

3653

Book "F"

4-679

BOOK 3653

FIELD NOTES

OF THE RETRACEMENT OF

Part of the United States-Mexico International Boundary I.

MAR

OF THE RESURVEY OF

East boundary of Fractional Township 24 South, Range 18 East

AND OF THE SURVEY OF

North boundary and

Subdivision lines of

FRACTIONAL TOWNSHIP 24 SOUTH, RANGE 19 EAST,

Of the Gila and Salt River Base and Meridi

In the State of Arizona.

EXECUTED BY

SIDNEY A. BLOUT,

U. S. Cadastral Engineer,

In the capacity of U. S. Surveyor, under Special Instructions dated Dec
issued by the United States Surveyor General to govern surveys in
No. 119, Arizona, which were approved by the Commissioner of
Office, February 2, 1922, and Assignment Instructions dated Se

Retracement,
Resurvey & Survey commenced February 5,

Retraceme t,
Resurvey c, Survey completed February 20,

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17A

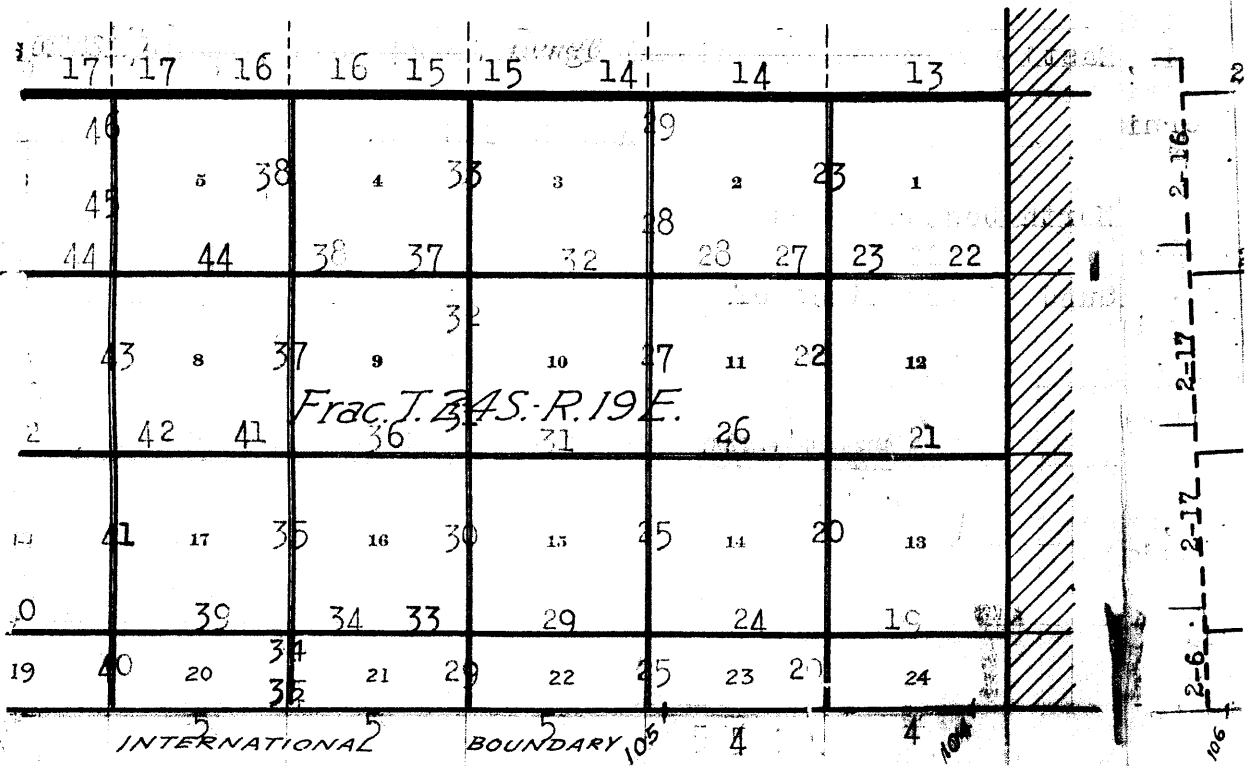
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Book "F"

Group 119 - - Arizona.

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INDEX DIAGRAM.



REPUBLIC OF MEXICO

Lines surveyed under this group.

Lines resurveyed under this group.

Lines retraced under this group.

Accepted surveys.

Unsurveyed.

Areas surveyed as per accepted plats on file.

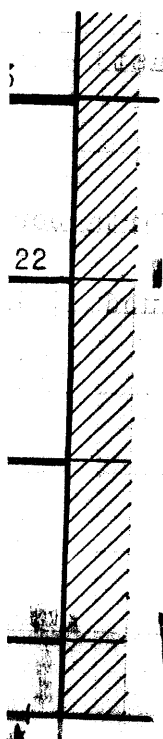
BOOK 3653

Book "F"

Group 119 - - - Arizona.

Township 24 South, Range 19 East.

Date Diagram
1923.



	2-16	2-16, 2-15	2-13	2-13, 2-9	2-9	2-9
2-16	6	5	4	3	2	1
2-17	7	8	9	10	11	12
2-17	18	17	16	15	14	13
2-6	19	20	21	22	23	24
2-6	2-19	2-19	2-19	2-19	2-19	2-19

INTERNATIONAL BOUNDARY

- Indicates surveys executed by Sidney E. Blout, U.S.C.E. on dates shown thereon.
- - - Indicates resurveys executed by Sidney E. Blout, U.S.C.E. on dates shown thereon.
- Indicates retracements executed by Sidney E. Blout, U.S.C.E. on dates shown thereon.
- Indicates accepted surveys.

The retracements, resurveys, and surveys, hereinafter described, commenced February 2, 1923 and executed on dates shown on diagram on page 1 hereof by Sidney E Blout, U.S. Cadastral Engineer, using an A Lietz solar transit No. 6166 with 5-inch horizontal circle, 4-inch vertical circle and improved Smith solar attachment. ;The horizontal limb is provided with two double verniers, placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the meridian at the Federal Building at Phoenix Arizona, January 19, 1923, found correct and was approved by the Assistant Supervisor of Surveys for Arizona and California, conditional upon satisfactory field tests.

TEST OF INSTRUMENT

February 2, 1923; Examine the adjustments of the transit, and correct the level and collimation errors, then to test the solar apparatus, by comparing its indications, resulting from solar observations, made during a.m. and p.m. hours with a meridian determined by observations on Polaris; proceed as follows;

February 4, 1923, in camp near the cor. of secs. 8, 9, 16, and 17, T24 S., R19E.; Latitude $31^{\circ}21'N.$ and Longitude $110^{\circ}26'10''W.$; set off $31^{\circ}21'N.$ on the lat. arc. $16^{\circ}32'S.$ on the decl. arc and at $2^{h}00^{m}$ p.m. app. time determine a meridian with the solar and mark a point thereof by a tack in peg driven firmly in the ground about 8.00 chs. N. of instrument.

At same station at $10^{h}33.3^{m}$ p.m. l.m.t. by my watch which is set by Western Union Telegraph clock to read correct local mean time; observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions and mark the mean point in the line thus determined by a tack driven in a stake set firmly in the ground about 8.00 chs. N.

Azimuth of Polaris at elongation $1^{\circ}17'30''$
February 5; lay off the azimuth of Polaris $1^{\circ}17'$ to the east and mark the meridian thus determined by a nail driven in the peg already driven about 8.00 chs. N. on which the meridian falls $00\frac{1}{2}' W.$ of the mark determined by the solar.

The magnetic bearing of the true meridian at $8^{h}00^{m}$ a.m. is $N13^{\circ}45'W.$

February 5, At $9^{h}00^{m}$ app. time set off $31^{\circ}21'N.$ on the lat. arc, $16^{\circ}03\frac{1}{2}'S.$ on the decl. arc, and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set about 8.00 chs. N.; This point falls $00\frac{1}{2}' W.$ of the meridian established by the Polaris observations.

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

All measurements are made with a Lufkin 5-chain steel tape, compared with a Chesterman standard steel

tape, and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Retracement of part of the United States-Mexico International Boundary (S. of frac. Township 24 South, Range 19 East).

