to hard pan, raise a mound of stone, 3 ft. base, 1 1/2 ft. high, around post, for closing cor. of secs. 3 and 4., marked on brass cap
	$\begin{array}{c} T20SR12E \\ S33 \\ \hline S4 \quad S3 \\ T21S \quad R12E \\ C \quad C \\ 1925 \end{array}$
	From which A palo verde, 8 ins. diam., bears S. 19° E., 283 lks. dist., marked T 21 S R 12 E S 3 C C B T No other suitable tree available. Land, rolling. Soil, stony and gravelly. 3rd rate. No timber. Undergrowth, mesquite, palo verde & catclaw.

	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., hereinbefore described. N. 0°02' W. bet. secs. 32 and 33. Over mountainous land, through scattering timber and undergrowth, ascend 95 ft. over SE. slope.
10.00	Flat spur, slopes SW., descend 145 ft. over rocky NW. slope.
21.50	Gulch, course SW. continue up the gulch.
32.30	Leave gulch, from NW., ascend 200ft. over S. slope.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock; deposit a stone marked with a cross (X) at base, of post, raise a mound of stone 4 ft. base, 3 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{c} \uparrow \\ S32 S33 \\ 1925 \end{array}$
	No suitable trees available.
46.50	Ascend 150 ft. over S. slope. Ridge, bears NE. and SW., descend 625 ft. over rolling broken N. slope.
71.50	Gulch, course NW., ascend 80 ft. over S. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high around post, for the cor. of secs. 28, 29, 32 and 33, marked on brass cap
	$\begin{array}{c} T21S R12E \\ S29 S28 \\ S32 S33 \\ 1925 \end{array}$
	No suitable trees available, this cor. is at the foot of a broken rocky ledge, about 100 ft. high, bears NW. and SE. Land, mountainous. Soil, stony, 4th rtae. Timber, scattering oak. Undergrowth, mesquite, catclaw, & oak.

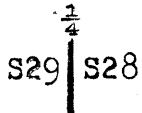
	East on a random line bet. secs. 28 and 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Fall 14 lks. N. of the cor. of secs. 27, 28, 33 and 34. Thence N. $89^{\circ}54'$ W. on a true line bet. secs. 28 and 33. Over mountainous land, through scattering timber and undergrowth, ascend 45 ft. over E. slope.
3.50	Divide, bears N. and S., descend 390 ft. over W. slope.
20.30	Gulch, course SW., continue along S. slope.
26.00	Gulch, course S., ascend 145 ft. over SE. slope.
36.00	Top of ascent, descend 40 ft. over broken S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base, of post, raise a mound of stone 3 ft. base. $1\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{c} S28 \\ \frac{1}{4} S33 \\ 1925 \end{array}$
	No suitable trees available.
41.40	Gulch, course SE., ascend 180 ft. over SE. slope.
50.00	Spur, slopes SW., descend 385 ft. over W. slope.
66.00	Gulch, course S., ascend 60 ft. over rocky S. slope.
76.00	Descend 175 ft. over broken cliffy SW. slope.
80.00	The cor. of secs. 28, 29, 32 and 33. Land, mountainous. Soil, stony 4th rate. Timber, scattering oak. Undergrowth, mesquite, catclaw, & oak.

	N. $0^{\circ}02'$ W. bet. secs. 28 and 29. Over mountainous land, through scattering timber and undergrowth, ascend 115 ft. over broken, rocky, cliffy, SW. slope.
4.00	Rocky spur, slopes W., descend 300 ft. over NW. slope.
17.00	Gulch, course W., ascend 360 ft. over S. slope.
33.25	Ridge, bears NE. and SW., descend 150 ft., over NW. slope.
39.70	Gulch, course NW.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains
40.00

Set an iron post, 3 ft. long, 1 in. diam., on surface rock, raise a mound of stone, 6 ft. base, 2½ ft. high, around post, for ¼ sec. cor., marked on brass cap



1925

From which

An oak, 10 ins. diam., bears S. 82½° E., 122 lks. dist., marked ¼ S 28 B T

An oak, 16 ins. diam., bears S. 29° W., 120 lks. dist., marked ¼ S 29 B T

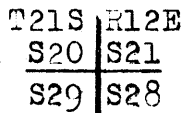
Ascend 185 ft. over rocky S. slope.

47.90 Spur, slopes W., descend 370 ft. over NW. slope.

60.00 Gulch, course SW.; trail, bears NE. and SW.; ascend 155 ft. over SE. slope.

72.25 Ridge, bears NE. and SW., descend 50 ft. over rolling land, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 6 ft. base, 2½ ft. high, around post, for the cor. of secs. 20, 21, 28 and 29, marked on brass cap



1925

No suitable trees available.

Land, mountainous.

Soil, stone 4th rate.

Timber, a few scattering oaks.

Undergrowth, mesquite, catclaw, oak.

32.20 S. 89°54' E. on a random line bet. secs. 21 and 28. To avoid cliffs, offset South 300 lks. thence S. 89°54' E. 11.60 chs., thence North 300 lks. to random line at

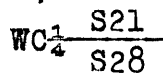
43.80 Set temp. W.C. to ¼ sec. cor.

80.20 Fall 5 lks. S. of the cor. of secs. 21, 22, 27 and 28. Thence

N. 89°56' W. on a true line bet. secs. 21 and 28.

Over mountainous land, through scattering timber and undergrowth, ascend 750 ft. over broken cliffy E. slope.

36.40 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 4 ft. base, 1½ ft. high around post, for witness cor. to ¼ sec. cor., marked on brass cap



1925

No suitable trees available.

Ascend 200 ft. over cliffs, bearing NE. and SW.

42.00 Divide, bears N. and S., low pass about 3.00 chs. S.,

Descend 400 ft. over broken, cliffy, S. and SW. slope.

