

Book "E"

4-879

6678 BOOK BOOK 3799

FIELD NOTES

OF THE RESURVEY OF THE

East Boundary of Fractional Township 24 South, Range 12 East

AND OF THE SURVEY OF THE

West Boundary

and

Subdivision Lines of

Fractional Township 24 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 February 4, 1926.

Resurvey and Survey completed February 18, 1926.

3799

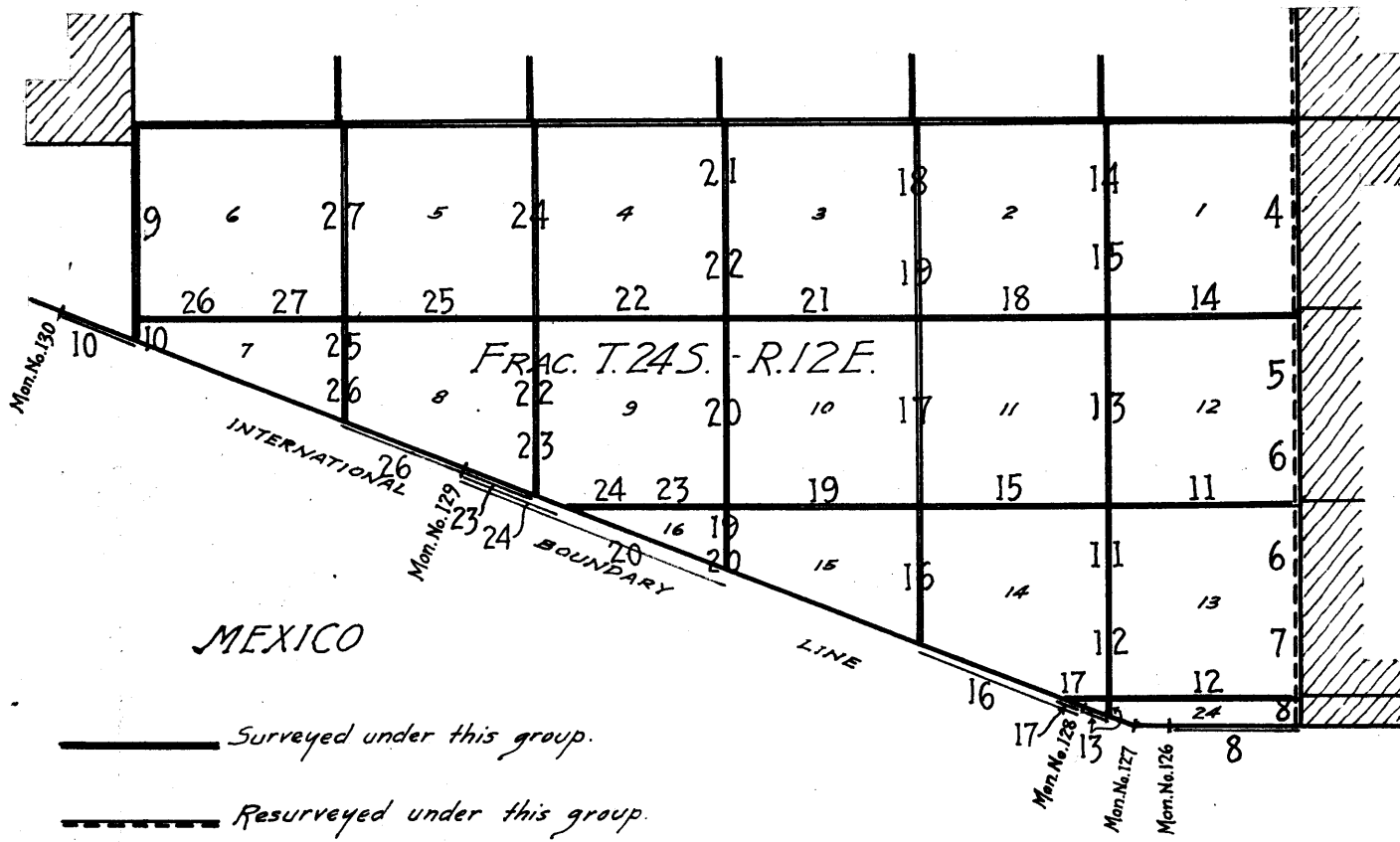
3799

INDEX DIAGRAM.

Township _____, Range _____

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

INDEX DIAGRAM

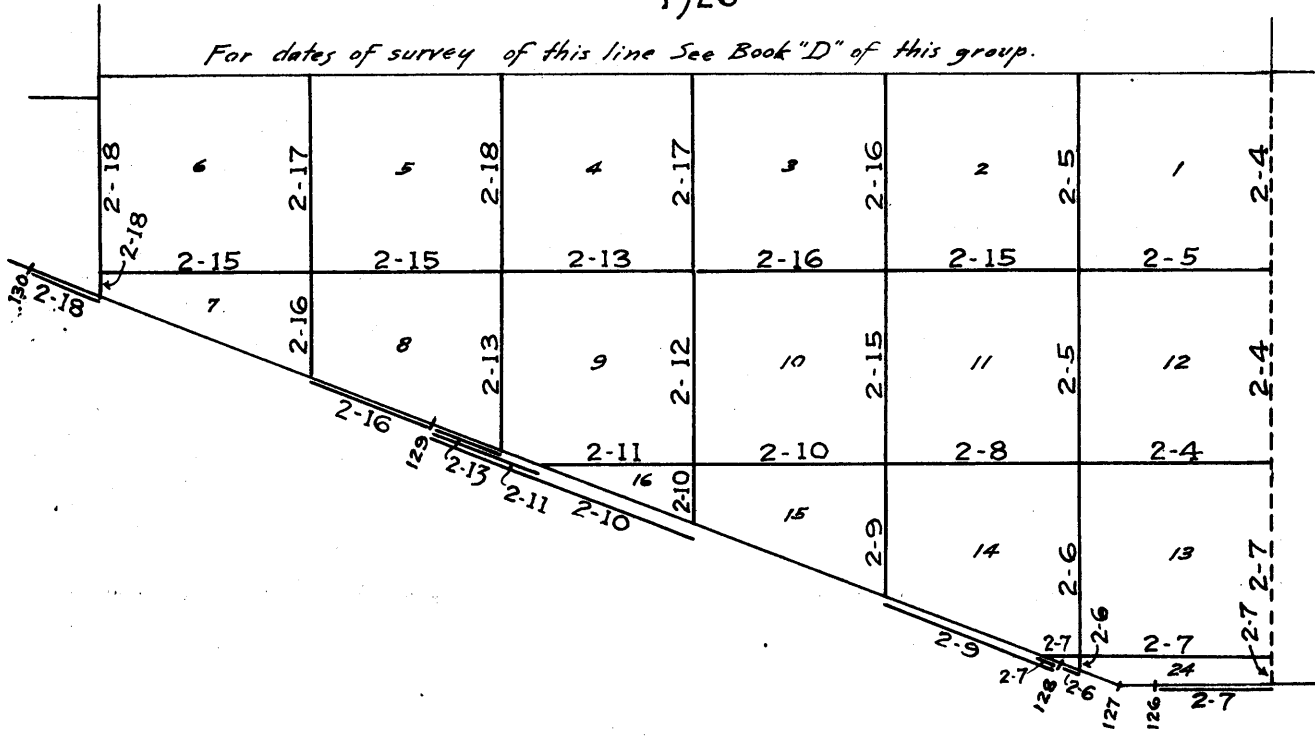


MEXICO

- Surveyed under this group.
- Resurveyed under this group.
- Accepted surveys, retracements or resurveys.
- Connections surveyed under this group.
- Areas surveyed as per accepted plats on file.

DATE DIAGRAM
1926

For dates of survey of this line See Book "D" of this group.



- 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.
- Surveyed or resurveyed under this group. Notes & dates in other books.
- Accepted surveys, retracements or resurveys.

ORIG

Resurveys and surveys herein described were executed on dates shown on diagram on page 1 hereof, by Wm.B.Kimmel, U.S.Cadastral Engineer, and Claude F.Warner, U.S.Transitman, using respectively, W. & L.E.Gurley transit No.20120 and Young & Sons transit No.8292.

Both instruments are equipped with full vertical circles and 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 transit and 1' of arc on the Young & Sons. The verniers of the vertical circles and of the solar attachments read to 1' of arc.

 Preliminary Field Test of W. & L.E.Gurley Transit 20120.

January 31, 1926;

On the meridian established by Polaris observation Jan. 16, 1926 as described in Book "C" of this group, At 9h.0m., a.m., app.t., set off 31°23'N. on the lat.arc, 17°26'S. on the decl.arc; and determine a meridian with the solar, which agrees within 1' with the true meridian. At apparent noon, with the lat.arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is 17°24'S., which agrees with the computed decl. of the sun.

At 3h.0m., p.m., app.t., with the lat.arc unchanged, set off 17°21½'S. on the decl.arc; and determine a meridian with the solar, which agrees within 1' with 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 transit is satisfactory.

 Preliminary Field Test of Young & Sons Transit 8292.

February 14, 1926.

On same meridian used for above described test; At 9h.0m., a.m., app.t., set off 31°23'N. on the lat.arc, 13° 5' S. on the decl.arc; and determine a meridian with the solar, which agrees within 1' with the true meridian. At apparent noon, with the lat.arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is 13° 3'S., which agrees with the computed decl. of the sun.

At 3h.0m., p.m., app.t., with the lat.arc unchanged, set off 13°00'S. on the decl.arc; and determine a meridian with the solar, which agrees within 1' with 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 transit is satisfactory.

 Unless otherwise specified all measurements are made with Lufkin steel tapes 5 chs.in length, compared with a Lufkin standard steel tape 1 ch.in length, and found correct. The measurements are made on the slope, vertical angles determined with transit or clinometer, and the slope measurements properly reduced to true horizontal distances for entry in the field notes. Unless otherwise specified, all azimuth determinations were accomplished with solar attachment.

Resurvey of the E., bdy. of frac. T. 24 S., R. 12 E.

chains

The E. bdy. of frac. T. 24 S., R. 12 E., was surveyed by P. Contzen, U.S.D.S., in 1899.
No retracement or resurvey of this line is of record.

Retracement for resurvey.