Chains.

The International Boundary Line between the United States and Mexico was surveyed in the period between the years 1891 and 1896 by surveyors from both countries, working jointly. The monuments along the boundary were established at irregular intervals and consecutively numbered from East to West.

In 1916, under instructions for survey of Group No. 64, Arizona, I retraced the International Boundary from Mon. No. 98 West to Mon. No. 104, which portion of the line forms the S. bdrs. of Frac. Ts. 24 S., Rs. 20 and 21 E. No retracement of the line W. from Mon. No. 104, and S. of Frac. T. 24 S., R. 19 E. is of record.

The following notes describe a retracement of said International Bdy. from Mon. No. 104, westerly to the closing cor. of Frac. Ts. 24 S., Rs. 18 and 19 E.

Monument No. 104 is a cast iron shaft 6 ft. high, 12 ins. square at base, 9 ins. square at top, bolted firmly to masonry foundation.

Thence, S. 89° 43' W., on true line, toward flag on Mon. No. 105, which is visible on such bearing.

Over gently rolling land in ravine, along N. side of wire fence, thru. scattering timber.

Ascend gradually over NE. slope.

6.00 Top of right bank of ravine, brs. NW. and SE. Leave ravine.

Enter nearly level land.

25.40 Enter gently rolling land.

Descend 60 ft., over SW. slope, to

39.70 Enter nearly level land.

49.65 Enter gently rolling land.

Ascend 25 ft., over SE. slope.

55.10 Enter nearly level land.

83.00 Enter rolling land.

Descend 45 ft., over SW. slope, to

87.67 Enter nearly level land. From this point, cor. No. 4 of Forest Homestead No. 532, which is a 2 in. iron post with brass cap, projecting 20 ins. above ground, brs. No. 91 lks. dist. in fence cor., from which fences extend NE. and W.

101.20 Gate in Bdy. fence.

104.17 Left bank of creek, brs. NE and SW. Enter rolling land.

Descend 21 ft. over NW. slope.

106.00 Dry bed of Cave Creek, 30 lks. wide, course S. 30° W.

Ascend 25 ft., over E. slope.

117.14 Top of ridge, brs. N. and S.

Descend 30 ft., over W. slope.

120.10 Wash, 20 lks. wide, in ravine, course S.

Ascend 196 ft., over E. slope.

129.72 From this point, Cor. No. 1 of Forest Homestead No. 532, which is a 2 in. iron post with brass cap, projecting 10 ins. above ground, brs. North 90 lks. dist.

136.57 Top of left bank of ravine, brs. NW. and S. Leave ravine.

Enter nearly level land.

138.37 Intersect Mon. No. 105, which is a cast iron shaft, 6 ft. high, 12 ins. sq. at base, 9 ins. sq. at top, bolted firmly to masonry foundation.

True course and dist. of the International Bdy. between Monuments Nos. 104 and 105 are therefore S. 89° 43' W., 138.37 chs.

Land, gently rolling, nearly level, rolling and mountainous.

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

Timber, oak.

Undergrowth, none.

Good grass.

From Monument No. 105,

S. 89° 43' W., on true line, toward flag on Mon. No. 106, which

Retracement of part of the United States-Mexico International
Boundary (S. of frac. Township 24 South, Range 19 East).

5

Chains.	
	is visible on such bearing.
	Over nearly level, open grassy land, along N. side of wire fence.
26.73	Draw, course SW.
38.23	Draw, course SW.
66.00	Top of left bank of Ravine, brs. NE. and SW. Enter rolling land.
	Descend 20 ft., over NW. slope.
73.73	Wash, 10 lks. wide, in ravine, course SW.
	Ascend 20 ft., over SE. slope, to
79.00	Top of right bank of ravine, brs. NE. and SW. Leave ravine.
	Enter nearly level land.
98.00	Enter gently rolling land.
	Descend gradually over W. slope.
107.28	Draw, course SW.
	Ascend gradually over SE. slope.
111.00	Descend gradually over S. and SW. slopes.
126.73	Road, brs. N. and S. thru. gate in bdy. fence.
135.68	Draw, 10 lks. wide, course SW.
	Ascend 10 ft., over SE. slope, to
139.00	Thence over nearly level land.
147.50	Enter gently rolling land.
	Descend gradually over W. slope.
152.67	From this point, Cor. No. 7 of Forest Homestead No. 299, which is a quartzite stone, brs. N. 91 lks. dist. in fence cor., from which fences extend N. and W. A vacant house, brs. N. 23° W. Another vacant house, brs. N. 34 $\frac{1}{2}$ ° W. A windmill brs. N. 20° 10' W.
154.83	Pleasant Valley wash, 30 lks. wide, course SE.
	Ascend gradually over E. slope.
167.64	From this point, fence cor., brs. N. 91 lks. dist., from which fences extend NE. and E.
	Descend 25 ft., over SW. slope.
174.98	Wash, 15 lks. wide, course SE. Ascend 25 ft. over SE. slope.
197.67	Descend 40 ft., over SW. slope.
201.73	Wash, 20 lks. wide, course S.
	Ascend 40 ft., over E. slope, to
207.41	From this point, cor. No. 1 of Forest Homestead No. 299, identical with cor. No. 4 of Forest Homestead No. 531, which is a stone properly marked, brs. N. 91 lks. dist. in fence cor., from which fences extend N. and W. Enter nearly level land.
227.66	Draw, course S.
230.41	Fence cor. brs. N. 91 lks. dist., from which fences extend N. and E.
245.48	Road brs. N. and S. thru. gate in boundary fence. Thence along S. side of road extending W.
247.43	From this point, cor. No. 1 of Forest Homestead No. 531, which is a porphyry stone properly marked, brs. N. 91 lks. dist., in fence cor., from which fences extend N. and W.
	Continue along S. side of road, and along N. side of Bdy. fence.
258.75	Draw, course SW.
278.88	Wash, 20 lks. wide, course SW.
279.46	Intersect a sheet iron post, 6 ins. square, projecting 5 ft. above ground, firmly set, marked "US" on N. face, "COCHISE" on E. face, "MEX." on S. face, and "SANTA CRUZ" on W. face. This monument marks the intersection of the boundary line between Cochise and Santa Cruz counties, Arizona, with the International Boundary.
287.96	From this point, a stone marked "H-I" brs. N. 99 lks. dist. in fence cor., from which fences extend E., W. and N. This marked stone is a cor. to Forest Homesteads unsurveyed.
	Continue along S. side of road, and along N. side of boundary fence, over nearly level land.
310.66	From this point, a fence cor. brs. N. 99 lks. dist., from which fences extend E., W. and N.
322.73	Intersect Monument No. 106, which is a masonry shaft, 10 ft. high, 4 ft. square at base, 2 $\frac{1}{2}$ ft. square at top.

Retracement of part of the United States-Mexico International
 6 Boundary (S. of frac. Township 24 South, Range 19 East).

Chains.

True course and dist. of the International Boundary bet. Monuments Nos. 105 and 106 are therefore, S. 89° 43' W., 322.73 chs.
 Land, nearly level, gently rolling and rolling.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, none.
 Good grass.

From Monument No. 106, N. 89° 53' W., on true line, toward flag on Mon. No. 107, which is visible on such bearing.
 Over nearly level land, along S. side of road, and along N. side of boundary fence.
 3.92 From this point, fence cor. brs. N. 99 lks. dist., from which fences extend N. and E.
 5.27 Intersect the original closing cor. of frac. Ts. 24 S., Rs. 18 and 19 E., established by Philip Contzen, U.S.D.S. in 1904, which is a sandstone, 6x6x4 ins. above ground, firmly set, marked "CC" on N. face, "19" on E. face, "MEX" on S. face, and "24" on W. face, and witnessed by a mound of stone N. of cor. No bearing trees. This cor. is on N. side of the Bdy. fence.

True course and dist. of the International Boundary from Mon. No. 106 to this CC are therefore N. 89° 53' W., 5.27 chs., and said closing cor. is in alignment between Mons. Nos. 106 and 107.
 Land, nearly level.
 Soil, gravelly, 2nd rate.
 Timber, none.
 Undergrowth, none.
 Good grass.