40.10 True point for ¼ sec. cor. falls on sloping face of cliff. (inaccessible)

70.00 Gulch, course SW., ascend 25 ft. over SE. slope.

71.80 Spur, slopes SW., continue over rolling land, drains NW.

80.20 The cor. of secs. 20, 21 28 and 29.

Land, mountainous.

Soil, stony, 4th rate.

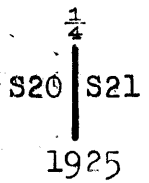
Timber, a few scattering oaks.

Undergrowth, mesquite, catclaw, oak.

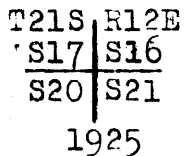
Survey of subdivision lines in T. 21 S., R. 12 E.

chains

N. 0°02' W. bet. secs. 20 and 21
 Over mountainous land, through scattering timber and undergrowth, ascend 250 ft. over rolling W. slope.
 20.00 Ridge, bears NW. and SE., descend 350 ft. over N. slope.
 31.70 Gulch, course NW., continue along rolling W. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, raise a mound of stone 6 ft. base, 2½ ft. high around post, for ¼ sec. cor., marked on brass cap

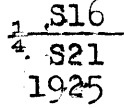


From which
 An oak, 12 ins. diam., bears S. 53½° E., 241 lks. dist., marked ¼ S 21 B T
 An oak, 10 ins. diam., bears N. 36½° W., 107 lks. dist., marked ¼ S20 B T
 44.00 Low spur, slopes NW., descend 80 ft. over N. slope.
 48.00 Gulch, course W., ascend 100 ft. over S. slope.
 61.00 Spur, slopes W., descend 60 ft. over N. slope.
 65.40 Gulch, course W., ascend 170 ft. over S. slope
 71.00 Spur, slopes W., descend 150 ft. over NW. slope.
 76.50 Gulch, course W., ascend 125 ft. over S. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs. 16, 17, 20 and 21, marked on brass cap



No suitable trees available. A. ^X chiseled on face of cliff about 6 ft. high, bears S: ^B 55½° W., 23 lks. dist.
 Raise a mound of stone, 3 ft. base, 1½ ft. high N. of cor., unsuitable place W. of cor.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, catclaw, oak, & soto.

40.00 S. 89°56' E. on a random line bet. secs. 16 and 21.
 80.05 Set temp. ¼ sec. cor.
 Fall 13 lks. N. of the cor. of secs. 15, 16, 21 and 22.
 Thence
 N. 89°51' W. on a true line bet. secs. 16 and 21.
 Over mountainous land, through scattering timber and undergrowth, descend 160 ft. over W. slope.
 4.50 Gulch, course NW., continue along N. slope.
 7.00 Gulch, course N., ascend 270 ft. over NE. slope.
 12.40 Cliff, 30 ft. high, bears NW. and SE.
 23.40 Point of spur, slopes N., continue along N. slope.
 27.40 Head. of gulch, course NE., ascend 285 ft. over NE. slope.
 36.00 Prospect hole, about 5 chs. S.
 40.02½ Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, raise a mound of stone, 3 ft. base, 1½ ft. high around post, for ¼ sec. cor., marked on brass cap



From which
 An oak, 12 ins. diam., bears S. 45½° E., 154 lks. dist., marked ¼ S 21 B T
 No other suitable tree available.
 Ascend 25 ft. over E. slope.
 41.20 Divide, bears N. and S., continue along rolling N. slope.
 44.20 Wash, 5 lks. wide, course N.
 54.00 Wash, 5 lks. wide, course N., ascend 75 ft. over E. slope.
 60.10 Spur, slopes N., descend 150 ft., over W. slope.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

73.10 Gulch, course NW., ascend 20 ft. over NE. slope.
 74.30 Spur, slopes NW., descend 120 ft., over rolling W. slope.
 80.05 The cor. of secs. 16, 17, 20 and 21.
 Land, mountainous.
 Soil, stony 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, catclaw, oak, & soto.

N. 0°02' W. bet. secs. 16 and 17.
 Over mountainous land, through scattering timber and undergrowth, ascend 45. ft. over S. slope.
 1.00 Top of ascent, continue along W. slope.
 5.00 Spur, slopes NW., descend 100 ft. over N. slope.
 10.00 Top of cliffs, 100 ft. high, bearing NW. and SE., descend 320 ft. over broken, rocky; cliffy NW. slope.
 21.60 Gulch, course SW., ascend 75 ft., over S. slope.
 30.00 Divide, bears E. and W., descend 100 ft. along rolling W. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, deposit a stone marked with a (X) at base of post, raise a mound of stone 4 ft. base, 2 ft. high around post for 1/4 sec. cor., marked on brass cap

S17 | S16
 1925

From which
 A mahogany, 8 ins. diam., bears N. 5° E., 138 lks. dist., marked 1/4 S 16 B T
 No other suitable tree available.
 Descend 190 ft. over rolling W. slope.
 60.60 Gulch, course NE., ascend 195 ft. over rolling SE. slope.
 69.20 Draw, course SE.,
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base, of post, raise a mound of stone, 4 ft. base, 2 ft. high, around post, for the cor. of secs. 8, 9, 16 and 17, marked on brass cap

T21S R12E.
 S8 | S9
 S17 | S16
 1925

No suitable trees available.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, catclaw, ocotillo, & oak.