- From cor. of T. 23 S., R. 12 & 13 E., and frac. T. 24 S., R. 12 & 13 E., described in book "D" of this group.
- 39.86 South on a random line on the W. bdy. of sec. 6 (N. $\frac{1}{2}$)
Fall 3 lks. W. of the original $\frac{1}{4}$ sec. cor., hereinafter described.
True course and distance of the N. $\frac{1}{2}$ of W. bdy. sec. 6, are therefore S. 0°03' E., 39.86 chains.
- Thence
- 39.70 South on a random line on the W. bdy. of sec. 6 (S. $\frac{1}{2}$)
Fall 3 lks. W. of the original cor. of secs. 1, 6, 7 and 12, hereinafter described.
True course and distance of the S. $\frac{1}{2}$ of the W. bdy. sec. 6, are therefore S. 0°03' E., 39.70 chains.
-
- 38.95 South on a random line on the W. bdy. of sec. 7 (N. $\frac{1}{2}$)
Fall 4 lks. W. of the original $\frac{1}{4}$ sec. cor., hereinafter described.
True course and distance of the N. $\frac{1}{2}$ of W. bdy. sec. 7, are therefore S. 0°04' E., 38.95 chains.
- Thence
- 40.59 South on a random line on the W. bdy. of sec. 7 (S. $\frac{1}{2}$)
Fall 14 lks. W. of the original cor. of secs. 7, 12, 13 and 18, hereinafter described.
True course and distance of the S. $\frac{1}{2}$ of W. bdy. sec. 7, are therefore S. 0°12' E., 40.59 chains.
-
- 39.92 South on a random line on the W. bdy. of sec. 18 (N. $\frac{1}{2}$)
Fall 6 lks. W. of the original $\frac{1}{4}$ sec. cor., hereinafter described.
True course and distance of the N. $\frac{1}{2}$ of W. bdy. sec. 18, are therefore S. 0°05' E., 39.92 chains.
- Thence
- 40.08 South on a random line on the W., bdy. of sec. 18 (S. $\frac{1}{2}$)
Fall 7 lks. W. of the original cor. of secs. 13 & 18, and frac. secs. 19 and 24, hereinafter described.
True course and distance of the S. $\frac{1}{2}$ of W. bdy. sec. 18, are therefore S. 0°06' E., 40.08 chains.
-
- 7.95 South on a random line on the W. bdy. of frac. sec. 19
Intersect the U.S. - MEX. International Boundary Line, hereinafter described.
- 8.48 Fall 7 lks. W. of original closing cor. of frac. Tps. 24 S. Rs. 12 and 13 E., hereinafter described.
True course and distance of the W. bdy. of frac. sec. 19 are therefore S. 0°30' E., 7.95 chains.
-

Resurvey of the E. bdy. of frac. T. 24 S., R. 12 E.

chains

| | |
|-------|--|
| | From the cor. of T. 23 S., R. 12 & 13 E., and Frac. T. 24 S., R. 12 & 13 E., described in book "D" of this group. |
| | S, 0° 03' E. on a true line on the E. bdy. of sec. 1 |
| | Over mountainous land, through timber and scattering undergrowth, ascend SW. slope 10 ft. |
| 1.43 | Fence on a ridge, both bearing NE. and SW., descend SE. slope 50 ft. |
| 5.00 | Head of draw, course SE., ascend NE. slope 100 ft. |
| 13.50 | Spur, slopes E., descend S. slope 100 ft. |
| 18.45 | Draw, course SE., ascend NE. slope 80 ft. |
| 24.50 | Spur, slopes SE., descend S. slope 105 ft. |
| 30.20 | Fence, bears NW. and SE. |
| 36.30 | Wash, 5 lks. wide, course E., continue gently rolling. |
| 39.50 | Wash, 5 lks. wide, course E. |
| 39.86 | The original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, an igneous stone 8x8x10 ins. above ground, marked $\frac{1}{4}$ on W. face, witnessed by two bearing trees: An oak, 26 ins. diam., N. 17 $\frac{1}{2}$ ° E., 97 lks. dist., with scribe marks visible; An oak, 22 ins. diam., N. 33° W., 106 lks. dist., with scribe marks visible. |
| | Reconstruct this cor. monument and alter same to refer to sec. 6 only, by setting an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, alongside of the original cor. stone, for $\frac{1}{4}$ sec. cor., marked on brass cap |
| | $\frac{1}{4}$ S 6 1926 |
| | From which |
| | An oak, 12 ins. diam., bears S. 60° E., 105 lks. dist., marked $\frac{1}{4}$ S 6 B T (new BT) |
| | Remark the old NE. bearing tree $\frac{1}{4}$ S 6 B T and deface scribe marks on the old NW. bearing tree. |
| | Continue line and measurement. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 1 only, marked on brass cap |
| | $\frac{1}{4}$ S 1 1926 |
| | From which |
| | An oak, 22 ins. diam., bears N. 29° W., 119 lks. dist., marked $\frac{1}{4}$ S 1 B T |
| | An oak, 18 ins. diam., bears S. 15° W., 73 lks. dist., marked $\frac{1}{4}$ S 1 B T |
| 40.20 | Ascend NE. slope 20 ft. |
| 41.00 | Point of spur, slopes NE., descend E. slope 20 ft. |
| 44.15 | Wash, 5 lks. wide, course NE., ascend NW. slope 140 ft. |
| 52.20 | Spur, slopes NE., descend SE. slope 40 ft. |
| 57.75 | Draw, course, NE., ascend NW. slope 135 ft. |
| 68.50 | Spur, slopes NE., descend SE. slope 75 ft. |
| 75.25 | Draw, course NE., ascend NW. slope 110 ft. |
| 79.56 | The original cor. of secs. 1, 6, 7 and 12, an igneous stone, 6x6x8 ins. above ground, marked 5 notches on S. edge, and 1 notch on N. edge, witnessed by two bearing trees: An oak, 8 ins. diam., N. 14° E., 62 lks. dist., with scribe marks visible; An oak, 14 ins. diam., S. 42 $\frac{1}{2}$ ° E., 57 lks. dist., with scribe marks visible. |
| | Reconstruct this cor. monument and alter same to refer to secs. 6 and 7 only, by setting an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bed rock, alongside of the old cor. stone, raise a mound of stone 3 ft. base, 1 $\frac{1}{2}$ ft. high around post, for the cor. of secs. 6 and 7, marked on brass cap |

Resurvey of the E. bdy. of frac. T. 24 S., R. 12 E.

chains

| | |
|------|------|
| T24S | T24S |
| R12E | S6 |
| S1 | S7 |
| | R13E |

1926

Remark the old NE. bearing tree, T 24 S R 13 E S 6 B T
 Remark the old SE. bearing tree, T 24 S R 13 E S 7 B T
 Thence

80.00

S. 0°04' E. on a true line continuing measurement of E. bdy. of sec. 1

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for reestablished cor. of secs. 1 and 12 only, marked on brass cap

| | |
|------|------|
| T24S | T24S |
| S1 | R13E |
| S12 | S7 |
| R12E | |

1926

From which

An oak, 10 ins. diam., bears S. 66° W., 47 lks. dist., marked T 24 S R 12 E S 12 B T.

An oak, 19 ins. diam., bears N. 53° W., 46 lks. dist., marked T 24 S R 12 E S 1 B T

Land, mountainous.

Soil, stony, 4 th rate.

Timber, oak.

Undergrowth, oak & mesquite.

S. 0°04' E. on a true line on the E. bdy. of sec. 12
 Over mountainous land, through timber and scattering undergrowth, ascend N. slope 10 ft.

1.00

Spur, slopes E., descend S. slope 65 ft.

4.60

Draw, course E., ascend NE. slope 65 ft.

7.15

Spur, slopes E., descend SE. slope 120 ft.

13.40

Draw, course NE., ascend N. slope 120 ft.

17.90

Spur, slopes E., descend SE. slope 235 ft.

27.85

Wash, 10 lks. wide, in Calabasas Canyon, course NE., ascend N. slope 175 ft.

32.55

Trail, bears NW. and SE.

34.15

Same trail, bears NE. and SW.

34.50

Spur, slopes E., descend E. slope 30 ft.

37.20

Draw, course NE., ascend NW. slope 45 ft.

38.51

The original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, an igneous stone 10x8x8 ins. above ground, marked $\frac{1}{4}$ on W. face, witnessed by two bearing trees: An oak, 8 ins. diam., N. 59° E., 47 lks. dist., with ax marks visible; An oak, 10 ins. diam., S. 20° W., 25 lks. dist., with scribe marks visible.

Reconstruct this cor. monument and alter the same to refer to sec. 7 only, by setting an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, alongside of old cor. stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

| | |
|---------------|----|
| $\frac{1}{4}$ | S7 |
|---------------|----|

1926

From which

An oak, 6 ins. diam., bears S. 65 $\frac{1}{2}$ ° E., 10 lks. dist., marked $\frac{1}{4}$ S 7 B T

Remark the old NE. bearing tree $\frac{1}{4}$ S 7 B T and deface scribe marks on old SW. bearing tree.

Thence

S. 0°12' E. on a true line continuing measurement of E. bdy. of sec. 12.

40.00

Ascend SW. slope 40 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 12 only, marked on brass cap

Resurvey of the E. bdy. of frac. T. 24 S., R. 12 E

chains

1/4 S 12

1926

From which

An oak, 10 ins. diam., bears N. 53° W., 25 lks. dist., marked 1/4 S 12 B T

A juniper, 12 ins. diam., bears S. 45° W., 84 lks. dist., marked 1/4 S 12 B T

Ascend NW. slope 180 ft.

46.20

Spur, slopes E., descend N. slope 170 ft.

52.90

Gulch, course E., ascend NW. slope 280 ft.

63.90

Spur, slopes NE., descend SE. slope 105 ft.

73.50

Head of gulch, course NE., ascend S. slope 130 ft.

79.10

The original cor. of secs. 7, 12, 13 and 18, an igneous stone 10x10x8 ins. above ground, marked 2 notches on N. and 4 notches on S. edges, witnessed by four bearing trees; An oak, 12 ins. diam., N. 59 1/2° E., 117 lks. dist. with scribe marks visible; An oak, 6 ins. diam., S. 27° E., 73 lks. dist., with scribe marks visible; An oak, 12 ins. diam., bears S. 40 1/2° W., 62 lks. dist., with scribe marks visible; An oak, 8 ins. diam., N. 6° W., 65 lks. dist., with scribe marks visible.

Reconstruct this cor. monument and alter same to refer to secs. 7 and 18 only, by setting an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, alongside of the old cor. stone, for the cor. of secs. 7 and 18, only marked on brass cap

| | |
|------|------|
| T24S | T24S |
| S12 | S7 |
| R12E | S18 |
| | R13E |

1926

Remark the old, NE. bearing tree T 24 S R 13 E S 7 B T

Remark the old SW. bearing tree T 24 S R 13 E S 18 B T

Deface scribe marks on the old NW. and SW. bearing trees. Thence

S. 0°05' E. on a true line continuing measurement of E. bdy. of sec. 12

Ascend N. slope 10 ft.

80.00

Set an iron post, 3 ft. long 2 ins. diam., 18 ins. in the ground to bed rock, raise a mound of stone 2 ft. base, 1 ft. high around post, for reestablished cor. of secs. 12 and 13, only, marked on brass cap

| | |
|------|------|
| T24S | T24S |
| S12 | R13E |
| S13 | S18 |
| R12E | |

1926

From which

An oak, 12 ins. diam., bears S. 34 1/2° W., 104 lks. dist., marked T 24 S R 12 E S 13 B T

An oak, 8 ins. diam., bears N. 62 1/2° W., 29 lks. dist., marked T 24 S R 12 E S 12 B T

Land, mountainous.

Soil, stony 4th rate.

Timber, oak, juniper.

Undergrowth, oak & manzanita.

S. 0°05' E. on a true line on the E. bdy. of sec. 13. Over mountainous land, through timber and scattering undergrowth, ascend N. slope 30 ft.

2.10

Spur, slopes E., descend SE. slope 260 ft.

20.60

Draw, course E., ascend NE. slope 15 ft.

22.00

Descend SE. slope 70 ft.

26.80

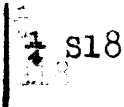
Small stream of clear water, in canyon, course NE., ascend NW. slope 140 ft.

Resurvey of the E. bdy. of frac. T. 24 S., R. 12 E.

chains
39.02

The original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, an igneous stone 12x6x8 ins. above ground marked $\frac{1}{4}$ 13 on W. and 18 on E. faces, witnessed by two bearing trees; An oak, 8 ins. diam., S. 5° E., 35 lks. dist., with scribe marks visible; A juniper, 12 ins. diam., S. 17° W., 33 lks. dist., with scribe marks visible.

Reconstruct this cor. monument and alter the same to refer to sec. 18 only, by setting an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, alongside of the old cor. stone, raise a mound of stone 2 ft. base, 1 ft. high around post, for $\frac{1}{4}$ sec. cor., marked on brass cap



1926

From which

An oak, 5 ins. diam., bears N. 70° E., 73 lks. dist., marked $\frac{1}{4}$ S 18 B T

Remark the old SE. bearing tree $\frac{1}{4}$ S 18 B T and deface scribe marks on old SW. bearing tree.