Chains.

The East bdy. of frac. T. 24 S., R. 18 E. was surveyed by Philip Contzen, U.S.D.S. in 1904, establishing all cors. thereon with a common reference to areas on both sides of the line. No retracement or resurvey of any part thereof is of record.

The North bdy. of frac. T. 24 S., R. 19 E., surveyed due west as hereinafter described falls 13.30 chs. S. of the original cor. of Ts. 23 and 24 S., Rs. 18 and 19 E.; therefore, the existing cors. on the range line now refer to areas W. thereof only.. The following notes describe a resurvey of the range line thru. frac. T. 24 S., reconstructing the defective original cors. by setting iron posts alongside, with brass cap, marked for reference to areas W. of the line only, and reestablishing $\frac{1}{4}$ sec. cors. for secs. E. of the line at midpoints bet, the closing cors., with the exception of sec. 6, where the $\frac{1}{4}$ sec. cor. is reestablished at 40.00 chs. northing from C.C. of secs. 6 and 7.

Retracement for Resurvey:

40.00 From original cor. of Ts, 23 and 24 S., Rs. 18 and 19 E., hereinafter described,
 South, on random line on E. bdy. of sec. 1 (N. $\frac{1}{2}$).
 Fall 23 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, hereinafter described.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore N. 0° 19' W., 40.00 chs.

40.08 Thence,
 South, on random line on E. bdy. of sec. 1 (S. $\frac{1}{2}$).
 Fall 23 lks. W. of original cor. of secs. 1, 6, 7 and 12, hereinafter described.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore N. 0° 19' W., 40.08 chs.

40.16 From original cor. of secs. 1, 6, 7 and 12,
 South, on random line, on E. bdy. of sec. 12 (N. $\frac{1}{2}$).
 Fall 10 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, hereinafter described.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore N. 0° 9' W., 40.16 chs.

40.13 Thence,
 South, on random line on E. bdy. of sec. 12 (S. $\frac{1}{2}$).
 Fall 9 lks. W. of the original cor. of secs. 7, 12, 13 and 18, hereinafter described.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore, N. 0° 8' W., 40.13 chs.

40.16 South, on random line on E. bdy. of sec. 13 (N. $\frac{1}{2}$).
 Fall 9 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, hereinafter described.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 13, are therefore N. 0° 8' W., 40.16 chs.

40.07 Thence,
 South, on random line on E. bdy. of sec. 13 (S. $\frac{1}{2}$).
 Fall 9 lks. W. of original cor. of secs. 13 and 18, and frac. secs. 19 and 24, hereinafter described.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 13 are therefore, N. 0° 8' W. 40.07 chs.

34.78 South, on random line on E. bdy. of frac. sec. 24.
 Fall 9 lks. W. of original closing cor. of frac. Ts. 24 S., Rs. 18 and 19 E. on U.S.-Mex. International Bdy. hereinbefore described,
 True course and dist. of E. bdy. of frac. sec. 24 are; therefore, N. 0° 9' W., 34.78 chs.

8 Resurvey of East bdy. of frac. Township 24 South, Range 18 East.

Chains.

From the closing cor. of frac. Ts. 24 S., Rs. 18 and 19 E., on the U.S.-Mex. International Bdy., hereinbefore described,
 N.0°9'W., on true line, on E. bdy. of frac. sec. 24.
 Over nearly level land, sloping slightly to the SW., devoid of timber or undergrowth.
 0.99 Fence cor. brs. E. 135 lks. dist., from which fences extend E. and N. Thence parallel to fence 135 lks. E. of line.
 1.00 Intersect a stone 10x8x12 ins. above ground, marked "HE" on N. face, with a mound of earth and stone S.
 15.80 Wash, 10 lks. wide, course SW.
 22.70 Point of intersection with subdivision line, bet. secs. 18 and 19. frac. T. 24 S., R. 19 E., surveyed due west. Closing cor. of said secs. established at this point, as hereinafter described.
 Continue line and measurement.
 34.78 Intersect the original cor. of secs. 13 and 18, and frac. secs. 19 and 24, which is a granite stone 10x6x6 ins. above ground, firmly set, marked with 3 notches on each of N. and S faces, and witnessed by a mound of stone, W. of cor. No bearing trees.
 This monument now refers to sec. 13, and frac. sec. 24 only, and no change in marking or accessory is required.
 Land, nearly level.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, none.
 Good grass.

N.0°8'W., on true line, on E. bdy. of sec. 13 (S. $\frac{1}{2}$).
 Over nearly level land, sloping slightly to the SW., devoid of timber or undergrowth, nearly parallel to fence, 140 lks. E. of line.
 6.27 Intersect a stone marked "H-1."
 27.80 (Midpoint of W. bdy. of sec. 18) Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 18 only, marked on brass cap,

$\frac{1}{4}$ S18

1923

from which,

An oak, 24 ins. in diam., brs. N. 43 $\frac{1}{4}$ ° E., 135 lks. dist., marked $\frac{1}{4}$ S 18 BT.

An oak, 24 ins. in diam., brs. N. 57 $\frac{3}{4}$ ° E., 297 lks. dist., marked $\frac{1}{4}$ S 18 BT.

28.92 Wash, 10 lks. wide, course SW.
 39.07 Fence brs. nearly N. and S. Thence along E. side of same fence.
 40.07 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is a granite stone, 8x3x6 ins. above ground, loosely set, marked $\frac{1}{4}$ on W. face. Scattered remains of mound of stone, W. of cor. No bearing trees.
 Reconstruct this cor. as follows:
 Alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 13 only, marked on brass cap,

$\frac{1}{4}$ S13

1923

No bearing trees available.

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

Thence,

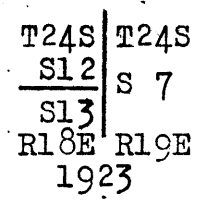
N.0°8'W., on a true line, on E. bdy. of sec. 13 (N. $\frac{1}{2}$).

Over nearly level land, sloping slightly to the W., devoid of timber or undergrowth, nearly parallel to fence about 10 lks. W. of line.

Resurvey of East bdy. of frac. Township 24 South Range 18 East. 9

- Chains.
- 11.45 Fence, brs. E. and W. Fence cor. brs. W. 10 lks. dist., from which fences extend S. and E.
- 12.10 From this point, cor. No. 7 of Forest Homestead No. 296, brs. W. 15 lks. dist., which is a stone marked "CC" on E. face, and 7 HES 296 on NE. face.
- 14.70 Road brs. NE. and nearly S.
- 19.60 Top of N. slope, bearing E. and W. Leave nearly level land and enter gently rolling land.
- 20.72 Descend 53 ft., over N. slope.
- 20.72 Fence cor. brs. E. 5 lks. dist., from which fence extends N. and SE. on W. side of road, same bearing. Thence nearly parallel to fence about 5 lks. E. of line.
- 27.62 (79.77 chs. in northing from C.C. of sec. 18 and frac. sec. 19) Point of intersection with the subdivision line bet. secs. 7 and 18 surveyed due west. C.C. of secs. 7 and 18, established at this point, as hereinafter described.
- 28.10 Foot of N. slope, brs. E. and W. Thence across nearly level bench.
- 32.00 Descend slightly to
- 32.00 Leave bench. Enter gently rolling land.
- 35.00 Descend 30 ft., over N. slope, to
- 35.00 Foot of slope, brs. E. and W. Enter nearly level land. Continue along W. side of fence.
- 39.76 Fence cor. brs. E. 5 lks. dist., from which fences extend N. 85° W. and S.
- 39.91 Road brs. N. 85° W. and S.
- 40.16 Intersect the original cor. of secs. 7, 12, 13 and 18, which is a granite stone, 8x3x4 ins. above ground, firmly set, marked with 2 notches on N. face, 1-HES 296 on NE. face, and 4 notches on S. face, and witnessed by one properly marked bearing tree, a black oak 6 ins. in diam., N. 81° W., 356 lks. dist., and scattered remains of mound of stone, W. of cor. No trace of the original SE. bearing tree.