40.00 S. 89°51' E. on a random line bet. secs; 9 and 16.
 79.84 Set temp. 1/4 sec. cor.
 Fall 5 lks. S. of the cor. of secs. 9, 10, 15 and 16, Thence
 N. 89°53' W. on a true line bet. secs. 9 and 16.
 Over mountainous land, through scattering undergrowth. Ascend 30 ft. over E. slope.
 2.20 Spur, slopes N., descend 160 ft. over W. slope.
 6.00 Head of gulch, course N., continue over rolling N. slope.
 18.40 Head of gulch, course NE., ascend 285 ft. over E. slope.
 25.60 Ridge,, bears N. and S., descend 305 ft. over SW. slope.
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base. of post, raise a mound of stone 4 ft. base, 2 ft. high, around post, for 1/4 sec. cor., marked on brass cap

S9
 1/4 S16
 1925

49.40 Descend 135 ft. over SW. slope.
 Gulch, course NW., ascend 160 ft. over E. slope.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

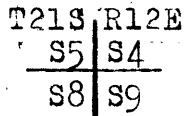
56.60 Top of hill, at N. end of spur, descend 160 ft. over W. Slope.
 63.00 Gulch, course NE., ascend 300 ft. over E. slope.
 79.84 The cor. of secs. 8, 9, 16 and 17.
 Land, mountainous.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, mesquite, soto, & ocotillo.

N. 0°02' W. bet. secs. 8 and 9.
 Over mountainous land, through scattering undergrowth.
 Spur, slopes NE., descend 410 ft. over NW. slope.
 .50 Gulch, course NE.
 17.40 Trail, bears NE. and SW., ascend 215 ft. over SE. slope.
 18.20 Spur, slopes E., descend 190 ft. over NE. slope.
 32.80 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in
 40.00 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1925

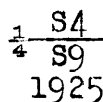
Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Descend 60 ft. over NE. slope.
 45.10 Gulch, course NW., ascend 190 ft. over rolling SW. slope.
 55.30 Point of Spur, slopes W., descend 325 ft. over rolling
 NW. slope.
 79.40 Rocky wash, 30 lks. wide, in **Fuerto Canyon**, course E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for the cor. of secs. 4, 5, 8 and 9, marked
 on brass cap



1925

From which
 A walnut, 14 ins. diam., bears N. 75° E., 81 lks. dist.,
 marked T 21 S R 12 E S 4 B T
 A mesquite, 10 ins. diam., bears S. 11° E., 128 lks.
 dist., marked T 21 S R 12 E S 9 B T
 An oak, 14 ins. diam., bears S. 50° W., 220 lks. dist.,
 marked T 21 S R 12 E S 8 B T
 A Hackberry, 8 ins. diam., bears N. 5° W., 40 lks. dist.,
 marked T 21 S R 12 E S 5 B T
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, a few scattering oak, walnut, ash, & sycamores, in
Fuerto Canyon
 Undergrowth, mesquite, hackberry, catclaw, ocotillo, soto.

40.00 S, 89°53' E. on a random line bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.84 Fall 7 lks. N. of the cor. of secs. 3, 4, 9 and 10.
 Thence
 N. 89°50' W. on a true line bet. secs. 4 and 9.
 Over rolling land, through scattering undergrowth.
 3.10 Wash, 5 lks. wide, course NE., ascend 125 ft. over E.
 slope.
 18.00 Spur, slopes NE., descend 70 ft. over NW. slope.
 27.90 Draw, course NE., ascend 60 ft. over E. slope.
 36.00 Spur, slopes N., descend 20 ft. over N. slope.
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
 the ground, to hard pan, raise a mound of stone, 3 ft.
 base, 1 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked
 on brass cap



From which

Survey of subdivision lines in T. 21 E., R. 12 E.

chains

41.50
47.00
50.40
61.00
70.00
74.00
78.50
79.84

A catclaw, 5 ins. diam., bears N. 10° E., 258 lks. dist., marked $\frac{1}{4}$ S 4 B T

A mesquite, 4 ins. diam., bears S. 52 $\frac{1}{2}$ ° E., 138 lks. dist., marked $\frac{1}{4}$ S 9 B T.

A vacant adobe house, bears N. 9° E., about 8 chs. dist. This cor. is under a wire fence, bearing NW. and SE.

A spring that flows E., bears N. 10° W., about 10 chs. dist.

Draw, course NE., ascend 80 ft. over E. slope.

Spur, slopes N., descend W. slope 80 ft.

Draw, course N., ascend 60 ft. over E. slope.

Top of ascent, continue along N. slope.

Descend NW. slope 70 ft.

Foot of descent, continue along N. slope.

Wash, 30 lks. wide, in Fuerto Canyon, course NE.

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

Land, rolling and mountainous.

Soil, stony, 4th rate.

Timber, scattering sycamore, walnut, ash, oak & cottonwood, in Fuerto Canyon.

Undergrowth, mesquite, catclaw, ocotillo, & oak.

1.70
16.00
21.40
33.70
40.00

N. 0° 02' W., on a true line, bet. secs. 4 and 5.

Over mountainous land, through scattering undergrowth.

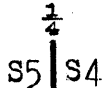
Cliff, 20 ft. high, bears NE. and SW., leave canyon, ascend 195 ft. over broken SE. slope.

Top of ascent, continue along rolling E. slope.

Draw, course SE., ascend 260 ft. over broken S. slope.

Trail, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 5 ft. base, 2 ft. high around post, for $\frac{1}{4}$ sec. cor., marked on brass cap



1925

50.60
57.00
61.00
72.00
75.10
83.23

No suitable trees available.

Ascend 180 ft. over S. slope.

Spur, slopes SE., descend 90 ft. over NE. slope.

Foot of descent, ascend 30 ft. over SE. slope.

Divide, bears NE. and SW., ascend 70 ft. over W. slope.

Divide, bears NW. and SE., descend 185 ft. over NE. slope.

Wire fence, bears E. and W.

Intersect the 4th Std. Par. S., N. 89° 56' E., 123 lks. dist. from stde cor. of secs. 32 and 33, described in book "A".

At intersection, set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground to hard pan, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 4 ft. base, 1 $\frac{1}{2}$ ft. high around post, for closing cor. of secs. 4 and 5, marked on brass cap

T20S R12E

S33

C C

S5 | S4

T21S R12E

1925

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

Land, mountainous.

Soil, stony, 4th rate.