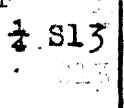
Thence

S. 0°06' E. on a true line continuing measurement E. bdy. of sec. 13.

Ascend S. slope 20 ft.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, alongside of the old cor. stone, raise a mound of stone 4 ft. base, 2 ft. high around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 13 only, marked on brass cap



1926

From which

An oak, 10 ins. diam., bears S. 22 $\frac{1}{2}$ ° W., 43 lks. dist., marked $\frac{1}{4}$ S 13 B T

An oak, 8 ins. diam., bears N. 83 $\frac{1}{2}$ ° W., 65 lks. dist., marked $\frac{1}{4}$ S 13 B T

Ascend N. slope 25 ft.

41.30

Spur, slopes NE., continue rolling drains E.

45.10

Trail, bears NW. and SE.

50.60

Spur, slopes E., descend rolling S. slope 110 ft.

62.00

Draw, course SW.

63.20

Trail, bears NE. and SW.

67.70

Same draw, course SE.

68.60

Gulch, course E., ascend N. slope 185 ft.

70.60

Trail, bears NW. and SE.

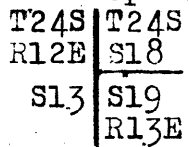
76.70

Spur, slopes E., descend S. slope 50 ft.

79.10

The original cor. of secs. 13 & 18, and frac. secs. 19 & 24, an igneous stone 10x7x5 ins. above ground, marked 3 notches on N. and S. edges, witnessed by three bearing trees; An oak, 12 ins. diam., S. 30° E., 11 lks. dist., with ax marks visible; An oak, 13 ins. diam., S. 11° W., 125 lks. dist., with ax marks visible; An oak, 12 ins. diam., N. 86° W., 72 lks. dist., with ax marks visible.

Reconstruct this cor. monument and alter same to refer to sec. 18 and frac. sec. 19 only, by setting an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, alongside of old cor. stone, raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high around post, for cor. of sec. 18 and frac. sec. 19, marked on brass cap



1926

From which

An oak, 14 ins. diam., bears N. 71 $\frac{1}{2}$ ° E., 149 lks. dist.,

Resurvey of the E. bdy. of Frac. T. 24 S., R. 12 E.

chains

marked T 24 S R 13 E S 18 B T
 Remark the old SE. bearing tree T 24 S R 13 E S 19 B T
 Thence
 S. 0°30' E. on a true line continuing measurement E. bdy.
 of sec. 13.

80.00

Descend S. slope 10 ft.
 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 reestablished cor. of sec. 13 and frac.
 sec. 24, only, marked on brass cap

| | |
|------|------|
| T24S | T24S |
| S13 | R13E |
| S24 | S19 |
| R12E | |

1926

From which

An oak, 12 ins. diam., bears S. 38° W., 41 lks. dist.,
 marked T 24 S R 12 E S 24 B T

An oak, 12 ins. diam., bears N. 37° W., 122 lks. dist.,
 marked T 24 S R 12 E S 13 B T

Land, mountainous.

Soil, stony, 4th rate.

Timber, oak, & juniper.

Undergrowth, oak, manzanita & mesquite.

S. 0°30' E. on a true line on the E. bdy. of frac. sec.
 24. Over mountainous land, through timber and scatter-
 ing undergrowth, descend rolling S. slope 50 ft.

5.50

Draw, course SE.

6.14

Intersect N. bdy. of 60 ft. International Bdy. Reserve.

At point of intersection set an iron post, 3 ft. long,
 3 ins. diam., 20 ins. in the ground to bed rock, along-
 side of which set the old C.C. stone, hereinafter desc-
 ribed, raise a mound of stone 2 ft. base, 1 ft high
 around post, for reestablished closing cor. of frac. Ts. 24 S., Rs.
 12 and 13 E., marked on brass cap

| | |
|------|------|
| T24S | |
| R12E | R13E |
| S24 | S19 |
| C | C. |

P R
1926

From which

An oak, 10 ins. diam., bears N. 19½° E., 140 lks. dist.,
 marked T 24 S R 13 E S 19 C C B T

An oak, 13 ins. diam., bears N. 38½° W., 191 lks. dist.,
 marked T 24 S R 12 E S 24 C C B T

Thence

Continuing line and measurement across Bdy. Reserve.

7.05

Intersect the U.S.- MEX. International Bdy. at a point
 55.81 chains N. 89°48' E. From Monument No. 126 thereon,
 which is an iron monument 12 ins. sq., 6 ft. high.

7.58

Intersect original closing cor. of frac. Ts. 24 S., Rs. 12
 and 13 E., an igneous stone 8x6x10 ins. above ground,
 marked CC on N., T24SR12E on W., T24SR13E on E. and
 MEX on S. faces, witnessed by two bearing trees; An oak,
 9 ins. diam., N. 9¼° E., 112 lks. dist., with scribe marks
 visible; An oak, 8 ins. diam., N. 41° W., 94 lks. dist.,
 with ax marks visible.

Remove the stone and set same alongside reestablished C.
 C. as described above. Deface all visible scribe marks
 on the old bearing trees.

Land, mountainous.

Soil, stony, 4th rate.

Timber, oak, & juniper.

Undergrowth, oak, & mesquite.

Survey of the W. bdy. of frac. T. 24 S., R. 12 E.

chains

From closing cor. of Tps 23 S., R. 12 E., & Frac. T. 24 S., R. 12 E. as described in book "D" of this group.
 South on a true line on the W. bdy. of sec. 6.
 Over mountainous land, through timber and scattering undergrowth, descend SE. slope 49 ft.
 2.50 Head of draw, course SE., ascend rolling NE. slope 90 ft.
 9.50 Ridge, bears NW. and SE.
 9.83 The cor. of Fracs T. 23 and 24 S., R. 11 E., described in book "D" of this group.
 10.03 Trail, bears NW. and SE., descend rolling SW. slope 125 ft.
 19.90 Draw, course SW., ascend NW. slope 95 ft.
 23.40 Spur, slopes SW., descend S. slope 140 ft.
 29.70 Gulch, course W., ascend N. slope 130 ft.
 36.80 Spur, slopes W., thence along W. slope.
 40.00 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, 1 1/2 ft. high around post, for 1/4 sec. cor. of sec. 6 only, marked on brass cap

1/4 S 6
 1926

From which
 An oak, 9 ins. diam., bears N. 47 1/2° E., 65 lks. dist., marked 1/4 S 6 B T
 An oak, 12 ins. diam., bears S. 26° E., 71 lks. dist., marked 1/4 S 6 B T
 42.80 Draw, course NW., ascend N. slope 305 ft.
 48.70 Spur, slopes NW., thence along W. slope.
 49.83 (40.00 chs. from cor. of Tps. 23 and 24 S., R. 11 E.)
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, raise a mound of stone 2 ft. base, 1 ft. high around post, for 1/4 sec. cor. of sec. 1 only, marked on brass cap

1/4 S 1
 1926

From which
 An oak, 10 ins. diam., bears S. 27 1/2° W., 130 lks. dist., marked 1/4 S 1 B T
 An oak, 6 ins. diam., bears N. 51 1/2° W., 35 lks. dist., marked 1/4 S 1 B T
 51.90 Draw, course NW., ascend S. slope 135 ft.
 57.50 Trail, bears NE. and SW.
 57.60 Fence on a ridge, both bearing NE. and SW., descend SE. slope 95 ft.
 62.80 Draw, course SE., ascend NE. slope 75 ft.
 72.40 Trail, bears NW. and SE.
 73.80 Ridge, bears NW. and SE., descend rolling S. slope 190 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, raise a mound of stone, 4 ft. base 1 1/2 ft. high around post, for cor. of sec. 6 and frac. sec. 7, only, marked on brass cap

T24S T24S
 R11E S6
 S1 S7
 R12E
 1926

From which
 An oak, 12 ins. diam., bears N. 59° E., 93 lks. dist., marked T 24 S R 12 E S 6 B T
 An oak, 14 ins. diam., bears S. 69° E., 73 lks. dist., marked T 24 S R 12 E S 7 B T
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, oak, mesquite & manzanita.

Survey of the W. bdy. of frac. T. 24 S., R. 12 E.

chains

3.70
6.00
8.67

South on a true line on the W. bdy. of frac. sec. 7
Over mountainous land, through scattering timber and
undergrowth, descend SE. slope 100 ft.
Gulch, course S. 15° W., thence along W. slope.
Trail, bears NE. and SW., descend S. slope 40 ft.
Intersect N. bdy. of 60 ft. International Bdy. Reserve.
At point of intersection set an iron post, 3 ft. long,
3 ins. diam., 12 ins. in the ground to bed rock, raise
a mound of stone 4 ft. base, 1½ ft. high around post,
for closing cor. of frac. Tps. 24 S., Rs. 11 and 12 E.,
marked on brass cap

T24S
R11E | R12E.
S1 | S7
C | C

P R
1926

From which

An oak, 18 ins. diam., bears S. 85° E., 176 lks. dist.,
marked T 24 S R 12 E S 7 C C B T

An oak, 12 ins. diam., bears N. 77½° W., 204 lks. dist.,
marked T 24 S R 11 E S 1 C C B T

This cor. is in mouth of old prospect tunnel.

Thence

Continue line and measurement across Bdy. Reserve.

9.13
9.64

Fence, bears N. 69° W. and S. 69° E.

Intersect the U.S. - MEX. International Bdy., at a point
32.91 chains S. 69° 23' E. From Monument No. 130 thereon,
which is an iron monument 12 ins. sq., 6 ft. high.

Land, mountainous.

Soil, stony, 4th rate.

Timber, oak.

Undergrowth, oak & mesquite.

Survey of the subdivision lines in Frac. T. 24 S., R. 12 E.

chains

From the cor. of secs. 12 and 13 on the E. bdy. of the T. hereinbefore described.
 West on auxiliary base line bet. secs. 12 and 13.
 Over mountainous land, through timber and scattering undergrowth, along rolling N. slope.
 5.80 Spur, slopes NE., descend NW. slope 255 ft.
 16.85 Gulch, course NE., ascend rolling E. slope 210 ft.
 37.80 Ridge, bears NE. & SW. Desc. NW. slope 30 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, raise a mound of stone 3 ft. base, 1 1/4 ft. high around post, for 1/4 sec. cor., marked on brass cap

1/4 S12
 1/4 S13
 1926

From which
 An oak, 5 ins. diam., bears N. 64° E., 28 lks. dist., marked 1/4 S 12 B T
 An oak, 5 ins. diam., bears S. 38° W., 43 lks. dist., marked 1/4 S 13 B T
 Descend rolling NW. slope 215 ft.
 51.85 Gulch, course NE., ascend SE. slope 170 ft.
 59.70 Spur, slopes NE., descend NW. slope 100 ft.
 62.90 Gulch, course NE., ascend rolling SE. slope 345 ft.
 78.50 Spur, slopes NE., descend W. slope 20 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11, 12 & 13, and frac. sec. 14, marked on brass cap,

T24S | R12E
 S11 | S12
 S14 | S13
 1926

From which
 An oak, 12 ins. diam., bears N. 66 1/2° E., 95 lks. dist., marked T 24 S R 12 E S 12 B T
 An oak, 8 ins. diam., bears S. 9° E., 85 lks. dist., marked T 24 S R 12 E S 13 B T
 An oak, 12 ins. diam., bears S. 41 1/2° W., 112 lks. dist., marked T 24 S R 12 E S 14 B T
 An oak, 10 ins. diam., bears N. 32 1/4° W., 97 lks. dist., marked T 24 S R 12 E S 11 B T
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak & juniper.
 Undergrowth, oak & mesquite.