Reconstruct this cor. as follows:
 Alongside old stone, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 12 and 13 only, marked on brass cap,



No other bearing trees available. Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 From this cor., the SW. cor. of A.M. McNab's house brs. N. 59° 20' E., 347 lks. dist.
 Land, nearly level and gently rolling.
 Soil, gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, none.
 Good grass.

-
- 3.79 N. 0° 8' W., on a true line, on E. bdy. of sec. 12 (S. 2).
 - 5.97 Over nearly level land, devoid of timber or undergrowth.
 - 5.97 Fence brs. E. and W.
 - 5.97 Fence brs. N. 80 1/2° E. and S. 53 1/4° W. Enter very scattering timber.
 - 6:00 Intersect cor. No. 3 of Forest Homestead No. 296, which is a limestone, 8x6x6 ins. above ground, firmly set, marked "CC" on SW. face, and 3-HES 296 on SE. face, and witnessed by a mound of stone, SW. of cor., and two properly marked bearing trees as follows:
 A black oak, 6 ins. in diam., S. 80 1/4° E., 75 lks. dist. &
 A willow, 8 ins. in diam., S. 61° W., 19 lks. dist.
 - 6.29 South or left bank of Sunnyside Creek, 2 ft. high, bearing NE. and SW. Thence across dry bed of creek, course SW.

10 Resurvey of East bdy. of frac. Township 24 South, Range 18 East.

Chains.	
7.29	Leave creek bed, Enter rolling land. Ascend 70 ft., over SE. slope, to
12.40	Point of spur, slopes SE.
21.43	Ascend gradually over E. slope, to Wash, 10 lks. wide, course SE. Enter gently rolling land.
27.51	Ascend gradually over SE. slope, to (Midpoint of W. bdy. of sec. 7) Head of wash, course SE. Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 7, only, marked on brass cap,
<p>1/4 S 7 1923</p>	
<p>from which, An oak, 6 ins. in diam., brs. S. $33\frac{1}{4}^{\circ}$ E., 153 lks. dist., marked $\frac{1}{4}$ S 7 BT. An oak, 6 ins. in diam., brs. S. $69\frac{1}{2}^{\circ}$ E., 84 lks. dist., marked $\frac{1}{4}$ S 7 BT.</p>	
34.15	Ascend 20 ft., over SE. slope, to S. edge of top of spur, brs. NE. and SW. Thence across nearly level top of spur, sloping SW.
40.13	Ascend slightly to Intersect the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is a sandstone, 8x4x8 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone W. of cor., and one properly marked bearing tree, an oak, 12 ins. in diam., S. $88\frac{1}{2}^{\circ}$ W., 147 lks. dist. This cor. now refers to the quarters of sec. 12 only, and no change in marking or accessory is required.
<p>Thence, N. $0^{\circ}9'$ W., on true line, on E. bdy. of sec. 12 (N. $\frac{1}{2}$). Over nearly level top of spur, sloping SW., thru. very scattering timber and scattering undergrowth.</p>	
6.71	Leave nearly level top of spur. Enter rolling land.
9.86	Descend 35 ft., over NW. slope.
18.41	Wash, 10 lks. wide, course SW. Ascend 20 ft., over SE. slope, to SE. edge of top of ridge, bearing NE and SW. Thence across nearly level top of ridge, bearing NE and SW.
19.16	Old road, brs. NE. and SW.
25.12	NW. edge of top of ridge, brs. NE and SW. Enter mountainous land.
27.42	Descend 65 ft., over NW. slope. (80.09 chs. in northing from C.C. of secs. 7 and 12) Point of intersection with the subdivision line, bet. secs. 6 and 7, surveyed due west. Closing cor. of secs. 6 and 7 established at this point, as hereinafter described.
27.76	Wash, 10 lks. wide, course W.
31.05	Ascend 35 ft., over S. slope.
34.31	Point of spur, slopes SW. Descend 34 ft., over NW. slope.
37.36	Wash, 10 lks. wide, course SW. Ascend 14 ft., over SE. slope.
40.16	Ridge, brs. NE. and SW. Descend 10 ft., over NW. slope, to Intersect the original cor. of secs. 1, 6, 7 and 12, which is a granite stone, 12x6x10 ins. above ground, firmly set, marked with 1 notch on N. face, and 5 notches on S. face, and witnessed by a mound of stone, W. of cor., and two properly marked bearing trees, as follows: An oak, 12 ins. in diam., S. $20\frac{1}{2}^{\circ}$ E., 237 lks. dist., and An oak, 10 ins. in diam., N. $20\frac{1}{2}^{\circ}$ W., 180 lks. This cor. now refers to secs. 1 and 12 only; therefore, change the marking on the SE. bearing tree to read "BT" only. No other change in this cor. monument is required. Land, nearly level, rolling and mountainous. Soil, gravelly, 2nd and 3rd rate. Timber, oak. Undergrowth, scrub oak. Good grass.

Resurvey of East bdy. of frac. Township 24 South, Range 18 East. 11 Chains.

N.0°19'W., on true line on E. bdy. of sec. 1 (S. $\frac{1}{2}$).
 Over mountainous land, thru scattering timber and undergrowth.
 7.68 Descend 40 ft., over NW. slope.
 Wash, 20 lks. wide, course SW.
 11.50 Ascend 45 ft., over SE. slope, to SE. edge of top of ridge, brs. NE. and SW. Thence across nearly level top of ridge, bearing NE. and SW.
 18.75 NW. edge of top of ridge, brs. NE. and SW. Leave top of ridge. Enter mountainous land.
 25.20 Descend 105 ft., over NW. slope.
 Wash, 20 lks. wide, course SW.
 27.26 Ascend 35 ft., over SE. slope, to (40.00 chs. in northing from C.C. of secs. 6 and 7) Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 6 only, marked on brass cap,

| S 6
1923

from which,
 A twin oak, 10 ins. in diam., brs. N. 42 $\frac{1}{2}$ ° E., 95 lks. dist., marked $\frac{1}{4}$ S 6 BT.
 An oak, 12 ins. in diam., brs. S. 22° E., 253 lks. dist., marked $\frac{1}{4}$ S 6 BT.

28.28 Ascend 20 ft., over SE. slope.
 Ridge, brs. NE. and SW.
 33.47 Descend 45 ft., over NW. slope.
 Wash, 20 lks. wide, course SW.
 40.08 Ascend 34 ft., over SE. slope, to intersect the original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a sandstone 8x6x10 ins. above ground, loosely set, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone, W. of cor., and two properly marked bearing trees as follows:
 An oak, 8 ins. in diam., N. 23° W., 72 lks. dist., and
 An oak, 8 ins. in diam., S. 79 $\frac{1}{2}$ ° E., 125 lks. dist.
 Reconstruct this cor. as follows:
 Alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 1 only, marked on brass cap,

| S 1
1923

Alter marking on the old SE. bearing tree to read "BT" only.
 No other bearing tree W. of line is available.

Thence,
 N.0°19'W., on true line, on E. bdy. of secs. 1 (N. $\frac{1}{2}$).
 Over mountainous land, thru scattering timber and undergrowth.
 7.80 Ascend 68 ft., over SE. slope.
 Ridge, brs. NE. and SW.
 20.47 Descend gradually over W. slope, to
 26.52 Descend 81 ft., over NW. slope, to
 26.70 Thence over nearly level bench bearing NE. and SW. (79.52 chs. in northing from C.C. of secs. 6 and 7). Point of intersection with N. bdy. of frac. T. 24 S., R. 19 E., surveyed due west. Closing cor. of T. 23 S., R. 19 E., and frac. T. 24 S., R. 19 E., established at this point, as hereinafter described.
 27.40 Fence, brs. NE. and SW.
 27.49 Intersect cor. No. 5 of Forest Homestead No. 295, which is a stone, 10x10x6 ins. above ground, firmly set, marked "CC" on NE. face, and "5-HES295" on NW. face, and witnessed by a mound of stone NE., and two properly

12 Resurvey of East bdy. of frac. Township 24 South, Range 18 East.

Chains.

marked bearing trees as follows:

- An oak, 28 ins. in diam., N. 31° W., 38 lks. dist., and
- An oak, 16 ins. in diam., S. 57½° W., 85 lks. dist.
- 35.75 Fence, brs. NE. and SW. at rim of bench. Leave bench.
- Descend 15 ft., over NW. slope, to
- 37.03 Foot of descent, brs. NE. and SW. Enter nearly level bottom land, along Bodie Wash.
- 38.70 Fence, brs. NE. and SW.
- 39.60 Road, brs. NE. and SW.
- 40.00 Intersect the original cor. of Ts. 23 S., Rs. 18 and 19 E., and frac. Ts. 24 S., Rs. 18 and 19 E., and is also the true point for cor. No. 1 of Forest Homestead No. 295. This cor. monument is a sandstone, 8x8x6 ins. above ground, firmly set, marked with 6 notches on each of N., S.E. and W. faces; and witnessed by a mound of stone, S. of cor.; and by four properly marked bearing trees, as follows:
 - An oak, 8 ins. in diam., N. 18½° E., 420 lks. dist.,
 - An oak, 8 ins. in diam., S. 54¾° E., 163 lks. dist., and
 - An oak, 6 ins. in diam., S. 40° W., 100 lks. dist., and
 - A sycamore, 10 ins. in diam., N. 52° W., 205 lks. dist.
- Alter this cor. monument to refer to T. 23 S., R. 18 E. and frac. T. 24 S., R. 18 E. only, by obliterating the notches on E. face of stone, moving the mound of stone from S. to W. of cor., and obliterating the sec. markings on the NE. and SE. bearing trees.
- At 3 lks. E. of the above described Tp. cor. is the witness cor. to cor. No. 1 of Forest Homestead No. 295, which is a limestone 10x10x8 ins. above ground, firmly set, marked "WC-1-HES295" on SE. face, and witnessed by two properly marked walnut bearing trees, one S. 81° E., 98 lks. dist., and one S. 10¼° W., 86 lks. dist.
- Land, mountainous and nearly level.
- Soil, gravelly, 2nd and 3rd rate.
- Timber, oak.
- Undergrowth, scrub oak.
- Good grass.



Survey of North bdy. of frac. Township 24 South, Range 19 East. 13

Chains.

The original cor. of Ts. 23 S., Rs. 19 and 20 E., and frac. Ts. 24 S., Rs. 19 and 20 E., established by Philip Contzen, U.S.D.S. in 1906 is a porphyry stone 12x12x12 ins. above ground, firmly set in a mound of stone, marked with 6 notches on each of N., E., S. and W. faces, and witnessed by four properly marked bearing trees, one each NE., SE., SW. and NW. of cor.

Thence,
West, on true line, bet. secs. 1 and 36.
Over rolling land, thru dense timber and scattering undergrowth.
Ascend gradually over SE. slope.

4.00 Descend 17 ft., over SW. slope, to
9.20 Descend 80 ft., over NW. slope.
16.50 Wash, 20 lks. wide, course S. 30° W.
Ascend 20 ft., over SE. slope.
19.50 Top of low hill, brs. NE. and SW.
Descend 33 ft., over W. slope.
22.30 Bear Creek, 50 lks. wide, with stream of clear water, 4 lks. wide, 2 ins. deep, course S. 10° W.
Ascend 98 ft., over E. slope.
24.00 Old road, brs. N. and S.
32.52 Spur, slopes SE.
Descend 12 ft., over SW. slope.
34.00 Draw, course SE.
Ascend 15 ft., over E. slope.
37.00 Spur, slopes SE.
Descend 10 ft., over SW. slope, to
40.00 Draw, course SE. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 36
S 1
1923

from which,
A juniper, 6 ins. in diam., brs. N. 47° W., 148 lks. dist., marked $\frac{1}{4}$ S 36 BT.
A juniper, 6 ins. in diam., brs. S. 55 $\frac{1}{2}$ ° E., 43 lks. dist., marked $\frac{1}{4}$ S 1 BT.

Ascend 51 ft., over E. slope.
41.20 Fence, brs. NE. and SW.
49.27 Ridge, brs. NW. and SE. Enter mountainous land.
Descend 95 ft., over SW. slope.
60.90 Wash, 15 lks. wide, course SW. Enter rolling land.
Ascend 36 ft., over SE. slope.
69.90 Spur, slopes SW. and SE.
Descend 25 ft., over NW. slope to sec. cor.
76.90 Fence brs. NW. and SE.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, supported in a mound of stone, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T23S | R19E
S35 | S36
S 2 | S 1
T24S
1923

from which,
A juniper, 6 ins. in diam., brs. N. 11 $\frac{1}{2}$ ° E., 80 lks. dist., marked T23S R19E S36 BT.
A juniper, 6 ins. in diam., brs. S. 24 $\frac{1}{2}$ ° E., 39 lks. dist., marked T24S R19E S1 BT.
A white oak, 4 ins. in diam., brs. S. 76° W., 54 lks. dist., marked BT.
A juniper, 6 ins. in diam., brs. N. 46 $\frac{1}{2}$ ° W., 105 lks. dist., marked T23S R19E S35 BT.

Land, rolling and mountainous. Soil, gravelly & rocky, 3rd rate.
Timber, juniper and oak.
Undergrowth, scrub oak.
Good grass.

BOOK 3653

14 Survey of North bdy. of frac. Township 24 South Range 10 East.

Chains.

- West, on true line, bet. secs. 2 and 35.
Over nearly level land, thru. scattering timber and under-
growth.
Descend 15 ft., over NW. slope.
- 8.00 Wash, 10 lks. wide, course SW. Enter gently rolling land.
Ascend 29 ft., over SE. slope.
- 18.40 Point of low spur, slopes SE.
Descend 10 ft., over SW. slope.
- 22.70 Wash, 20 lks. wide, course SE.
Ascend 22 ft., over SE. slope.
- 27.60 Low spur, slopes SE.
Descend 20 ft., over SW. slope.
- 32.30 Wash, 10 lks. wide, course SE.
Ascend 20 ft., over SE. slope.
- 39.00 Descend slightly, over S. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 35

S 2

1923

from which,

A juniper, 4 ins. in diam., brs. N. 47 $\frac{1}{2}$ ° W., 95 lks.
dist., marked BT.

A juniper, 14 ins. in diam., brs. S. 8 $\frac{1}{2}$ ° E., 127 lks.
dist., marked $\frac{1}{4}$ S 2 BT.

- Descend 30 ft., over SW. slope.
- 51.00 Wash, 10 lks. wide, course SW.
Descend gradually over S. slope, to
- 66.35 Point of low spur, slopes SW.
Descend 24 ft., over W. slope.
- 69.30 Dry bed of Joaquin Creek, 70 lks. wide, course SW.
Ascend 15 ft., over gradual E. slope, to
- 74.45 Ascend 83 ft., over steep E. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 2 ins. in
the ground to bed rock; deposit a stone marked with
a cross (x) at base of post, and raise a mound of
stone around post for cor. of secs. 2, 3, 34 and 35,
marked on brass cap,

T23S | R19E

S34 | S35

S 3 | S 2

T24S

1923

from which,

A white oak, 8 ins. in diam., brs. N. 16 $\frac{1}{2}$ ° E., 57
lks. dist., marked T23S R19E S35 BT.

A white oak, 12 ins. in diam., brs. S. 17 $\frac{1}{2}$ ° E., 92
lks. dist., marked T24S R19E S2 BT.

A twin live oak, 8 ins. in diam., brs. N. 42 $\frac{1}{2}$ ° W., 60
lks. dist., marked T23S R19E S34 BT.

No bearing tree available SW. of cor.
Land, nearly level and gently rolling.
Soil, gravelly, 3rd rate.
Timber, oak and juniper.
Undergrowth, scrub oak.
Good grass.

- West, on true line, bet. secs. 3 and 34.
Over rolling land, thru. scattering timber and undergrowth.
- 1.00 Ascend 11 ft., over steep E. slope, to
Top of bank, brs. NW. and S.
- 10.60 Ascend 20 ft., over gradual NE. slope.
Low ridge, brs. NW. and SE.
Descend 15 ft., over SW. slope.
- 13.00 Head of wash, 10 lks. wide, course SE.
Ascend 40 ft., over SE. slope, to
- 32.70 Wash, 20 lks. wide, course SE.
Ascend 48 ft., over NE. slope, to

Survey of North bdy. of fracl. Township 24 South, Range 19 East. 15

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ $\frac{S\ 34}{S\ 3}$
1923

from which,

A live oak, 9 ins. diam., brs. N.19 $\frac{1}{2}$ °E., 86 lks. dist. marked $\frac{1}{4}$ S 34 B T

A live oak, 8 ins. diam., brs. S.32°W., 65 lks. dist. marked $\frac{1}{4}$ S 3 B T

Asc. 60 ft. over E. slope.