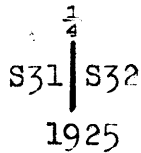
Timber, scattering walnut, ash, sycamore, oak & cottonwood, in Fuerto Canyon.

Undergrowth, mesquite, catclaw, ocotillo, hackberry & oak.

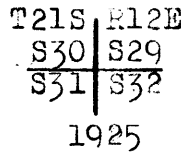
Survey of subdivision lines in T. 21 S., R. 12 E.

chains

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp.; hereinbefore described.
 N. 0°02' W. bet. secs. 31 and 32.
 Over mountainous land, through scattering timber and undergrowth, descend 70 ft. over NE. slope.
 6.00 Gulch, course N. 70° W., continue over rolling land, drains W:
 19.50 Low ridge, bears NW. and SE., descend 60 ft. over NE. slope.
 33.40 Gulch, course NW., continue over rolling W. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

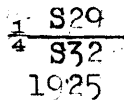


From which
 An oak, 16 ins. diam., bears N. 65° W., 67 lks. dist., marked $\frac{1}{4}$ S 31 B T
 No other suitable tree available, raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 50.00 Draw, course NW., ascend 60 ft. over SW. slope.
 53.80 Spur, slopes W., descend 60 ft. over NW. slope.
 58.40 Draw, course SW., ascend 160 ft. over SW. slope.
 73.00 Spur, slopes W., continue along rolling W. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 4 ft. base, 2 ft. high around post, for the cor. of secs. 29, 30, 31 and 32, marked on brass cap



No suitable trees available.
 Land, mountainous.
 Soil, rocky and gravelly, 3rd and 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite and oak.

East on a random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Fall 3 lks. S. of the cor. of secs. 28, 29, 32 and 33. Thence
 S. 89°59' W. on a true line bet. secs. 29 and 32.
 Over mountainous land, through scattering timber and undergrowth, descend 300 ft. over SW. slope.
 11.60 Gulch, course NW., ascend 260 ft. over NE. slope.
 26.40 Sharp rocky spur, slopes N., descend 190 ft. over NW. slope.
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, raise a mound of stone 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap



From which
 An oak, 10 ins. diam., bears N. 50° E., 60 lks. dist., marked $\frac{1}{4}$ S 29 B T
 An oak, 8 ins. diam., bears S. 15° W., 87 lks. dist., marked $\frac{1}{4}$ S 32 B T
 Descend 145 ft. over rolling NW. slope.
 45.70 Draw, course NW.
 57.50 Draw, course NW., continue along N. slope.
 63.40 Draw, course N., ascend 175 ft. over NE. slope.
 76.50 Ridge, bears NW. and SE., descend 45 ft. over SW. slope.
 80.02 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, stony and gravelly, 3rd and 4th rate.
 Timber, scattering oak.
 Undergrowth, mesquite, oak.

Survey of subdivision lines in T. 21 S., R. 12 E.

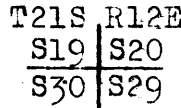
chains

	West on a true line bet. secs. 30 and 31. Over mountainous land, through scattering timber and undergrowth, descend 140 ft. over SW. slope.
13.70	Draw, course SW., ascend 30 ft. over SE. slope.
18.30	Spur, slopes SW., descend W. slope, 90 ft.
25.50	Draw, course NW., ascend 20 ft. over N. slope.
31.20	Spur, slopes NW., descend SW. slope, 80 ft.
37.20	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to hard pan, raise a mound of stone 4 ft. base, 1½ ft. high around post, for witness cor. to ¼ sec. cor., marked on brass cap
	$\begin{array}{r} \text{WC} \frac{1}{4} \text{ S30} \\ \text{S31} \\ 1925 \end{array}$
	from which An oak, 8 ins. diam., bears S. 23½° E., 188 lks. dist., marked ¼ S 31 W C B T No other tree available.
40.00	Center of gulch, course NW., unsuitable place for ¼ sec. cor., ascend 50 ft. over NE. slope.
46.50	Low ridge, bears NW. and SE., continue over rolling land drains NW. and W.
50.80	Brushy draw, course NW.
67.50	Draw, course NW.
80.20	Same draw, course SW.
83.40	Same draw, course NW.
87.00	Same draw, course SW.
87.85	Intersect the W. bdv. of the Tn., N. 0°05' E., 125 lks. dist. from the cor. of secs. 25 and 36, hereinbefore described. At intersection, set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in ground, for closing cor. of secs. 30 and 31, marked on brass cap
	$\begin{array}{r} \text{T21S} \\ \text{R11E} \text{R12E} \\ \text{S25} \frac{\text{S30}}{\text{S31}} \text{CC} \\ 1925 \end{array}$
	From which An oak, 8 ins. diam., bears N. 31½° E., 263 lks. dist., marked T 21 S R 12 E S 30 C C B T An oak, 8 ins. diam., bears S. 35¼° E., 126 lks. dist., marked T 21 S. R. 12 E S 31 C C B T Land, mountainous and rolling. Soil, stony and gravelly, 3rd to 4th rate. Timber, scattering oak and juniper. Undergrowth, mesquite, oak, & juniper.
	----- From cor. of secs. 29, 30, 31 & 32 N. 0°02' W., bet. secs. 29 and 30 Over mountainous land, through scattering timber and undergrowth, along W. slope.
3.50	Spur, slopes W., descend 255 ft. over broken rocky N. slope.
21.00	Center of wash, 1 ch. wide, in Sardine Canyon, course NW. continue over level land.
27.00	Ascend 80 ft. over SW. slope.
33.00	Spur, slopes SW., continue along W. slope.
38.30	Spur, slopes W., descend N. slope 20 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 3 ft. base, 1½ ft. high, around post, for ¼ sec. cor., marked on brass cap
	$\begin{array}{r} \text{S30} \text{S29} \\ 1925 \end{array}$
	From which An oak, 10 ins. diam., bears S. 88½° E., 370 lks. dist., marked ¼ S 29 B T No other tree available. Descend N. slope 75 ft.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