S. 0°07' E., (parallel to mean bearing of E. bdy. of Frac. T. 24 S., R. 12 E., with proper convergency allowance.) bet. sec. 13 and frac. sec. 14,
 Over mountainous land, through timber and scattering undergrowth, along W. slope.
 1.10 Saddle in spur, spur sloping NE., descend SE. slope 50 ft.
 7.10 Draw, course SE., ascend E. slope 15 ft.
 11.10 Spur, slopes SE., descend S. slope 80 ft.
 14.30 Draw, course E., ascend NE. slope 30 ft.
 17.10 Spur, slopes E., descend SE. slope 80 ft.
 22.25 Gulch, course NE., ascend NW. slope 170 ft.
 29.00 Spur, slopes NE., descend SE. slope 150 ft.
 35.80 Gulch, course NE., ascend NW. slope 145 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1/4 S14 | S13
 1926

From which
 A juniper, 8 ins. diam., bears S. 30 1/2° E., 85 lks. dist., marked 1/4 S 13 B T

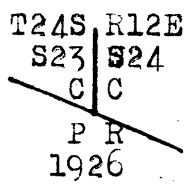
Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

| | | | | | | | |
|---------------------|---|---------------|------|---------------|-----|-----|-----|
| | <p>An oak, 11 ins. diam., bears N. $8\frac{1}{2}^{\circ}$ W., 13 lks. dist., marked $\frac{1}{4}$ S 14 B T</p> <p>Ascend NW. slope 75 ft.</p> | | | | | | |
| 43.60 | Spur, slopes E., descend SE. slope 155 ft. | | | | | | |
| 51.60 | Gulch, course NE., ascend NW. slope 120 ft. | | | | | | |
| 56.50 | Spur, slopes E., descend SE. slope 65 ft. | | | | | | |
| 62.60 | Draw, course NE., ascend N. slope 70 ft. | | | | | | |
| 63.70 | Spur, slopes NE., descend SE. slope 30 ft. | | | | | | |
| 65.30 | Draw, course NE., ascend rolling N. slope 350 ft. | | | | | | |
| 76.70 | Ridge, bears NE. & SW. Desc. SE. slope 60 ft. | | | | | | |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of sec. 13 and frac. secs. 14, 23 and 24, marked on brass cap | | | | | | |
| | <table border="1"> <tr><td>T24S</td><td>R12E</td></tr> <tr><td>S14</td><td>S13</td></tr> <tr><td>S23</td><td>S24</td></tr> </table> | T24S | R12E | S14 | S13 | S23 | S24 |
| T24S | R12E | | | | | | |
| S14 | S13 | | | | | | |
| S23 | S24 | | | | | | |
| | 1926 | | | | | | |
| | From which | | | | | | |
| | An oak, 9 ins. diam., bears N. $57\frac{1}{4}^{\circ}$ E., 125 lks. dist., marked T 24 S R 12 E S 13 B T | | | | | | |
| | An oak, 7 ins. diam., bears S. $23\frac{3}{4}^{\circ}$ E., 49 lks. dist., marked T 24 S R 12 E S 24 B T | | | | | | |
| | An oak, 12 ins. diam., bears N. 2° W., 124 lks. dist., marked T 24 S R 12 E S 14 B T | | | | | | |
| | No suitable tree available in sec. 23, raise a mound of stone, 3 ft. base; 2 ft. high W. of cor. | | | | | | |
| | Land, mountainous. | | | | | | |
| | Soil, stony, 4th rate. | | | | | | |
| | Timber, oak, & juniper. | | | | | | |
| | Undergrowth, manzanita, oak, & juniper. | | | | | | |
| | ----- | | | | | | |
| 40.00 | East on a random line bet. sec. 13 and frac, sec. 24. | | | | | | |
| 79.89 | Set temp. $\frac{1}{4}$ sec. cor. | | | | | | |
| | Fall 26 lks. N. cor. of sec. 13 and frac. sec. 24 on the E. bdy. of the T., hereinbefore described. | | | | | | |
| | Thence | | | | | | |
| | N. $89^{\circ}49'$ W. on a true line bet. sec. 13 and frac. sec. 24. | | | | | | |
| | Over mountainous land, through timber and scattering undergrowth, along S. slope. | | | | | | |
| 1.30 | Draw, course S. 20° E., ascend rolling SE. slope 185 ft. | | | | | | |
| 15.50 | Spur, slopes NE., descend NW. slope 155 ft. | | | | | | |
| 26.70 | Gulch, course NE., ascend N. slope 40 ft. | | | | | | |
| 32.30 | Bend of draw, course SE. from SW., ascend rolling SE. slope 120 ft. | | | | | | |
| 39.94 $\frac{1}{2}$ | Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, raise a mound of stone, 4 ft. base, 3 ft. high, around post, for $\frac{1}{4}$ sec. cor., marked on brass cap | | | | | | |
| | <table border="1"> <tr><td>$\frac{1}{4}$</td><td>S13</td></tr> <tr><td>$\frac{1}{4}$</td><td>S24</td></tr> </table> | $\frac{1}{4}$ | S13 | $\frac{1}{4}$ | S24 | | |
| $\frac{1}{4}$ | S13 | | | | | | |
| $\frac{1}{4}$ | S24 | | | | | | |
| | 1926 | | | | | | |
| | From which | | | | | | |
| | An oak, 11 ins. diam., bears N. $40\frac{1}{2}^{\circ}$ E., 42 lks. dist., marked $\frac{1}{4}$ S 13 B T | | | | | | |
| | An oak, 12 ins. diam., bears S. 68° W., 41 lks. dist., marked $\frac{1}{4}$ S 24 B T | | | | | | |
| | Ascend rolling SE. slope 160 ft. | | | | | | |
| 51.90 | Ridge, bears NE. & SW. Desc. NW. slope 20 ft. | | | | | | |
| 54.75 | Head of draw, course NE., ascend E. slope 25 ft. | | | | | | |
| 57.30 | Ridge, bears N. and S., descend NW. slope 190 ft. | | | | | | |
| 65.10 | Draw, course N., ascend NE. slope 20 ft. | | | | | | |
| 65.50 | Point of spur, slopes N., descend NW. slope 15 ft. | | | | | | |
| 67.40 | Draw, course NE., ascend rolling SE. slope 260 ft. | | | | | | |
| 79.89 | The cor. of sec. 13 and frac. secs. 14, 23, and 24. | | | | | | |
| | Land, mountainous. Soil, stony, 4th rate, | | | | | | |
| | Timber, oak, & juniper. | | | | | | |
| | Undergrowth, oak, & manzanita. | | | | | | |
| | ----- | | | | | | |

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

chains

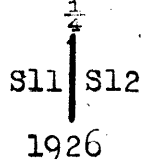
1.65 S. 0° 07' E., (Parallel to the mean bearing of the E. bdy. of fractional T. 24 S., R. 12 E., with proper convergency allowance.) on a true line bet. frac. secs. 23 and 24. Over mountainous land, through scattering timber and undergrowth, descend SE. slope 40 ft. Intersect N. bdy. of 60 ft. International Bdy. Reserve. At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, raise a mound of stone, 2 ft. base, 1 ft. high, around post, for closing cor. of fractional secs. 23 and 24. marked on brass cap



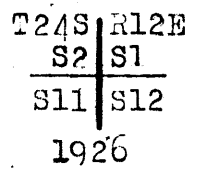
From which
 An oak, 12 ins. diam., bears N. 17½° E., 62 lks. dist., marked T 24 S R 12 E S 24 C B T
 An oak, 7 ins. diam., bears N. 55½° W., 189 lks. dist., marked T.24 S R 12 E S 23 C C B T

2.35 Thence
 2.62 Continue line and measurement across Bdy. Reserve. Descend S. slope 20 ft. Draw, course E., ascend N. slope 10 ft. Intersect the U.S. - MEX. International Bdy., at a point 6.11 chains S. 69° 20' E. From Monument No. 128 thereon, which is an iron monument 12 ins. sq. and 6 ft. high. Land, mountainous. Soil, stony, 4th rate. Timber, oak. Undergrowth, oak & catclaw.

12.90 From cor. of secs. 11, 12, & 13 and frac. sec. 14,
 18.60 N. 0° 07' W. (Parallel to mean bearing of E. bdy. of fractional T. 24 S., R. 12 E., with proper convergency allowance.) bet. secs. 11 and 12.
 24.25 Over mountainous land, through timber and scattering undergrowth, descend rolling NW. slope 380 ft. Gulch, course NE., ascend SE. slope 155 ft.
 39.00 Point of spur, slopes E., descend NE. slope 195 ft.
 39.60 Ridge, bears E. and W.
 40.00 Wash, 10 lks. wide, in canyon, course E., ascend rolling S. slope 375 ft. Trail, bears E. and W. Set an iron post, 3 ft. long, 1 in. diam., 18 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



77.90 From which
 80.00 A juniper 12 ins. diam., bears N. 12° E., 62 lks. dist., marked ¼ S 12 B T
 An oak, 12 ins. diam., bears N. 38¼° W., 63 lks. dist., marked ¼ S 11 B T
 Descend rolling W. slope 495 ft. Gulch, course NE., ascend SE. slope 45 ft. Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, raise a mound of stone, 3 ft. base, 1½ ft. high around post, for the cor. of secs. 1, 2, 11 and 12, marked on brass cap



Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

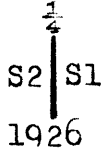
chains

| | |
|---------------------|--|
| | <p>From which An oak, 12 ins. diam., bears N. 50° E., 105 lks. dist., marked T 24 S R 12 E S 1 B T An oak, 8 ins. diam., bears S. 52° E., 49 lks. dist., marked T 24 S R 12 E S 12 B T An oak, 7 ins. diam., bears S. 16° W., 43 lks. dist., marked T 24 S R 12 E S 11 B T An oak, 12 ins. diam., bears N. 29° W., 106 lks. dist., marked T 24 S R 12 E S 2 B T Land, mountainous. Soil, stony, 4th rate. Timber, oak & juniper. Undergrowth, manzanita & oak.</p> |
| 40.00 | East on a random line bet. secs. 1 and 12 |
| 80.03 | Set temp. $\frac{1}{4}$ sec. cor. Fall 28 lks. N. of the cor. of secs. 1 and 12 on the E. bdy. of the T., hereinbefore described. |
| | Thence |
| | N. 89° 48' W. on a true line bet. secs. 1 and 12. |
| | Over mountainous land, through timber and scattering undergrowth, descend along rolling N. slope 25 ft. |
| 4.00 | Ridge, bears NW. and SW., descend W. slope 50 ft. |
| 5.80 | Draw, course NW., descend rolling N. slope 30 ft. |
| 14.00 | Point of spur, slopes NW., descend W. slope 150 ft. |
| 14.60 | Top of cliff 50 ft. high, bears N. and S. |
| 17.50 | Gulch, course N., ascend E. slope 190 ft. |
| 23.90 | Spur, slopes NE., descend W. slope 210 ft. |
| 30.20 | Gulch, course NE. ascend E. slope 250 ft. |
| 40.01 $\frac{1}{2}$ | 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. $1\frac{1}{4}$ ft. high around post, for $\frac{1}{4}$ sec. cor., marked on brass can |
| | $\frac{1}{4}$ S1 S12 1926 |
| | From which |
| | An oak, 12 ins. diam., bears S. 81° W., 159 lks. dist., marked $\frac{1}{4}$ S 12 B T |
| | An oak, 13 ins. diam., bears N. 6 $\frac{1}{4}$ ° W., 87 lks. dist., marked $\frac{1}{4}$ S 1 B T |
| | Ascend E. slope 12 ft. |
| 43.50 | Spur, slopes NE., descend NW. slope 215 ft. |
| 50.80 | Gulch, course N., ascend E. slope 150 ft. |
| 55.20 | Spur, slopes NE., descend NW. slope 95 ft. |
| 55.40 | Trail, bears NE. and SW. |
| 68.20 | Draw, course N. |
| 69.00 | Point of spur, slopes NE. |
| 71.80 | Gulch, course NE., ascend SE. slope 120 ft. |
| 80.03 | The cor. of secs. 1, 2, 11 and 12. Land, mountainous. Soil, stony, 4th rate. Timber, oak & juniper. Undergrowth, oak, mesquite & manzanita. |
| | N. 0° 07' W. (Parallel to mean bearing of E. bdy. of fractional T. 24 S., R. 12 E., with proper convergency allowance) on a random line bet. secs. 1 and 2. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 79.63 | Fall 7 lks. W. of the cor. of secs. 1 and 2 on the N. bdy. of the T., described in book "D" on this group. |
| | Thence |
| | S. 0° 04' E. on a true line bet. secs. 1 and 2. |
| | Over mountainous land, through timber and scattering undergrowth, along rolling bench. |
| 2.70 | Descend SE. slope 75 ft. |
| 6.40 | Enter valley, bears NE. and SW. |
| 12.75 | Wash, 30 lks. wide, course NE. |
| 15.07 | Fence, bears NE. and SW. |
| 15.25 | Road, bears NE. and SW. |

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

chains

16.00 Leave valley, ascend rolling NW. slope 280 ft.
 17.85 Trail, bears NE. and SW.
 19.25 Same trail, bears NE. and SW.
 19.85 Same trail, bears NW. and SE.
 32.40 Same trail, bears NE. and SW.
 32.60 Spur, slopes NE., descend SE. slope 20 ft.
 34.15 Gulch, course NE., ascend NW. slope 130 ft.
 39.63 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, raise a mound of stone 3 ft. base, 1 1/2 ft. high around post, for 1/4 sec. cor., marked on brass can



From which

An oak, 6 ins. diam., bears S. 86 1/2° E., 12 lks. dist., marked 1/4 S 1 B T

An oak, 6 ins. diam., bears S. 63° W., 27 lks. dist., marked 1/4 S 2 B T

Ascend NW. slope 10 ft.