44.70 East rim of mesa, brs. N. and S. Leave rolling and enter level land on mesa.

59.40 Old road, brs. N. and S.

62.55 Wash, 20 lks. wide, course S.

78.30 West rim of mesa, brs. NE. and SW. Leave mesa and enter rolling land.

Descend 21 ft. over NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bed rock, supported in a mound of stone, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T23S R19E
S 33 | S 34
S 4 | S 3
T24S
1923

from which,

A white oak, 8 ins. diam., brs. N.58 $\frac{1}{2}$ °E., 95 lks. dist. marked T 23 S R 19 E S 34 B T

A white oak, 18 ins. diam., brs. S.4°E., 89 lks. dist. marked T 24 S R 19 E S 3 B T

A white oak, 8 ins. diam., brs. S.45°W., 94 lks. dist. marked T 24 S R 19 E S 4 B T

A white oak, 12 ins. diam., bears N.21°W., 45 lks. dist. marked T 23 S R 19 E S 33 B T

Land; rolling and level.

Soil; gravelly, 3rd. rate.

Timber; oak and juniper.

Undergrowth; scrub oak.

Good grass.

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

Over rolling land, through scattering timber and undergrowth.

Descend 40 ft. over NW. slope.

3.30 Wash, 10 lks. wide, course SW.

Ascend 15 ft. over SE. slope.

7.10 Spur, slopes SW.

Descend 53 ft. over W. slope.

11.12 Wash, 10 lks. wide, course SW.

Ascend 83 ft. over SE. slope.

30.70 Ridge, brs. NE. and SW.

Descend 60 ft. over NW. slope.

36.00 Wash, 10 lks. wide, course SW.

Ascend 32 ft. over E. slope to

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

$\frac{1}{4}$ $\frac{S\ 33}{S\ 4}$
1923

from which,

An oak, 6 ins. diam., brs. N.26 $\frac{1}{2}$ °W., 40 lks. dist. marked $\frac{1}{4}$ S 33 B T

An oak, 12 ins. diam., brs. S.23 $\frac{1}{2}$ °W., 125 lks. dist. marked $\frac{1}{4}$ S 4 B T

16 Survey of North bdy. of fracl. Township 24 South, Range 19 East.

Chains	Ascend 50 ft. over E. slope to						
48.00	East rim of mesa, brs. N. and S. Thence over nearly level land on mesa.						
58.00	West rim of mesa, brs. N. and S. Leave mesa. Enter rolling land.						
66.25	Descend 55 ft. over W. slope. Pleasant Valley Wash, 10 lks. wide, course SW.						
77.90	Ascend 32 ft. over SE. slope to Wash, 10 lks. wide, course SE.						
80.00	Ascend 10 ft. over E. slope to Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 4, 5, 32 and 33, marked on brass cap						
	<table border="1"> <tr><td>T23S</td><td>R19E</td></tr> <tr><td>S 32</td><td>S 33</td></tr> <tr><td>S 5</td><td>S 4</td></tr> </table> <p>T24S 1923</p>	T23S	R19E	S 32	S 33	S 5	S 4
T23S	R19E						
S 32	S 33						
S 5	S 4						
	from which,						
	An oak, 12 ins. diam., brs. N.80°E., 90 lks. dist. marked T 23 S R 19 E S 33 B T						
	An oak, 12 ins. diam., brs. S.18°E., 73 lks. dist. marked T 24 S R 19 E S 4 B T						
	An oak, 7 ins. diam., brs. S.60°W., 96 lks. dist. marked T 24 S R 19 E S 5 B T						
	An oak, 18 ins. diam., bears N.61½°W., 105 lks. dist. marked T 23 S R 19 E S 32 B T						
	Land; rolling and nearly level. Soil; sandy and gravelly, 2nd. and 3rd. rates. Timber; oak and juniper. Undergrowth; scrub oak. Good grass.						
	West, on true line bet. secs. 5 and 32. Over rolling land, thru scattering timber and undergrowth.						
8.70	Ascend 56 ft. over E. slope. Wire fence, brs. N. and S.						
10.00	East rim of mesa, brs. N.20°E. and S.20°W. Enter level land on mesa.						
16.63	Wood road, brs. N. and S.						
21.80	West rim of mesa, brs. N.20°E. and S.20°W. Leave mesa. Enter rolling land.						
25.02	Descend 90 ft. over NW. slope. Wire fence, brs. N.19½°E. and S.19½°W.						
25.11	Intersect the East Bdy. of H.E.S.No. 620; 18.61 chs. N. 19°36'E. of Cor. No. 1. Enter bottom land.						
25.20	Road brs. N.19½°E. and S.19½°W. at foot of descent. Thence over nearly level bottom land.						
32.95	Dry bed of Sunnyside Creek, 50 lks. wide, course S.20°W.						
35.42	Wire fence, brs. N.20°E. and S.20°W. at west edge of nearly level bottom land. Enter rolling land.						
37.60	Ascend 23 ft. over SE. slope to. Top of bank, brs. NE. and SW. Thence over nearly level land.						
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor. marked on brass cap						
	<table border="1"> <tr><td>¼</td><td>S 32</td></tr> <tr><td></td><td>S 5</td></tr> </table> <p>1923</p>	¼	S 32		S 5		
¼	S 32						
	S 5						
	from which,						
	An oak, 4 ins. diam., bears N.20½°W., 102 lks. dist. marked B T						
	An oak, 5 ins. diam., bears S.22°W., 144 lks. dist. marked ¼ S 5 B T						
	Continue over nearly level land.						
45.70	Intersect the west Bdy. of H.E.S.No. 620, 15.95 chs. N. 19°38'E. of Cor. No. 1.						
45.90	Wire fence, brs. N.19½°E. and S.19½°W. at foot of SE. slope. Enter gently rolling land.						

Survey of North bdy. of fract. Township 24 South, Range 19 East, 17

Chains.
 Ascend 40 ft. over SE. slope.
 55.00 East rim of mesa, brs. NE. and SW.; thence over nearly level land on mesa.
 61.70 Old road, brs. N. 20° W. and S. 20° E.
 61.85 Road, brs. N. 30° E. and S. 30° W.
 68.40 West rim of mesa, brs. NE. and SW. Leave mesa. Enter rolling land.
 Descend 44 ft., over NW. slope.
 72.25 Wash, 20 lks. wide, course S. 30° W.
 Ascend 58 ft., over E. slope, to
 80.00 Spur, slopes S. Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, supported in a mound of stone, for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T23S	R19E
S31	S32
S 6	S 5
T24S	
1923	

from which,
 A twin oak, 6 ins. in diam., brs. N. 83° E., 271 lks. dist., marked T23S R19E S32 BT.
 A twin oak, 6 ins. in diam., brs. S. 64 1/2° E., 196 lks. dist., marked T24S R19E S5 BT.
 A white oak, 6 ins. in diam., brs. S. 51 1/2° W., 143 lks. dist., marked T24S R19E S6 BT.
 A white oak, 12 ins. in diam., brs. N. 27 1/2° W., 238 lks. dist., marked T23S R19E S31 BT.

Land, rolling and nearly level.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, oak and juniper.
 Undergrowth, scrub oak.
 Good grass.