42.50 Draw, course NW., continue along W. slope.
 50.00 Draw, course W., ascend 100 ft. over rocky SW. slope:
 59.30 Rocky spur, slopes W.
 59.40 Windmill bears S. $72\frac{1}{2}^\circ$ W., about 26 chs. dist.
 Vacant house, bears S. 76° W., about 26 chs. dist.
 Descend 100 ft. over N. slope.
 65.70 Gulch, course NW., continue along rocky W. slope.
 76.00 Descend 150 ft. over NW. slope.
 79.50 Gulch, course W.,
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
 the ground to bed rock deposit a stone marked with a cross
 (X) at base of post, raise a mound of stone 4 ft. base, 2 ft.
 high, around post, for the cor. of secs. 19, 20, 29, and 30,
 marked on brass cap

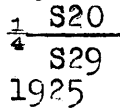


1925

From which
 An oak, 14 ins. diam., bears S. $53\frac{1}{2}^\circ$ E., 124 lks. dist.,
 marked T 21 S R 12 E S 29 B T
 An oak, 8 ins. diam., bears S. $22\frac{1}{2}^\circ$ W., 224 lks. dist.,
 marked T 21 S R 12 E S 30 B T
 No other trees available.
 Land, mountainous and rolling.
 Soil, stony, 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, oak, & catclaw.

40.00 N. $89^\circ 59'$ E. on a random line bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.,
 80.10 Fall 3 lks. S. of the cor. of secs. 20, 21, 28 and 29.
 Thence
 S. $89^\circ 58'$ W. on a true line bet. secs. 20 and 29.
 Over mountainous land, through scattering timber and
 undergrowth.

5.30 Draw, course NW.
 7.50 Descend 130 ft. over NW. slope.
 15.40 Gulch, course SW., ascend 190 ft. over SE. slope.
 25.25 Sharp spur, slopes SW., descend 105 ft. over W. slope
 33.00 Gulch, course SW., ascend 70 ft. over SE. slope.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in
 the ground, raise a mound of stone, 5 ft. base, $2\frac{1}{2}$ ft.
 high, around post; for $\frac{1}{4}$ sec. cor., marked on brass cap



1925

From which
 An oak, 8 ins. diam., bears S. $25\frac{1}{2}^\circ$ W., 91 lks. dist.,
 marked $\frac{1}{4}$ S 29 B T
 No other tree available.
 Ascend 60 ft. over E. slope.
 46.00 Spur, slopes S., descend 520 ft. over rolling
 broken cliffy SW. slope.
 74.30 Gulch, course W., from SE.
 78.00 Leave gulch, course SW.
 80.10 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling and mountainous.
 Soil, stony, 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, oak, & catclaw.

West on a true line bet. secs. 19 and 30.
 Over rolling mountainous land, through scattering timber
 and undergrowth.

7.50 Wash, 10 lks. wide, course NW.
 22.20 Wash, 50 lks. wide; in Sardina Canyon, course NW

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

40.00

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1/4 S19
S30
1925

No suitable trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Ascend 75 ft. over E. slope.

54.50

Ridge, bears N20°E. and S.20°W., descend 80 ft. over W. slope.

56.00

Draw, course NW., ascend 100 ft. over rolling N. slope.

60.00

Trail, bears NW. and SE.

74.00

Spur, slopes NW., descend 200 ft. over broken SW. slope.

87.57

Intersect the W. bdy. of the Tp., N. 0°21' W., 43 lks. dist. from the cor. of secs. 24 and 25, hereinbefore described.

At intersection, set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in ground, for closing cor. of secs. 19 and 30, marked on brass cap

T21S
R11E | R12E
S24 | S19 CC
S30
1925

From which

A mesquite, 8 ins. diam., bears N. 88 1/2° E., 54 lks. dist., marked T 21 S R 12 E S 19 C C B T

No other tree available.

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Land, rolling and mountainous.

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

Timber, a few scattering oaks.

Undergrowth, mesquite, catclaw, & oak.

From cor. of secs. 19, 20, 29 and 30.

N. 0°02' W. bet. secs. 19 and 20.

Over mountainous land, through scattering timber and undergrowth, ascend 195 ft. over broken S: slope.

5.35

Rocky spur, slopes W., descend 145 ft. over NW. slope.

13.00

Gulch, course SW., ascend 275 ft. over SW. slope.

21.00

Top of ascent, continue along W. slope.

36.00

Spur, slopes NW., descend 140 ft. over NE. slope.

40.00

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

1/4
S19 | S20
1925

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

Descend 120 ft. over NE. slope.

46.00

Draw, course NW., ascend 50 ft. over SW. slope.

58.00

Spur, slopes NW., descend 105 ft. over N. slope.

68.00

Draw, course W., ascend 50 ft. over rolling W. slope.

80.00

Low ridge, bears E. and W., set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, around post, for cor. of secs. 17, 18, 19 and 20, marked on brass cap

T21S | R12E
S18 | S17
S19 | S20

1925

No suitable trees available.

Land, mountainous and rolling.

Soil, stony 4th rate.

Timber, a few scattering oaks.