40.50 Spur, slopes NE., ascend NE. slope 125 ft.
 48.65 Ridge, bears E. and W., descend S. slope 140 ft.
 52.85 Gulch, course E., ascend N. slope 215 ft.
 59.60 Spur, slopes E., descend S. slope 120 ft.
 65.40 Gulch, course E., ascend N. slope 90 ft.
 68.80 Spur, slopes E., descend S. slope 135 ft.
 74.25 Gulch, course E., ascend N. slope 95 ft.
 78.50 Spur, slopes E., descend S. slope 20 ft.
 79.63 The cor. of secs. 1, 2, 11 and 12.

Land, mountainous.

Soil, stony and gravelly, 2 nd to 4th rate.

Timber, oak & juniper.

Undergrowth, manzanita, oak, mesquite & catclaw.

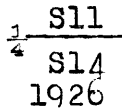
 From cor. of secs. 11, 12, 13 and frac. sec. 14,
 West on auxiliary base line bet. sec. 11 and frac. sec. 14.

Over mountainous land, through timber and scattering undergrowth, descend NW. slope 145 ft.

4.70 Gulch, course N., ascend NE. slope 40 ft.
 8.30 Point of spur, slopes N.; descend NW. slope 145 ft.
 14.40 Gulch, course NE., ascend E. slope 185 ft.
 20.60 Spur, slopes NE., descend NW. slope 255 ft.
 27.20 Wash, 10 lks. wide, in canyon, course NE., ascend NE. slope 290 ft.

38.00 Point of spur, slopes NE., thence along N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for 1/4 sec. cor., marked on brass can



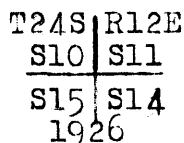
From which

A juniper, 13 ins. diam., bears North, 54 lks. dist., marked 1/4 S 11 B T

An oak, 18 ins. diam., bears S. 22° E., 21 lks. dist., marked 1/4 S 14 B T

Descend NW. slope 40 ft.

41.60 Head of gulch, course NE., ascend E. slope 220 ft.
 50.80 Ridge, bears NE. and SW., descend NW. slope 250 ft.
 58.10 Draw, course SW., descend SW. slope 240 ft.
 69.65 Gulch, course NW., ascend NE. slope 40 ft.
 75.00 Spur, slopes NW., descend W. slope 140 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10 & 11, and frac. secs. 14 and 15, marked on brass cap,



From which

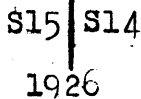
Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

chains

An oak, 14 ins. diam., bears N. 74° E., 115 lks. dist.,
 marked T 24 S R 12 E S 11 B T
 An oak, 12 ins. diam., bears S. 50° E., 126 lks. dist.,
 marked T 24 S R 12 E S 14 B T
 An oak, 12 ins. diam., bears S. 76° W., 141 lks. dist.,
 marked T 24 S R 12 E S 15 B T
 An oak, 12 ins. diam., bears N. 85° W., 74 lks. dist.,
 marked T 24 S R 12 E S 10 B T
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, oak & mesquite.

S. 0° 07' E. on a true line bet. frac. secs. 14 and 15.
 Over mountainous land, through timber and scattering
 undergrowth, along rolling W. slope.

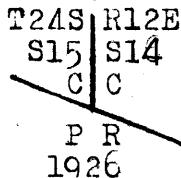
- 10.30 Ravine, 30 ft. deep, course W., ascend NW. slope 100 ft.
- 23.25 Spur, slopes W., descend rolling SW. slope 120 ft.
- 25.70 Ravine 30 ft. deep, course W.
- 31.00 Ravine 20 ft. deep, course W.
- 33.00 Ravine 30 ft. deep, course W.
- 37.20 Small stream of clear water, in gulch, course NW., ascend
 NE. slope 100 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap



From which

A juniper 6 ins. diam., bears S. 63° E., 71 lks. dist.,
 marked 1/4 S 14 B T
 A juniper, 10 ins. diam., bears N. 71 1/4° W., 40 lks. dist.,
 marked 1/4 S 15 B T
 Ascend NE. slope 215 ft.

- 47.70 Spur, slopes NW., thence along W. slope.
- 51.63 Intersect N. bdy. of 60 ft. International Bdy. Reserve.
 At point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 4 ins. in the ground to bed rock, raise a
 mound of stone 5 ft. base, 2 1/2 ft. high around post, for
 closing cor. of frac. secs. 14 and 15, marked on brass
 cap



From which

An oak, 10 ins. diam., bears N. 23° E., 110 lks. dist.,
 marked T 24 S R 12 E S 14 C C B T
 An oak, 10 ins. diam., bears N. 15° W., 72 lks. dist.,
 marked T 24 S R 12 E S 15 C C B T

- 52.60 Thence
 Continue line and measurement across Bdy. Reserve.
 Intersect the U.S. - MEX. International Bdy., at a point
 79.49 chains N. 69° 20' W. From Monument No. 128 there
 which is an iron monument 12 ins. sq., 6 ft. high.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, juniper & pine.
 Undergrowth, manzanita, oak & catclaw.

Survey of the subdivision lines in fractional T. 24 S., E. 12 E.

4.35 From cor. of sec. 13 and frac. secs. 14, 23 and 24,
 West on a true line bet. frac. secs. 14 and 23.
 Over mountainous land, through timber and scattering
 undergrowth, ascend E. slope 140 ft.
 Intersect N. bdy. of 60 ft. International Bdy. Reserve.
 At intersection, set an iron post, 3 ft. long, 2 ins.
 diam., 18 ins. in the ground to bed rock, raise a mound
 of stone, 4 ft. base, 1 1/4 ft. high around post, for
 closing cor. of frac. secs. 14 and 23. marked on brass
 cap

~~T24SR12E~~
~~C S14~~
~~PR CS23~~
 1926

From which
 An oak, 7 ins. diam., bears S. 39° W., 31 lks. dist.,
 marked T 24 S R 12 E C C B T
 An oak, 8 ins. diam., bears N. 49° W., 52 lks. dist.,
 marked T 24 S R 12 E S 14 C C B T

6.95 Thence
 Continue line and measurement across International Bdy.
 Reserve.
 Intersect U.S. - MEX. International Boundary, at a point
 1.34 chains N. 69° 20' W. From Monument No. 128 thereon
 which is an iron monument 12 ins. sq. 6 ft. high.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak.
 Undergrowth, manzanita & oak.

6.40 From cor. of secs. 10 and 11, and frac. secs. 14 and 15,
 N. 0° 07' W. bet. secs. 10 and 11
 Over mountainous land, through timber and scattering
 undergrowth, along rolling W. slope.
 9.00 Descend N. slope 40 ft.
 33.00 Gulch, course W., ascend broken SW. slope 230 ft.
 40.00 Spur, slopes W., descend NW. slope 65 ft.
 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~~
 S10 | S11
 1926

From which
 An oak, 8 ins. diam., bears S. 44 1/4° E., 86 lks. dist.,
 marked 1/4 S 11 B T
 An oak, 6 ins. diam., bears N. 85° W., 68 lks. dist.,
 marked 1/4 S 10 B T

45.00 Descend N. slope 100 ft.
 52.00 Gulch, course W., ascend SW. slope 110 ft.
 60.00 Spur, slopes W., descend NW. slope 125 ft.
 68.05 Gulch, course W., ascend S. slope 40 ft.
 Spur, slopes W., U.S. C. & G. triangulation station,
 "Nogales No. 7" bears S. 89° 25' E., descend NW. slope
 200 ft.

74.00 Gulch, course W., ascend S. slope 40 ft.
 77.60 Spur, slopes W., descend N. slope 70 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
 the ground, for cor. of secs. 2, 3, 10 and 11, marked
 on brass cap

~~T24SR12E~~
~~S3 | S2~~
 S10 | S11
 1926

From which
 An oak, 6 ins. diam., bears N. 55 1/2° E., 6 lks. dist.,
 marked T 24 S R 12 E S 2 B T
 An oak, 6 ins. diam., bears S. 66 1/2° E., 30 lks. dist.,
 marked T 24 S R 12 E S 11 B T
 An oak, 8 ins. diam., bears S. 66° W., 60 lks. dist.,

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

chains

marked T 24 S R 12 E S 10 B T
 An juniper, 16 ins. diam., bears N. 17° W., 35 lks. dist.,
 marked T 24 S R 12 E S 3 B T
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, manzanita, oak, & catclaw.

40.00 East on a random line bet. secs. 2 and 11
 80.06 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the cor. of secs. 1, 2, 11 and 12.
 Thence
 West on a true line bet. secs. 2 and 11
 Over mountainous land, through timber and scattering
 undergrowth, Ascend SE. slope 130 ft.
 7.00 Spur, slopes NE., descend NW. slope 25 ft.
 13.00 Draw, course NE., ascend rolling NE. slope 370 ft.
 21.38 U.S. C. & G., triangulation station "Nogales No. 7" bears
 S. 59° 54' W.
 37.43 Same triangulation station, bears S. 22° 38' W.
 38.50 Spur, slopes NE., descend NW. slope 10 ft.
 40.03 Set an iron post, 3 ft. long 1 in. diam., 20 ins. in
 the ground to bed rock, raise a mound of stone, 2 ft.
 base, 1 ft. high around post, for $\frac{1}{4}$ sec. cor., marked
 on brass cap

$\frac{1}{4}$ S2
 S11
 1926

From which
 An oak, 8 ins. diam., bears S. 25 $\frac{1}{2}$ ° W., 60 lks. dist.,
 marked $\frac{1}{4}$ S 11 B T
 An oak, 6 ins. diam., bears N. 40 $\frac{1}{2}$ ° W., 70 lks. dist.,
 marked $\frac{1}{4}$ S 2 B T

80.06 Descend rolling, broken NW. slope 665 ft.
 The cor. of secs. 2, 3, 10 and 11
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, mesquite, juniper & oak.