 West, on true line, bet. secs. 6 and 31.
 Over rolling land, thru. scattering timber and undergrowth.
 Descend 20 ft., over W. slope.
 3.30 Wash, 20 lks. wide, course S. 25° W.
 Ascend 33 ft., over SE. slope, to
 7.60 East rim of mesa, brs. NE. and SW. Thence over nearly level land on mesa.
 24.75 Old road, brs. NE. and SW.
 30.70 West rim of mesa, brs. NE. and SW. Leave mesa. Enter rolling land.
 Descend 70 ft., over NW. slope, to
 35.50 Foot of descent, brs. NE. and SW.; enter level land.
 37.35 Wash, 30 lks. wide, course SW.
 Ascend 16 ft., over SE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

1/4 S 31
S 6
1923

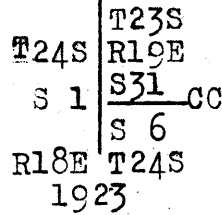
from which,
 An oak, 12 ins. in diam., brs. N. 46 1/2° W., 63 lks. dist., marked 1/4 S 31 BT.
 An oak, 14 ins. in diam., brs. S. 32 1/2° W., 100 lks. dist., marked 1/4 S 6 BT.

Ascend 75 ft., over SE. slope.
 54.00 Spur, slopes SW.
 Descend 48 ft., over W. slope.
 62.00 Wash, 15 lks. wide, course SW.
 Ascend 44 ft., over SE. slope.
 70.05 Ridge, brs. NE. and SW.
 Descend 67 ft., over NW. slope, to
 77.80 Foot of descent brs. NE. and SW. Thence over nearly level bench.

BOOK 3653

18. Survey of North bdy. of frac. Township 24 South, Range 19 East.
Chains.

80.46 Intersect E. bdy. of frac. T. 24 S., R. 18 E., at a point 13.30 chs. S. 0° 19' E. from the cor. of T. 23 S., R. 18 E., and frac. T. 24 S., R. 18 E., hereinbefore described.
At point of intersection,
Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground for closing cor. of T. 23 S., R. 19 E., and frac. T. 24 S., R. 19 E., marked on brass cap,



from which,
An oak, 12 ins. in diam., brs. N. 52° E., 67 lks. dist., marked T23S R19E S31 CC BT.
An oak, 14 ins. in diam., brs. S. 12° E., 81 lks. dist., marked T24S R19E S6 CC BT.

Land, rolling and nearly level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, oak.
Undergrowth, scrub oak.
Good grass.

Boundaries of frac. Township 24 South, Range 19 East.

Latitudes, Departures, and Closing Errors.

Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (U.S.-Mex. Bdy.)	S. 89° 43' W. N. 89° 53' W.	474.51 5.27	.01	2+35		474.51 5.27
West boundary,	N. 0° 9' W.	34.78	34.78			.09
	N. 0° 08' W.	120.36	120.36			.27
	N. 0° 9' W.	40.16	40.16			.10
	N. 0° 19' W.	66.78	66.78			.38
North boundary,	East,	480.46			480.46	
East boundary,	South,	259.84		259.84		
Convergency,					.24	
Totals,			262.09	262.19	480.70	480.62
				262.09	480.62	
Error in latitude,			0.10			
Error in departure,					0.08	

Survey of Subdivision lines of frac. Township 24 South, Range 19 E. 19

Chains.

Preliminary to the survey of the subdivision lines of this Tp., survey an Auxiliary Base Line due west, thru. the Tp. from the cor. of secs. 13 and 18, and frac. secs. 19 and 24 on the E. bdy. of the Tp., setting cors. at intervals of 40.00 chs., and a closing cor. at the point of intersection with the W. bdy. of the Tp. The survey of the meridional sec. lines are then initiated at the sec. cors. on the Auxiliary Base Line, and surveyed south and north therefrom.

The original cor. of secs. 13 and 18, and frac. secs. 19 and 24 on E. bdy. of the Tp., established by me in 1916, is an iron post 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly marked bearing trees, one each, NE., SE., SW. and NW. of cor.

Thence,
West, on Auxiliary Base Line, bet. sec. 13 and frac. sec. 24.

- Over rolling land, thru. scattering timber and undergrowth. Descend 12 ft., over SW. slope.
- 1.50 Wash, 10 lks. wide, course SE.
- Ascend 24 ft., over E. slope.
- 8.50 Spur, slopes SE.
- Descend 77 ft., over SW. slope.
- 19.97 Wash, 10 lks. wide, course S. 30° E.
- Ascend 107 ft., over E. slope, to
- 35.00 East rim of mesa, brs. N. and S. Leave rolling, and enter nearly level land on mesa.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 13
S 24
1923

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

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

- 78.00 Wire fence brs. N. 49 3/4° E. and S. 49 3/4° W.
- 78.16 Intersect line 3-4 of Forest Homestead No. 532 at a point 24.73 chs. S. 49° 43' W. from cor. No. 3 thereof.
- Continue line and measurement across H.E.S. No. 532.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post for cor. of secs. 13 and 14, and frac. secs. 23 and 24, marked on brass cap,

T24S | R19E
S14 | S13

S23 | S24
1923

from which,

- An oak, 10 ins. in diam., brs. S. 67° W., 154 lks. dist., marked T24S R19E S23 BT.
- An oak, 12 ins. in diam., brs. N. 85 3/4° W., 212 lks. dist., marked T24S R19E S14 BT.

No other bearing trees available.

From this cor., Cor. No. 3 of Forest Homestead No. 532, brs. N. 52° 18' E., 26.36 chs. dist.

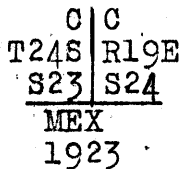
Land, rolling and nearly level.
Soil, gravelly and rocky, 3rd rate.
Timber, oak.
Undergrowth, scrub oak.
Good grass.

20 Survey of Subdivision lines of frac. Township 24 South, Range 9 East.

Chains.

- 1.56 S.0°1'E., bet. frac. secs. 23 and 24, within H.E.S.No. 532. Over nearly level land, thru. very scattering timber. Intersect line 3-4 of Forest Homestead No. 532 at a point 27.14 chs. S.49°43'W. from cor. No. 3 thereof. Leave H.E.S.No. 532.
- 1.64 Wire fence brs. N.49 $\frac{3}{4}$ °E. and S.49 $\frac{3}{4}$ °W.
- 19.44 Intersect N.bdy. of the 60 ft. Neutral Strip along the International Boundary bet. the United States and Mexico.

At this point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for closing cor. of frac. secs. 23 and 24, marked on brass cap,

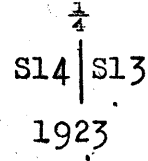


from which,
 An oak, 6 ins. in diam., brs. N.56 $\frac{1}{2}$ °E.; 20 lks. dist., marked T24S R19E S24 CC BT.
 An oak, 12 ins. in diam., brs. N.50 $\frac{1}{4}$ °W.; 125 lks. dist., marked T24S R19E S23 CC BT.

- 20.35 Continue measurement on a blank line; across Neutral Strip. Intersect the United States-Mexico International Boundary at a point 71.81 chs. N, 89°43'E. from Monument No. 105 thereon, hereinbefore described.
 Land, nearly level.
 Soil, gravelly and rocky, 2nd and 3rd rate.
 Timber, oak.
 Undergrowth, none.
 Good grass.

 From cor. of secs. 13 and 14, and frac. secs. 23 and 24, N.0°1'W., bet. secs. 13 and 14, within H.E.S.No. 532. Over nearly level land on mesa, thru. very scattering timber and undergrowth.

- 8.60 West rim of mesa, brs. NE and SW. Leave mesa. Enter gently rolling land.
- 16.02 Descend 57 ft., over NW. slope. Intersect line 2-3 of Forest Homestead No. 532 at a point 20.86 chs. S.89°43'W. from cor. No. 3 thereof. Wire fence brs. N.89 $\frac{3}{4}$ ° E. and S.89 $\frac{3}{4}$ °W. Leave H.E.S.No. 532.
- 35.60 Dry bed of Cave Creek, 20 lks. wide, course SW.
- 40.00 Ascend gradually over E. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

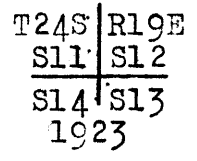


from which,
 A juniper, 12 ins. in diam., bears N.45 $\frac{1}{2}$ °E., 143 lks. dist., marked $\frac{1}{4}$ S 13 BT.
 An oak, 8 ins. in diam., brs. S.88 $\frac{1}{2}$ °W., 230 lks. dist., marked $\frac{1}{4}$ S 14 BT.