Undergrowth, mesquite, oak, & catclaw.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

40.00 N. 89° 58' E. on a random line bet. secs. 17 and 20.
 Set temp. $\frac{1}{4}$ sec. cor.,
 80.32 Fall 21 lks. N. of the cor. of secs. 16, 17, 20 and 21.
 Thence
 N. 89° 53' W. on a true line bet. secs. 17 and 20.
 Over mountainous land, through scattering timber and
 undergrowth, ascend 15 ft. over rocky S. slope.
 .60 Rocky point, slopes SW., descend .440 ft. over broken,
 cliffy W. slope.
 1.30 Top of cliff, 100 ft. high, bears SW. and N.
 12.80 Gulch, course N., ascend 125 ft. over NE. slope.
 21.60 Spur, slopes N., continue along broken cliffy N. slope.
 32.30 Spur, slopes N., descend 150 ft., over W. slope.
 40.16 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
 the ground to hard pan, deposit a stone marked with a
 cross (X) at base of post, raise a mound of stone 4 ft.
 base, $1\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked
 on brass cap

$\frac{1}{4}$ S17
 $\frac{1}{4}$ S20
 1925

No suitable trees available.
 40.90 Draw, course NW., descend 150 ft. over rolling N. slope.
 61.60 Draw, course NW., continue along rolling N. slope.
 77.00 Spur, slopes W., from NE., continue along spur.
 80.32 The cor. of secs. 17, 18, 19 and 20.
 Land, mountainous and rolling.
 Soil, stony, 4 th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, oak, & catclaw.

West on a true line bet. secs. 18 and 19.
 Over mountainous land, through scattering timber and
 undergrowth, along spur.
 3.00 Descend 135 ft. over rolling S. slope.
 20.00 Draw, course SW., continue along rolling S. slope.
 31.50 Draw, course SW.
 39.20 Wash, 40 lks. wide, in Sardina Canyon, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S18
 $\frac{1}{4}$ S19
 1925

From which
 An oak, 6 ins. diam., bears S. 44° W., 11 lks. dist.,
 marked $\frac{1}{4}$ S 19 B T
 A mesquite, 6 ins. diam., bears N. 3 $\frac{1}{4}$ ° W., 86 lks. dist.,
 marked $\frac{1}{4}$ S 18 B T
 Thence over level land.
 45.00 Ascend 165 ft. over broken NE. slope.
 57.50 Spur, slopes NE., descend 155 ft. over NW. slope.
 63.00 Draw, course NE., ascend 165 ft. over broken NE. slope.
 75.50 Ridge, bears NW. and SE., descend 100 ft. over SW. slope.
 87.96 Intersect W. bdy. of the Tp., S. 0° 13' E., 44 lks. dist.,
 from the cor. of secs. 13 and 24, hereinbefore described.
 At intersection, set an iron post, 3 ft. long, 2 ins. diam.,
 24 ins. in ground, for closing cor. of secs. 18 and 19,
 marked on brass cap

T21S
 R11E | R12E
 S24 | S18 CC
 S19
 1925

From which
 A mesquite, 6 ins. diam., bears N. 62° E., 114 lks. dist.,
 marked T 21 S R 12 E S 18 C C B T
 A mesquite, 6 ins. diam., bears S. 28° E., 148 lks. dist.,
 marked T 21 S R 12 E S 19 C C B T
 Land, mountainous and rolling.
 Soil, stony and gravelly, 3rd and 4th rate.
 Timber, a few scattering oaks.
 Undergrowth, mesquite, catclaw, & oak.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains	
	From cor. of secs. 17, 18, 19 and 20, N. $0^{\circ}02'$ W., bet. secs. 17 and 18. Over mountainous land, through scattering undergrowth. Descend 50 ft. over N. slope.
7.00	Gulch, course W., ascend 200 ft. over SW. slope.
18.65	Ridge, bears E. and W., descend 100 ft. over N. slope.
29.40	Draw, course NE., continue along E. slope.
35.00	Ascend 40 ft., over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 4 ft. base, $1\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S18 S17 1925
	This cor. is on a low ridge bearing NE. and SW., ascend 185 ft. over rocky SW. slope.
51.00	Rocky spur, slopes NW., descend 370 ft. over NW. slope.
66.00	Foot of descent, continue rolling drains W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap T21S R12E S7 S8 S18 S17 1925
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous and rolling. Soil, gravelly and stony, 3rd and 4th rate. No timber. Undergrowth, mesquite, & catclaw.
	S. $89^{\circ}53'$ E. on a random line bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.11	Fall 26 lks. S. of the cor. of secs. 8, 9, 16 and 17. Thence S. $89^{\circ}56'$ W. on a true line bet. secs. 8 and 17. Over mountainous land, through scattering timber and undergrowth, descend 350 ft. over NW. slope.
26.40	Gulch, course NE., ascend 250 ft. over SE. slope.
40.05 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bed rock, deposit a stone marked with a cross (X) at base on post, raise a mound of stone 5 ft. base, 2 ft. high around post, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S8 S17 1925
	No suitable trees available.
41.50	Ascend 75 ft. over E. slope. Ridge, bears N. and S., descend 290 ft. over broken W. slope.
67.00	Foot of descent, continue level land.
72.00	Wash, 20 lks. wide, course NW., ascend 50 ft. over NE. slope.
77.000	Rocky spur, slopes NW., descend 35 ft. over W. slope.
80.11	The cor. of secs. 7, 8, 17 and 18. Land, mountainous and rolling. Soil, stony and gravelly, 3rd and 4th rate. Timber, a few scattering oaks. Undergrowth, mesquite, catclaw, & oak.
	West on a true line bet. secs. 7 and 18. Over mountainous land, through scattering undergrowth. Descend 25 ft. over W. slope.
4.75	Wash, 30 lks. wide, course NW., ascend 145 ft. over NE. slope.
14.00	Spur, slopes N., descend 25 ft. over W. slope.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

17.00 Draw, course NW., continue along N. slope.
 23.50 Spur, slopes N., descend 120 ft. over W. slope.
 31.70 Draw, course N., ascend 125 ft. over NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S7
 S18
 1925