40.00 N. 0° 07' W. on a random line bet. secs. 2 and 3
 79.98 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 3 lks. E. of the cor. of secs. 2 and 3 on the N.
 bdy. of the T., described in book "D" of this group
 Thence
 S. 0° 08' E. on a true line bet. secs. 2 and 3
 Over, mountainous land, through timber and scattering
 undergrowth, ascend rolling W. slope 90 ft.
 15.00 Spur, slopes N. 10° E., descend E. slope 45 ft.
 18.00 Ravine, course N. 15° E., prospectors at work here,
 ascend rolling W. slope 355 ft.
 33.00 Prospect tunnel, about 25 lks. W.
 35.70 Ridge, bears NE. and SW., descend NE. slope 55 ft.
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
 the ground to bed rock, raise a mound of stone, 4 ft.
 base, 2 ft. high around post, for $\frac{1}{4}$ sec. cor., marked
 on brass cap

$\frac{1}{4}$
 S3 | S2
 1926

From which
 An oak, 8 ins. diam., bears S. 87° E., 94 lks. dist.,
 marked $\frac{1}{4}$ S 2 B T
 An oak, 8 ins. diam., bears S. 84° W., 87 lks. dist.,
 marked $\frac{1}{4}$ S 3 B T

51.50 Descend SE. slope 265 ft.
 57.00 Gulch, course NE., ascend N. slope 115 ft.
 Spur, slopes E., descend SE. slope 300 ft.

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

| chains | | | | | | | | | |
|--------|---|------|------|----|-----|------|-----|------|--|
| 75.00 | Walker Canyon bottom, course NE., | | | | | | | | |
| 77.30 | Ascend NW. slope 20 ft. | | | | | | | | |
| 79.98 | The cor. of secs. 2, 3, 10 and 11. Land, mountainous. Soil, stony, 4th rate. Timber, oak, & juniper. Undergrowth, mesquite, oak, & catclaw. | | | | | | | | |
| ----- | | | | | | | | | |
| | From cor. of secs. 10 and 11, and frac. secs. 14 and 15, West on auxiliary base line bet. sec. 10. and frac. sec. 15. Over mountainous land, through timber and scattering undergrowth, descend W. slope 115 ft. | | | | | | | | |
| 3.80 | Trail bears N. and S. | | | | | | | | |
| 4.00 | Wash, 10 lks. wide, in canyon, course N., ascend E. slope 520 ft. | | | | | | | | |
| 25.00 | Spur, slopes N., descend broken W. slope 470 ft. | | | | | | | | |
| 32.00 | Top of cliff, 30 ft. high, bears N. and S. | | | | | | | | |
| 38.15 | Gulch, course NW., thence along N. slope. | | | | | | | | |
| 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 1/4 ft. high around post, for 1/4 sec. cor., marked on brass cap | | | | | | | | |
| | <table border="1"> <tr><td>1</td><td>S10</td></tr> <tr><td>4</td><td>S15</td></tr> <tr><td colspan="2">1926</td></tr> </table> | 1 | S10 | 4 | S15 | 1926 | | | |
| 1 | S10 | | | | | | | | |
| 4 | S15 | | | | | | | | |
| 1926 | | | | | | | | | |
| | From which | | | | | | | | |
| | An oak, 8 ins. diam., bears S. 14 1/4° E., 43 lks. dist., marked 1/4 S 15 B T | | | | | | | | |
| | An oak, 10 ins. diam., bears N. 31° W., 136 lks. dist., marked 1/4 S 10 B T | | | | | | | | |
| | Descend NW. slope 65 ft. | | | | | | | | |
| 42.50 | Wash, 30 lks. wide, in canyon, course NE., ascend rolling E. slope 400 ft. | | | | | | | | |
| 60.06 | Spur, slopes S., U.S. C. & G., triangulation station, "Nogales No. 7" bears N. 55° 10' E., descend W. slope 65 ft. | | | | | | | | |
| 62.70 | Gulch, course S., ascend E. slope 75 ft. | | | | | | | | |
| 66.70 | Spur, slopes S., descend W. slope 50 ft. | | | | | | | | |
| 69.25 | Gulch, course S., ascend E. slope 50 ft. | | | | | | | | |
| 71.70 | Spur, slopes S., descend W. slope 140 ft. | | | | | | | | |
| 77.60 | Gulch, course S., ascend E. slope 75 ft. | | | | | | | | |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, raise a mound of stone 3 ft. base, 1 1/4 ft. high around post, for cor. of sec. 10, and frac. secs. 9, 15 and 16, marked on brass cap | | | | | | | | |
| | <table border="1"> <tr><td>T24S</td><td>R12E</td></tr> <tr><td>S9</td><td>S10</td></tr> <tr><td>S16</td><td>S15</td></tr> <tr><td colspan="2">1926</td></tr> </table> | T24S | R12E | S9 | S10 | S16 | S15 | 1926 | |
| T24S | R12E | | | | | | | | |
| S9 | S10 | | | | | | | | |
| S16 | S15 | | | | | | | | |
| 1926 | | | | | | | | | |
| | From which | | | | | | | | |
| | An oak, 9 ins. diam., bears N. 18 1/2° E., 24 lks. dist., marked T 24 S R 12 E S 10 B T | | | | | | | | |
| | An oak, 8 ins. diam., bears S. 11 1/4° E., 140 lks. dist., marked T 24 S R 12 E S 15 B T | | | | | | | | |
| | An oak, 8 ins. diam., bears S. 18° W., 72 lks. dist., marked T 24 S R 12 E S 16 B T | | | | | | | | |
| | An oak, 12 ins. diam., bears N. 50° W., 65 lks. dist., marked T 24 S R 12 E S 9 B T | | | | | | | | |
| | Land, mountainous. Soil, stony, 4th rate. Timber, oak, & juniper. Undergrowth, oak, juniper, manzanita, catclaw, & mesquite. | | | | | | | | |
| ----- | | | | | | | | | |
| | S. 0° 08' E. on a true line bet. frac. secs. 15 and 16. Over mountainous land, through timber and scattering undergrowth, along E. slope | | | | | | | | |
| 1.40 | Spur, slopes S. 15° E., descend SW. slope 180 ft. | | | | | | | | |
| 6.00 | Gulch, course SE., ascend NE. slope 70 ft. | | | | | | | | |

Survey of the subdivision lines in fractional T. 24 S. R. 12 E.

chains

8.15 Point of spur, slopes E. descend SE. slope 80 ft.
 9.75 Gulch, course E., ascend broken NW. slope 520 ft.
 20.75 Spur, slopes NE.
 21.48 Intersect N. bdy. of 60 ft. International Bdy. Reservé.
 At intersection, set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bed rock, raise a mound of stone 4 ft. base, 1 1/4 ft. high around post, for closing cor. of frac. secs. 15 and 16, marked on brass cap

| | |
|------|------|
| T24S | R12E |
| S16 | S15 |
| C | C |

P. R
1926

From which
 An oak, 10 ins. diam., bears N. 36° E., 76 lks. dist., marked T 24 S R 12 E S 15 C C B T
 An oak, 10 ins. diam., bears N. 29 1/2° W., 48 lks. dist., marked T 24 S R 12 E S 16 C C B T
 Thence
 Continue line and measurement across International Bdy. Reserve.
 21.90 Fence, bears N. 69° W. and S. 69° E.
 22.45 Intersect U.S. - MEX. International Bdy., at a point 115.05 chains S. 69° 21' E., From Monument No. 129 thereon, which is a stone monument 48 ins. sq., 10 ft. high.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, juniper & pine.
 Undergrowth, oak, manzanita, catclaw, mesquite, & juniper.

 From cor. of sec. 10, and frac. secs. 9, 15 and 16,
 N. 0° 08' W., bet. secs 10 and frac. sec. 9.
 Over mountainous land, through timber and scattering undergrowth, descend E. slope 25 ft.
 2.30 Head of gulch, course SE., ascend rolling SE. slope 265 ft.
 14.00 Spur, slopes S. 15° W., ascend W. slope 50 ft.
 21.00 Spur, slopes SE., descend NE. slope 140 ft.
 27.20 Saddle in ridge, bears NE. and SW., trail, bears NE. and SW., thence along W. slope
 34.50 Spur, slopes NW., descend N. slope 155 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for 1/4 sec. cor., marked on brass cap

| | |
|----|-----|
| S9 | S10 |
|----|-----|

1926

From which
 A juniper, 12 ins. diam., bears S. 27 1/2° E., 92 lks. dist., marked 1/4 S 10 B T
 An oak, 6 ins. diam., bears N. 28° W., 55 lks. dist., marked 1/4 S 9 B T
 Descend N. slope 90 ft.
 43.65 Gulch, course NW., ascend SW. slope 60 ft.
 46.90 Trail, bears NW. and SE.
 48.80 Spur, slopes NW., descend descend rolling NW. slope 574 ft.
 67.00 Wash, 20 lks. wide, in canyon, course N. from SW., a small stream of good water in wash.
 69.00 Leave wash, course NE.
 70.20 Wash, 5 lks. wide, course E., ascend S. slope 150 ft.
 74.70 Point of spur, slopes SE., descend NE. slope 125 ft.
 79.20 Gulch, course SE., ascend SW. slope 25 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4 and 10, and frac. sec. 9, marked on brass cap

| | |
|------|------|
| T24S | R12E |
| S4 | S3 |

| | |
|----|-----|
| S9 | S10 |
|----|-----|

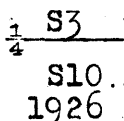
1926

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

chains

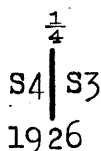
From which
 An oak, 8 ins. diam., bears N. $18\frac{3}{4}^{\circ}$ E., 34 lks. dist.,
 marked T 24 S R 12 E S 3 B T
 An oak, 12 ins. diam., bears S., 85° E., 19 lks. dist.,
 marked T 24 S R 12 E S 10 B T
 An oak, 12 ins. diam., bears S. $60\frac{1}{2}^{\circ}$ W., 28 lks. dist.,
 marked T 24 S R 12 E S 9 B T
 No suitable tree available NW., raise a mound of stone
 3 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, manzanita, mesquite, oak, & juniper.

40.00 East on a random line bet. secs. 3 and 10.
 80.16 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 19 lks. N. of the cor. of secs. 2, 3, 10 and 11
 Thence
 N. $89^{\circ} 52'$ W. on a true line bet. secs. 3 and 10.
 Over mountainous land, through timber and scattering
 undergrowth, descend NW. slope 20 ft.
 5.00 Walker Canyon bottom, course N. 70° E.
 8.00 Ascend rolling SE. slope 500 ft.
 22.00 Spur, slopes NE., descend NW. slope 175 ft.
 30.00 Gulch, course NE., ascend E. slope 230 ft.
 40.08 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground, to bed rock, 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
 An oak, 8 ins. diam., bears S. $10\frac{1}{2}^{\circ}$ W., 39 lks. dist.,
 marked $\frac{1}{4}$ S 10 B T
 An oak, 12 ins. diam., bears N. $10\frac{1}{2}^{\circ}$ W., 91 lks. dist.,
 marked $\frac{1}{4}$ S 3 B T
 Ascend E. slope 120 ft.
 44.00 Ridge, bears NE. and SW., descend rolling NW. slope 600 ft.
 63.00 Ravine course NW.
 73.00 Gulch, course NE., ascend E. slope 100 ft.
 77.00 Spur, slopes SE., descend SW. slope 70 ft.
 80.16 The cor. of secs. 3, 4 and 10, and frac. sec. 9.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, oak, mesquite & catclaw.

40.00 N. $0^{\circ} 08'$ W. on a random line bet. secs. 3 and 4
 79.70 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 9 lks. W. of the cor. of secs. 3 and 4 on the N. bdy.
 of the T., described in book "D" of this group.
 Thence
 S, $0^{\circ} 04'$ E. on a true line bet. secs. 3 and 4.
 Over mountainous land, through timber and scattering
 undergrowth, ascend rolling NW. slope 455 ft.
 13.20 Ridge, bears NE. and SW., descend SE. slope 520 ft.
 33.20 Gulch, course E., ascend N. slope 200 ft.
 39.70 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



From which
 An oak, 6 ins. diam., bears N. $58\frac{1}{2}^{\circ}$ E., 26 lks. dist.,
 marked $\frac{1}{4}$ S 3 B T
 An oak, 8 ins. diam., bears N. 86° W., 22 lks. dist.,

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

Chains

marked $\frac{1}{4}$ S 4 B T
 Ascend N. slope 225 ft.
 45.70 Trail, bears NE. and SW., on a spur, sloping NE., descend SE. slope 460 ft.
 63.00 Gulch, course E., ascend NE. slope 210 ft.
 67.70 Spur, bears E., descend SW. slope 190 ft.
 79.70 The cor. of secs. 3, 4 and 10, and frac. sec. 9.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, oak, juniper & mesquite.