44.00 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of
 cor. A rocky bluff 300 ft. high, about 12 chs. SW.
 Ascend 80 ft. over NE. slope.
 53.40 Descend 70 ft. over N. slope.
 56.50 Draw, course N., ascend 40 ft. over NE. slope.
 75.00 Spur, slopes N., descend 240 ft. over SW. slope.
 85.00 Enter valley, bears NW. and SE.
 88.15 Wash, 10 lks. wide, course N. 20° W.,
 Intersect W. bdy. of the Tp., N. 0°04' W., 21 lks. dist.,
 from the cor. of secs. 12 and 13, hereinbefore described.
 At intersection set an iron post, 3 ft. long, 2 ins. diam.,
 18 ins. in the ground to hard pan, raise a mound of stone
 3 ft. base, $1\frac{1}{4}$ ft. high, around post, for closing cor. of secs 7 and 18,
 marked on brass cap

T21S
 R11E R12E.
 S12 | S7 CC
 S18
 1925

From which
 A mesquite, 8 ins. diam., bears N. 47 $\frac{1}{2}$ ° E., 161 lks.
 dist., marked T. 21 S R 12 E S 7 C C B T
 A mesquite, 8 ins. diam., bears S. 16 $\frac{1}{2}$ ° E., 100 lks.
 dist., marked T 21 S R 12 E S 18 C C B T.
 Land, mountainous and rolling.
 Soil, stony and gravelly, 3rd and 4th rate.
 No timber.
 Undergrowth, mesquite, & catclaw.

 From cor. of secs. 7, 8, 17 and 18,
 N. 0°02' W. bet. secs. 7 and 8.
 Over mountainous land, through scattering undergrowth.
 Ascend 100 ft. over SW. slope.

7.40 Rocky spur, slopes NW., descend 130 ft. over NE. slope.
 13.00 Gulch, course NW. ascend 110 ft. over SW. slope.
 23.40 Top of ascent, continue along W. slope.
 29.00 Descend 130 ft. over NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in
 the ground to hard pan, raise a mound of stone, 3 ft.
 base, $1\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor., marked
 on brass cap

$\frac{1}{4}$
 S7 | S8
 1925

43.50 Descend 10 ft. over N. slope.
 59.00 Gulch, course W., ascend 280 ft. over S. slope.
 63.00 Flat spur, slopes W., descend 185 ft. over N. slope.
 78.00 Foot of descent, continue over gently rolling land.
 80.00 Descend N. slope 25 ft.
 Set an iron post, 3 ft. long, 2 ins. diam., 2 ins. in
 the ground to bed rock, deposit a stone, marked with
 a cross (X) at base of post, raise a mound of stone,
 6 ft. base, 2 $\frac{1}{2}$ ft. high, around post, for the cor. of
 secs. 5, 6, 7 and 8, marked on brass cap

T21S R12E
 S6 | S5
 S7 | S8
 1925

Land, mountainous and rolling.
 Soil, stony, 4th rate.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

No timber.
Undergrowth, mesquite, & catclaw.

40.00 N. 89°56' E. on a random line bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.

80.00 Fall 5 lks. N. of the cor. of secs. 4, 5, 8 and 9.
Thence

S. 89°58' W. on a true line bet. secs. 5 and 8.
Over mountainous land, through scattering undergrowth.
Ascend 570 ft. over rolling E. slope.

5.00 Draw, course SE.
39.05 Set an iron post, 3 ft. long, 1 in. diam., over a cross
(X) on surface rock, raise a mound of stone, 6 ft. base,
2 $\frac{1}{2}$ ft. high around post, for witness cor. to $\frac{1}{4}$ sec. cor., marked
on brass cap

WC $\frac{1}{4}$ S5
S8
1925

40.00 True point for $\frac{1}{4}$ sec. cor. falls on sloping face of cliffs.
Impracticable to set cor.

52.70 Continue over rolling land along N. edge of rocky plateau.
Wire fence, bears N and S.

58.00 Divide, bears NE. and SW., descend 310 ft. over rolling
W. slope.

77.00 Gulch, course N. 60° W.
80.00 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous and rolling.
Soil, rocky 4th rate.
No timber.
Undergrowth, mesquite, & catclaw.

West on a true line bet. secs. 6 and 7.
Over mountainous land, through scattering undergrowth.

3.50 Draw, course N., ascend 155 ft. over NE. slope.

14.00 Top of ascent, continue along N. slope.

16.00 Descend 210 ft. over NW. slope.

26.00 Draw, course N., ascend 110 ft. over NE. slope.

36.00 Spur, slopes NW., descend 105 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground to bed rock, deposit a stone marked with a cross
(X) at base of post, for $\frac{1}{4}$ sec. cor., marked on brass
cap

$\frac{1}{4}$ S6
S7
1925

45.00 Descend 10 ft. over SW. slope.
Draw, course SW., ascend 20 ft. over SE. slope.

48.75 Spur, slopes S., descend 190 ft. over rolling W. slope.

67.00 Draw, course SW., continue over rolling land, drains W.

80.00 Descend 60 ft. over NW. slope.

88.11 Intersect the W. bdy. of the Tp., S. 0°08' E., 16 lks.
dist., from the cor. of secs. 1 and 12, hereinbefore
described.

At intersection, set an iron post, 3 ft. long, 2 ins. diam.,
26 ins. in ground for closing cor. of secs. 6 and 7, marked
on brass cap

T21S
R11E | R12E
S12 | S6 CC
S7
1925

Raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.
Land, mountainous and rolling.

Soil, rocky and gravelly 3rd and 4th rate.
No timber.

Undergrowth, mesquite, & catclaw.

From cor. of secs. 5, 6, 7 and 8

N. 0° 02' W. on a true line, bet. secs. 5 and 6.

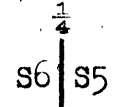
Over mountainous land, through scattering undergrowth.