 West on auxiliary base line bet. sec. 4 and frac. sec. 9.
 Over mountainous land, through timber and scattering undergrowth, along S. slope.
 2.10 Enter Gulch, course SE., thence up gulch.
 4.40 Leave gulch, from SW.; ascend broken SE. slope. 260 ft.
 13.50 Spur, slopes SE. thence along rolling, broken S. slope.
 31.00 Gulch, course SE., ascend broken, cliffy, NE. slope 300 ft.
 40.00 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

$\frac{1}{4}$ S4
 S9
 1926.

From which
 A juniper, 12 ins. diam., bears N. $83\frac{1}{2}^\circ$ E., 30 lks. dist., marked $\frac{1}{4}$ S 4 B T
 A juniper, 10 ins. diam., bears S. $81\frac{1}{4}^\circ$ E., 40 lks. dist., marked $\frac{1}{4}$ S 9 B T
 Ascend broken, NE. slope 70 ft.
 42.70 Spur, slopes SE., thence along S. slope
 47.70 Head of draw, course SE., ascend E. slope 120 ft.
 51.60 Ridge, bears NE. and SW., descend W. slope 75 ft.
 56.50 Head of draw, course NW., thence along rolling N. slope.
 63.00 Spur, slopes NW., descend SW. slope 400 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, 5 ft. base, 2 ft. high around post, for cor. of secs. 4 and 5, and frac. secs. 8 and 9, marked on brass cap

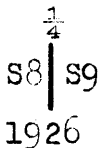
T24S | R12E
 S5 | S4
 S8 | S9
 1926

From which
 An oak, 6 ins. diam., bears N. 86° E., 102 lks. dist., marked T 24 S R 12 E S 4 B T
 A juniper, 12 ins. diam., bears S. $57\frac{1}{2}^\circ$ E., 147 lks. dist., marked T 24 S R 12 E S 9 B T
 A juniper, 12 ins. diam., bears S. $16\frac{1}{4}^\circ$ W., 218 lks. dist., marked T 24 S R 12 E S 8 B T
 An oak, 10 ins. diam., bears N. 25° W., 145 lks. dist., marked T 24 S R 12 E S 5 B T
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, oak, manzanita & catclaw.

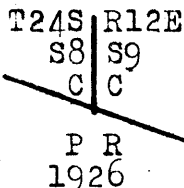
 S. $0^\circ 08'$ E. on a true line bet. frac. secs. 8 and 9
 Over mountainous land, through timber and scattering undergrowth, descend SW. slope 40 ft.
 2.50 Gulch, course NW., ascend N. slope 200 ft.
 9.00 Point of spur, slopes NW., descend SW. slope 120 ft.
 17.10 Gulch, course NW., ascend NE. slope 120 ft.
 21.00 Spur, slopes NW., thence along rolling W. slope
 34.00 Head of gulch, course NW., ascend N. slope 220 ft.
 40.00 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

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

chains

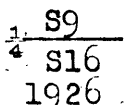


From which
 An oak, 12 ins. diam., bears S. 61° E., 29 lks. dist.,
 marked $\frac{1}{4}$ S 9 B T
 A juniper, 8 ins. diam., bears N. 50° W., 29 lks. dist.,
 marked $\frac{1}{4}$ S 8 B T
 Ascend NW. slope 55 ft.
 Trail, bears NE. and SW.
 Ridge, bears NE. and SW., descend SE. slope 190 ft.
 Gulch, course E., ascend N. slope 65 ft.
 Spur, slopes E., descend S. slope 220 ft.
 Gulch, course E., ascend N. slope 65 ft.
 Spur, slopes E., descend SE. slope 150 ft.
 Gulch, course NE., a small stream of good water in gulch,
 ascend NW. slope 130 ft.
 71.62 Intersect N. bdy. of 60 ft. International Bdy. Reserve.
 At intersection, set an iron post, 3 ft. long, 2 ins. diam.,
 24 ins. in the ground, for closing cor. of frac. secs.
 8 and 9, marked on brass cap



From which
 A juniper, 8 ins. diam., bears N. 67° E., 90 lks. dist.,
 marked T 24 S R 12 E S 9 C C B T
 An oak, 11 ins. diam., bears N. 29° W., 46 lks. dist.,
 marked T 24 S R 12 E S 8 C C B T
 Thence
 Continue line and measurement across International Bdy.
 Reserve, ascend NW. slope 30 ft.
 72.15 Fence, bears N. 69° W. and S. 69° E.
 72.59 Intersect U.S. - MEX. International Bdy., at a point
 29.53 chains S. 69° 22' E. From Monument No. 129
 thereon, which is a stone post, 48 ins. sq., 10 ft. high.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak & juniper.
 Undergrowth, oak, manzanita, & catclaw.

From cor. of sec. 10, and frac. secs. 9, 15 and 16,
 West on a true line bet. frac. secs. 9 and 16.
 Over mountainous land, through timber and scattering
 undergrowth, ascend E. slope 10 ft.
 .70 Spur, slopes S., descend SW. slope 125 ft.
 6.90 Gulch, course SE., ascend E. slope 250 ft.
 15.60 Spur, slopes SE., descend SW. slope 65 ft.
 20.10 Gulch, course SE., ascend E. slope 210 ft.
 31.00 Spur, slopes SE., descend SW. slope 40 ft.
 38.10 Draw, course SE., ascend E. slope 30 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the
 ground to bed rock, 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, 12 ins. diam., bears N. 60° E., 131 lks. dist.,
 marked $\frac{1}{4}$ S 9 B T
 An oak, 8 ins. diam., bears S. 62 $\frac{1}{2}$ ° E., 58 lks. dist.,
 marked $\frac{1}{4}$ S 16 B T
 Ascend E. slope 25 ft.
 41.50 Spur, slopes SE., descend SW. slope 20 ft.
 43.00 Head of draw, course SE., ascend E. slope, 230 ft.

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

chains

49.50 Ridge, bears NE. and SW., descend NW. slope 200 ft.
 56.50 Draw, course N., thence along N. slope
 57.17 Intersect N. bdy. of 60 ft. International Bdy. Reserve.
At intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of frac. secs. 9 and 16, marked on brass cap

T24SR12E
 C S9
 PR. CS16
 1926

From which
 An oak, 10 ins. diam., bears S. 74° E., 52 lks. dist., marked T 24 S R 12 E S 16 C C B T
 An oak, 12 ins. diam., bears N. 37½° W., 17 lks. dist., marked T 24 S R 12 E S 9 C C B T
Thence
 Continue line and measurement across International Bdy. Reserve.

57.25 Fence, bears N. 69° W. and S. 69° E.
 59.77 Intersect U. S. - MEX. International Bdy., at a point 59.10 chains S. 69° 21' E. From Monument No. 129 thereon, which is a stone monument 48 ins. sq., 10 ft. high.

Land, mountainous.
 Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, oak, juniper, manzanita, & catclaw.

40.00 From cor. of secs. 4 and 5, and frac. secs. 8 and 9,
 79.81 N. 0° 08' W. on a random line bet. secs. 4 and 5.
 Set temp. ¼ sec. cor.,
 Fall 9 lks. W. of the cor. of secs. 4 and 5 on the N. bdy. of the T., described in book "D" of this group.
Thence
 S. 0° 04' E. on a true line bet. secs. 4 and 5.
 Over mountainous land, through timber and scattering undergrowth, ascend NW. slope 50 ft.

2.00 Spur, slopes NE., descend SE. slope 250 ft.
 15.80 Gulch, course NE., ascend N. slope 250 ft.
 23.50 Spur, slopes E., descend S. slope 260 ft.
 35.00 Gulch, course NE., a small stream of good water in gulch, thence along foot of W. slope
 39.81 Set an iron post. 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., marked on brass cap

↑
 S5 | S4
 1926

From which
 An oak, 14 ins. diam., bears S. 73° E., 30 lks. dist., marked ¼ S 4 B T
 An oak, 12 ins. diam., bears N. 38½° W., 3¼ lks. dist., marked ¼ S 5 B T
 This cor. is set at the N. end of boulder 10X10X4 ft. above ground.

40.70 Wash, 20 lks. wide, course NW., a small stream of good water in wash.
 41.00 Ascend NE. slope 55 ft.
 43.50 Point of spur, slopes E., descend SE. slope 50 ft.
 45.00 Gulch, course NE., a small stream of good water in gulch, Ascend rolling, broken W. slope 220 ft.

46.00 Prospectors shack and tent, 60 lks. W.
 58.00 Descend SW. slope 20 ft.
 60.00 Gulch, course NW., ascend rolling NW. slope, 385 ft.
 75.50 Point of spur, slopes W., descend SW. slope 80 ft.
 79.81 The cor. of secs. 4 and 5, and frac. secs. 8 and 9.
 Land, mountainous. Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, manzanita, mesquite, catclaw, & oak.

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

| | |
|-------|---|
| | West on auxiliary base bet. sec. 5 and frac. Sec. 8 Over mountainous land, through timber and scattering undergrowth, descend SW. slope 110 ft. |
| 2.60 | Enter gulch, from SE., descend Gulch 25 ft. |
| 5.20 | Leave gulch, course NW., ascend NE. slope 10 ft. |
| 6.20 | Descend NW. slope 10 ft. |
| 7.50 | Gulch, course N., ascend NE. slope 90 ft. |
| 13.00 | Point of spur, slopes N., descend NW. slope 90 ft. |
| 17.55 | Gulch, course NE., ascend E. slope 290 ft. |
| 32.00 | Spur, slopes NE., descend NW. slope 140 ft. |
| 40.00 | 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 |
| | $\begin{array}{r} \frac{1}{4} \text{ S5} \\ \hline \text{S8} \\ 1926 \end{array}$ |
| | From which |
| | An oak, 12 ins. diam., bears N. 16° E., 21 lks. dist., marked $\frac{1}{4}$ S 5 B T |
| | An oak, 12 ins. diam., bears S. 33° E., 42 lks. dist., marked $\frac{1}{4}$ S 8 B T |
| | Descend W. slope 240 ft. |
| 46:85 | Gulch, course N., ascend rolling E. slope 500 ft. |
| 61.75 | Point on spur, sloping SE., from this point U.S. Mineral Monument No. 1, bears N, 53° 02' W., 3.80 chains. dist., this monument is a decayed post in a mound of stone, 3 ft. high, 4 ft. base, at center of base is an octagon steel bar, driven firmly in crevice of rock, as described, From which |
| | Mt. Baldy, bears N. 36° 43' E. |
| | Baboquivari Pk., bears N. 43° 37' W. |
| | Drilled holes in rock, filled with carbonates, as descr- ibed, bear N. 39° 05' E., 26 lks. dist. and S. 45° 30' E., 99 $\frac{1}{2}$ lks. dist. Rebuild mound of stone. |
| | Descend rolling S. slope 160 ft. |
| 77.00 | Spur, slopes NE., descend NW. slope 40 ft. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. 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 cor. of secs. 5 and 6, and frac. secs. 7 and 8, marked on brass cap |
| | $\begin{array}{c c} \text{T24S} & \text{R12E} \\ \hline \text{S6} & \text{S5} \\ \hline \text{S7} & \text{S8} \\ 1926 \end{array}$ |
| | From which |
| | An oak, 14 ins. diam., bears N. 40° E., 5 lks. dist., marked T 24 S R 12 E S 5 B T |
| | An oak, 10 ins. diam., bears S. 16° E., 59 lks. dist., marked T 24 S R 12 E S 8 B T |
| | An oak, 16 ins. diam., bears S. 87° W., 46 lks. dist., marked T 24 S R 12 E S 7 B T |
| | An oak, 12 ins. diam., bears N. 47 $\frac{3}{4}$ ° W., 41 lks. dist., marked T 24 S R 12 E S 6 B T |
| | Land, mountainous. |
| | Soil, stony, 4th rate. |
| | Timber, oak, & juniper. |
| | Undergrowth, oak, juniper manzanita & catclaw. |
| | ----- |
| | S. 0° 09' E. on a true line bet. frac. secs. 7 and 8 Over mountainous land, through timber and scattering undergrowth, ascend NW. slope 25 ft. |
| 3.20 | Spur, slopes NE., descend E. slope 140 ft. |
| 9.20 | Gulch, course SE., ascend NE. slope 80 ft. |
| 12.50 | Point of spur, slopes E., descend SE. slope 60 ft. |
| 18.50 | Gulch, course NE., ascend NW. slope 185 ft. |
| 24.20 | Spur, slopes E., descend S. slope 60 ft. |
| 26.50 | Gulch, course E., ascend N. slope 110 ft. |
| 31.50 | Spur, slopes E., descend SE. slope 40 ft. |

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

| | |
|--------|---|
| chains | |
| 38.60 | Gulch, course NE., ascend NW. slope 40 ft. |
| 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 juniper, 7 ins. diam., bears N. $73\frac{1}{2}^\circ$ E., 30 lks. dist. marked $\frac{1}{4}$ S 8 B T |
| | A juniper, 15 ins. diam., bears N. 72° W., 39 lks. dist. marked $\frac{1}{4}$ S 7 B T |
| | Ascend NW. slope 40 ft. |
| 41.72 | Intersect N. line of 60 ft. International Bdy. Reserve. At intersection, set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, raise a mound of stone, $2\frac{1}{2}$ ft. base, 1 ft. high around post, for closing cor. of frac. secs. 7 and 8, marked on brass cap |
| | |
| | From which |
| | An oak, 8 ins. diam., bears S. 74° E., 31 lks. dist., marked T 24 S R 12 E S 8 C C B T |
| | A juniper, 14 ins. diam., bears S. 64° W., 31 lks. dist. marked T 24 S R 12 E S 7 C C B T |
| | Thence |
| | Continue line and measurement across International Bdy. Reserve. |
| | Ascend NW. slope 15 ft. |
| 42.27 | Fence, bears N. 69° W. and S. 69° E. |
| 42.60 | Spur, slopes NE. |
| 42.69 | Intersect U.S. - MEX. International Bdy., at a point 55.99 chains N. $69^\circ 22'$ W. From Monument No. 129 thereon, which is a stone monument 48 ins. sq., 10ft. high. |
| | Land, mountainous. |
| | Soil, stony, 4th rate. |
| | Timber, oak & juniper. |
| | Undergrowth, manzanita, oak & catclaw. |
| | ----- |
| | From cor. of secs. 5 and 6, and frac. secs. 7 and 8, West on a random line bet. sec. 6 and frac. sec. 7. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 87.13 | Fall 28 lks. N. of cor. of sec. 6 and frac. sec. 7 on the W. bdy. of the T., hereinbefore described. |
| | Thence |
| | N. $89^\circ 49'$ E. on a true line, bet. sec. 6 and frac. sec. 7. |
| | Over mountainous land, through timber and scattering undergrowth, descend E. slope 10 ft. |
| .50 | Ravine course S., ascend rolling SW. slope 115 ft. |
| 7.30 | Ridge, bears NW. and SE., descend E. slope 50 ft. |
| 7.60 | Trail, bears NW. and SE. |
| 11.30 | Draw, course SE., ascend SW. slope 60 ft. |
| 17.40 | Spur, slopes S., descend E. slope 30 ft. |
| 20.70 | Draw, course S., ascend W. slope 30 ft. |
| 23.10 | Spur, slopes S., descend SE. slope 100 ft. |
| 30.70 | Gulch, course NE., ascend NW. slope 90 ft. |
| 36.70 | Spur, slopes NE., descend SE. slope 60 ft. |
| 42.20 | Draw, course NE., ascend NW. slope 20 ft. |
| 47.13 | Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bed rock, 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 |

Survey of the subdivision lines in fractional T. 24 S., R. 12 E.

chains

$\frac{1}{4}$ $\frac{S6}{S7}$
 1926

From which
 An oak, 7 ins. diam., bears N. 58° E., 51 lks. dist.,
 marked $\frac{1}{4}$ S 6 B T
 An oak, 7 ins. diam., bears S. 13° E., 15 lks. dist.,
 marked $\frac{1}{4}$ S 7 B T
 This cor. is on steep N. slope, thence along N. slope.
 52.00 Descend rolling N. slope 150 ft.
 63.00 Wash, 5 lks. wide, course SE. thence along S. slope.
 64.80 Wash, 10 lks. wide, in gulch, course NE., thence along
 rolling N. slope.
 79.50 Trail, bears N. and S., descend E. slope 30 ft.
 81.40 Wash, 10 lks. wide, course N., thence along N. slope.
 82.70 Wash, 10 lks. wide, course NW., ascend NW. slope 125 ft.
 87.13 The cor. of secs. 5 and 6, and frac. secs. 7 and 8, ~~has~~ ^{is} ~~in~~ ^{at} ~~the~~ ^{the} ~~same~~ ^{same} ~~place~~ ^{place} ~~as~~ ^{as} ~~described.~~ ^{described.}
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber oak, & juniper.
 Undergrowth, manzanita, oak, & catclaw.

40.00 N. 0° 09' W. on a random line bet. secs. 5 and 6.
 79.68 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 4 lks. W. of the cor. of secs. 5 and 6 on the N.
 bdy. of the T., described in book "D" on this group
 Thence
 S. 0° 07' E. on a true line bet. secs. 5 and 6
 Over mountainous land, through timber and scattering
 undergrowth, descend E. slope 35 ft.
 2.20 Gulch, course NE., ascend NW. slope 340 ft.
 15.70 Spur, slopes NE., descend SE. slope 150 ft.
 23.50 Draw, course E
 25.60 Spur, slopes E. descend S. slope 50 ft.
 29.00 Draw, course NE., ascend NW. slope 75 ft.
 32.70 Spur, slopes NE., descend NE. slope 15 ft.
 33.50 Draw, course NE., ascend NW. slope 80 ft.
 35.60 Spur, slopes E., trail, bears E. and W., descend S. slope
 70 ft.
 39.56 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, 1½ ft. high around post, for witness cor. to the
 $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S6 | S5
 WC
 1926

From which
 An oak, 12 ins. diam., bears S. 42½° E., 160 lks. dist.,
 marked $\frac{1}{4}$ S 5 W C B T
 An oak, 6 ins. diam., bears S. 81° W., 186 lks. dist.,
 marked $\frac{1}{4}$ S 6 W C B T
 Descend S. slope 90 ft.
 39.68 True point for $\frac{1}{4}$ sec. cor., falls on sloping surface
 rock, unsuitable place for cor. monument.
 42.00 Head of draw, course SE. descend E. slope 35 ft.
 52.40 Spur, slopes SE., descend S. slope 140 ft.
 59.60 Gulch, course E. from SW. ascend NW. slope 50 ft.
 60.00 Trail, bears NE. and SW.
 61.80 Point of spur, slopes NW., descend SW. slope 20 ft.
 65.90 Draw, course NW., ascend NE. slope 125 ft.
 69.70 Spur, slopes NW., descend W. slope 10 ft.
 75.50 Draw, course W., ascend NW. slope 40 ft.
 79.68 The cor. of secs. 5 and 6, and frac. secs. 7 and 8.
 Land, mountainous. Soil, stony, 4th rate.
 Timber, oak, & juniper.
 Undergrowth, oak, manzanita, & catclaw.

Boundaries of fractional T. 24 S., R. 12 E.

Latitudes, departures, and closing errors.

| Line designated. | True bearing. | Dist. | Latitudes. | | Departures. | |
|--|---------------|--------|-------------------------------|--------|--------------------------------|--------|
| | | | N. | S. | E. | W. |
| North boundary. | East. | 487.00 | | | 487.00 | |
| East boundary. | S. 0°03'E. | 79.56 | | 79.56 | .06 | |
| | S. 0°04'E. | 38.95 | | 38.95 | .04 | |
| | S. 0°12'E. | 40.59 | | 40.59 | .14 | |
| | S. 0°05'E. | 39.92 | | 39.92 | .06 | |
| | S. 0°06'E. | 40.08 | | 40.08 | .07 | |
| South boundary. (U.S.-Mex. International Bdy.) | S. 89°48'W. | 67.33 | | .23 | | 67.33 |
| | N. 69°20'W. | 19.58 | 6.91 | | | 18.32 |
| | N. 69°21'W. | 280.48 | 98.91 | | | 262.46 |
| | N. 69°22'W. | 149.17 | 52.56 | | | 139.60 |
| West boundary. | North. | 89.66 | 89.66 | | | |
| Convergency. | | | | | .15 | |
| Totals | | | 248.04 | 247.28 | 487.59 | 487.71 |
| | | | 247.28 | | - | 487.59 |
| | | | <u>Error in latitude</u> 0.76 | | | |
| | | | | | <u>Error in departure</u> 0.12 | |

Final test of instruments, see preliminary tests in book "F" of this group.
The instruments were in adjustment throughout the survey.

GENERAL DESCRIPTION.

Surface: Mountainous, elevation is about 4500 ft., good grazing.

Soil: Gravelly and stony, 2nd to 4th rate.

Timber: This Tp. is well covered with oak, some juniper, pine, and cedar on the higher mountains, scattering walnut, sycamore, ash, cottonwood, hackberry in nearly all of the canyons and gulches. The Tp. is covered with scattering undergrowth, consisting of mesquite, manzanita, catclaw, oak and other varieties.

Mineral: There is evidence of mineral throughout the Tp.

Water: There are numerous small springs of good water in this Tp.

Settlement: There are no permanent settlements, a few prospectors living in the Tp.

Improvements: There is a small concentrating mill in sec. 2, there are several drift fences.

Industry: Mining and 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 all those parts or portions of

the Subdivision Lines of

Fractional Township 24 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 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 survey.

Place: Phoenix, Arizona,

Claude F. Warner U.S. Transitman.

Date: April 13, 1926.

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.

4-680

FIELD ASSISTANTS.
TO

William B. Kimmel, U.S. Cadastral Engineer

| NAMES. | CAPACITY. |
|---------------|--------------|
| Leroy Hanson | 1st Chairman |
| Clifton Gump | 2nd Chairman |
| Floyd Vaughan | Axman |
| Leo Kenneady | Moundman |
| Levi Harris | Flagman |
| Ben Jones | Flagman |
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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 all those parts or portions of the East Boundary of Fractional Township 24 South, Range 12 East and SURVEYED all those parts or portions of Connections on the U.S.-Mex. International Boundary Line, the West Boundary and Subdivision Lines of Fractional Township 24 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.

Place: Phoenix, Arizona.
Date: July 2, 1926.

Wm B Kimmel
U.S. Cadastral Engineer. U. S. Surveyor.

APPROVAL.

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS,

Denver, Colo., December 21, 1927.

The foregoing field notes of the RESURVEY of the East Boundary of Fractional Township 24 South, Range 12 East and of the SURVEY of Connections on the U.S.-Mex. International Boundary Line the West Boundary and Subdivision Lines of Fractional Township 24 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

under his special instructions dated September 24, 1925 for Group 138 Ariz., having been critically examined, and the necessary corrections and explanations made, the said field notes, and the RESURVEYS and SURVEYS they describe, are hereby approved.

Signature of U.S. Supervisor of Surveys

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