Survey of subdivision lines in T. 21 S., R. 12 E.

chains

1.10
29.60
39.60
40.00

Descend 10 ft. over N. slope.
Gulch, course NW., ascend 235 ft. over broken SW. slope.
Spur, slopes W., descend 155 ft. over N. slope.
Draw, course W.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

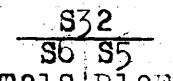


1925

46.40
57.20
79.00
82.50
83.27

Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
Ascend 150 ft. over S. slope.
Rocky spur, slopes W., descend 215 ft. over N. slope.
Gulch, course SW., ascend 370 ft. over rolling SW. slope.
Wire fence, bears E. and W.
Spur, slopes S. 70° W.
Intersect the 4th Std. Parl. S., N. 89°56' E., 150 lks. dist., from the Std. cor. of secs. 31 and 32, described in book "A" of this group.
At intersection, set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone 4 ft. base, 14 ins. high around post, for closing cor. of secs. 5 and 6, marked on brass cap,

T20S R12E



T21S R12E

C C
1925

Land, mountainous and rolling.
Soil, stony 4th rate.
No timber.
Undergrowth, mesquite & catclaw.

Final test of instruments, W. & L.E. Gurley
No. 20120 and Young & Sons. No. 8292.

December 25, 1925:
We examine the adjustments of the transits and find them correct: then to test the solar apparatus, by comparing their indications, resulting from observations made during a.m. and p.m. hours with a meridian established by Polaris observation on December 13, 1925, described in book "C" of this group, we proceed as follows:
At 9h 20m a.m., app.t., we set off 31°29 $\frac{1}{2}$ ' N. on the lat. arcs, 23°23' S. on the decl. arcs, and determine a meridian with the solar, which we find to agree within 1' of the true meridian.
At apparent noon, with the lat. arcs unchanged, we observe the sun on the meridian; the resulting reading of each decl. arc is 23°23' S., which agrees with the computed decl. of the sun.
At 3h p.m., app.t., with the lat. arcs unchanged, we set off 23°23' S. on the decl. arcs and determine a meridian with the solar, which we find to agree within 1' of the true meridian.
As all of the solar observations during the usual hours of solar work come within 1' of the true meridian, we conclude that the adjustments of the instruments were maintained satisfactorily throughout the survey.

Survey of subdivision lines in T. 21 S., R. 12 E.

General Description.

Surface: Rolling and mountainous, the eastern portion of the T. drains to the E., the western portion drains to the W., elevation is about 4500 ft. above sea level.

Soil: Gravelly and stony, 3rd and 4th rate.

Timber: Scattering oak and a few juniper on the mountains. Small clumps of sycamore, walnut, ash, cottonwood, hackberry in secs. 4, 8, and 22. The Tp. is covered with scattering mesquite and catclaw.

Mineral: There is evidence of mineral in the mountains, there are a few shallow prospect holes.

Water: There is a spring in the $SE\frac{1}{4}$ $SW\frac{1}{4}$ sec. 4 and one in the $NE\frac{1}{4}$ $SE\frac{1}{4}$ sec. 22 and a well in the $SW\frac{1}{4}$ $NE\frac{1}{4}$ sec. 30.

Settlement: None.

Improvements: An old adobe house in sec. 4. A vacant adobe house, windmill and water tanks, and well in sec. 30. There are several drift fences.

Industry: Stock grazing.

CERTIFICATE OF U.S. TRANSITMAN VEYOR.

I, Claude F. Warner, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. District Cadastral Engineer, for Group 138, Arizona, bearing date of the 24th day of September, 1925, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ~~SURVEYED~~ RESURVEYED all those parts or portions of _____ the East and West boundaries of _____ Township 21 South, Range 12 East _____ and SURVEYED all those parts or portions of _____ the North and South boundaries and Subdivision Lines of _____ Township 21 South, Range 12 East _____ of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. District Cadastral Engineer for Group 138, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Phoenix, Arizona.

April 13, 1926.

Claude F. Warner
 U. S. Transitman.

~~APPROVAL~~

~~Office of the United States Surveyor General,~~

~~19~~

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

~~executed by _____~~

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

~~U. S. Surveyor General.~~

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

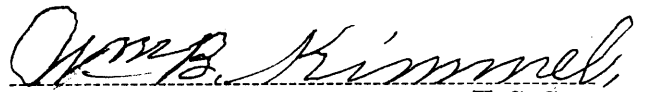
~~has been correctly copied from the original notes on file in this office.~~

~~U. S. Surveyor General.~~

CERTIFICATE OF U.S. CADASTRAL ENGINEER.

I, Wm. B. Kimmel, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. District Cadastral Engineer, for Group 138, Arizona bearing date of the 24th day of September, 1925, 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~~ **RESURVEYED** all those parts or portions of _____
the East boundary of Township 21 South, Range 12 East
and SURVEYED all those parts or portions of _____
the North boundary
and Subdivision Lines of
Township 21 South, Range 12 East of the Gila and Salt
River Base and Meridian, in the State of Arizona, which are represented in _____
and by diagram on page 1 hereof
the foregoing field notes/as having been executed by me, and under my direction; and that all the corners of ~~said resurvey~~
said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. District Cadastral Engineer for Group 138, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ~~resurvey~~
resurvey and survey.

Phoenix, Arizona, May 27, 1926.



U.S. Cadastral Engineer ~~U. S. Surveyor~~

APPROVAL.

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS, ~~GENERAL~~,

Denver, Colo., December 21, 1927

The foregoing field notes of the ~~RESURVEY~~ **RESURVEY** of the _____
East and West boundaries of Township 21 South, Range 12 East
_____ and
North and South boundaries and
Subdivision Lines of
Township 21 South, Range 12 East
of the Gila and Salt River Base & Meridian, in the State of Arizona,
executed by Wm. B. Kimmel, U.S. Cadastral Eng. & Claude F. Warner, U.S. Transitman
under his special instructions dated September 24, 1925 for Group 138, Arizona, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~RESURVEYS~~
RESURVEYS
and ~~SURVEYS~~
SURVEYS
they describe, are hereby approved.


U. S. Supervisor of Surveys ~~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.~~