- 41.03 Ascend slightly over E. slope, to Dry bed of Joaquin Creek, 20 lks. wide, course SE.
- 59.25 Ascend 134 ft., over S. slope. Old road, brs. NW. and SE.
- 63.90 Rim of mesa, brs. NE. and SW. Thence over nearly level land on mesa.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, marked

Survey of the Subdivision lines of frac. Township 24 S., R.19 E. 21 Chains.

on brass cap,



No bearing trees available.
 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling and nearly level.
 Soil, gravelly and rocky, 3rd and 4th rate.
 Timber, oak and juniper.
 Undergrowth, scrub oak.
 Good grass.

- 40.00 East, on a random line, bet. secs. 12 and 13.
- 79.86 Set temp. ¼ sec. cor.
- 79.86 Fall 5 lks. S. of the true point for cor. of secs. 7, 12, 13 and 18 on E. bdy. of Tp. to which a witness cor. was established by me in 1916 at a point 50 lks. S. This W.C. is an iron post 2 ins. in diam., projecting 14 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly marked bearing trees, one each NE., SE., SW. and NW of cor. The sec. cor. point is in wash, 15 lks. wide, course SW.
- From point for cor. of secs. 7, 12, 13 and 18, S. 89° 58' W., on true line, bet. secs. 12 and 13.
- Over rolling land, thru. scattering timber and undergrowth.
- .60 Ascend 9 ft., over SE. slope.
- .60 Top of right bank of wash, brs. NE. and SW.
- 8.80 Descend gradually over SW. slope.
- 8.80 Wash, 25 lks. wide, course SW.
- 19.00 Ascend 46 ft., over SE. slope.
- 19.00 Low ridge, brs. NE. and SW.
- 32.16 Descend 98 ft., over W. slope.
- 32.16 Dry bed of Cave Creek, 30 lks. wide, course S.
- 34.31 Ascend 25 ft. over E. slope.
- 34.31 Wire fence brs. N. 21° W. and S. 21° E.
- 37.36 Top of creek bank, brs. N. and S. Leave rolling, and enter nearly level land.
- 39.93 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, to bedrock, supported in a mound of stone, for ¼ sec. cor., marked on brass cap,
- ¼ S 12
- S 13
- 1923
- from which,
- An oak, 8 ins. in diam., brs. N. 70° E., 230 lks. dist., marked ¼ S 12 BT.
- An oak, 6 ins. in diam., brs. S. 76° W., 30 lks. dist., marked ¼ S 13 BT.
- Continue over nearly level land, thru. scattering timber and undergrowth.
- 55.25 Intersect line 1-4 of Forest Homestead No. 302 at a point 20.32 chs. N. 11° 26' E. from cor. No. 1 thereof.
- 56.04 Top of creek bank, brs. N. and S. Leave nearly level, and enter rolling land.
- 60.81 Descend 32 ft., over W. slope.
- 60.81 Dry bed of Bear Creek, 25 lks. wide, course S. Thence over nearly level bottom land.
- 63.69 Wire fence brs. N. 79½° W. and S. 79½° E.
- 69.80 Ascend 50 ft., over E. slope.
- 74.75 Rim of mesa, brs. N. 10° E. and S. 10° W. Thence over nearly level land on mesa.
- 75.40 Wire fence brs. N. 10½° E. and S. 10½° W.
- 75.74 Intersect line 2-3 of Forest Homestead No. 302 at a point 16.52 chs. N. 10° 52' E. from cor. No. 2 thereof. Leave H.E.S. No. 302.
- 79.86 The cor. of secs. 11, 12, 13, and 14,

BOOK 3653

22 Survey of Subdivision lines of frac. Township 24 South, Range 19 East.

Chains.

Land, rolling and nearly level.
Soil, gravelly, 3rd rate.
Timber, oak and juniper.
Undergrowth, scrub oak.
Good grass.

7.45
40.00

N.0°1'W., bet. secs. 11 and 12.
Over nearly level open land on mesa.
Wire fence, brs. N.8°E. and S.8°W.
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ \hline S11 | S12 \\ \hline 1923 \end{array}$$
50.03
64.63
72.80

No bearing trees available.
Continue over nearly level open land on mesa.
Wire fence, brs. E. and W.
Road, brs. SE. and NW.
West rim of mesa, brs. NE. and SW. Leave nearly level land on mesa. Enter rolling land and scattering timber.

80.00

Descend 22 ft., over NW. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked on brass cap,

$$\begin{array}{c} T24S | R19E \\ \hline S 2 | S 1 \\ \hline S11 | S12 \\ \hline 1923 \end{array}$$

from which,

- A twin oak, 8 ins. in diam., brs. N.6 $\frac{1}{2}$ °E., 107 lks. dist., marked T24S R19E S1 BT.
- An oak, 28 ins. in diam., brs. S.4°W., 177 lks. dist., marked T24S R19E S11 BT.
- An oak, 28 ins. in diam., brs. S.70 $\frac{1}{4}$ °E., 162 lks. dist., marked T24S R19E S12 BT.
- An oak, 6 ins. in diam., brs. N.80°W $\frac{1}{4}$, 65 lks. dist., marked T24S R19E S2 BT.

From this sec. cor., Cor. No. 2 of H.E.S. No. 301 brs. S.43° 02'W., 28.80 chs. dist.

Land, nearly level and rolling.
Soil, gravelly, 3rd rate.
Timber, oak in N. 7 chs. only.
Undergrowth, none.
Good grass.

40.00
79.78

N.89°58'E., on a random line, bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
Fall 2 lks. N. of the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp., established by me in 1916, which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by four properly marked bearing trees, one each NE., SE., SW. and NW. of cor.

Thence,
S.89°59'W., on true line, bet. secs. 1 and 12.
Over rolling land, thru. dense timber and scattering undergrowth.
Descend 40 ft., over NW. slope.

Survey of Subdivision lines of frac. Township 24 South, Range 19 East. 23

Chains.

2.13 Dry bed of Cave Creek, 15 lks. wide, course SW.
Ascend 52 ft., over SE. slope, to
13.98 SE. edge of top of ridge, brs. NE. and SW., thence across
nearly level top of ridge, bearing NE and SW.
18.98 NW. edge of top of ridge, brs. NE. and SW. Leave top of
ridge.
Descend 133 ft., over NW. slope.
36.78 Dry bed of Bear Creek, 50 lks. wide, course S. 40° W.; thence
over nearly level bottom land.
39.89 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 1
S. 12
1923
from which,
A walnut, 18 ins. in diam., brs. N. 77 $\frac{1}{2}$ ° W., 17 lks.
dist., marked $\frac{1}{4}$ S 1 BT.
A sycamore, 36 ins. in diam., brs. S. 4° E., 43 lks.
dist., marked $\frac{1}{4}$ S 12 BT.
From this $\frac{1}{4}$ sec. cor., Cor. No. 4 of H. E. S. No. 302 brs.
S. 49 $\frac{1}{2}$ ° W., 32.10 chs. dist.
Continue across nearly level bottom land.
43.00 Leave nearly level bottom land.
46.00 Ascend 11 ft., over SE. slope, to
East rim of mesa, brs. NE. and SW. Thence over nearly level
land on mesa.
50.00 Leave dense, and enter scattering timber, brs. N. and S.
50.33 Road, brs. N. and S.
75.00 W. rim of mesa, brs. NE. and SW. Leave mesa. Enter rolling land.
Descend 34 ft., over NW. slope, to
79.78 The cor. of secs. 1, 2, 11 and 12.
Land, rolling and nearly level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, oak, walnut and sycamore.
Undergrowth, scrub oak.
Good grass.

N. 0° 1' W., on a random line, bet. secs. 1 and 2.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.16 Intersect N. bdy. of Tp., 16 lks. E. of the cor. of secs. 1,
2, 35 and 36, hereinbefore described.
Thence,
S. 0° 9' E., on true line, bet. secs. 1 and 2.
Over rolling land, thru. scattering timber and undergrowth.
Ascend slightly over NW. slope, to
1.00 Foot of vertical rock bluff, 10 ft. high, bearing E. 50 lks.
and W. 75 lks. dist. From top of bluff.
Ascend 26 ft., over NW. slope.
6.00 Spur, slopes SW.
Descend 62 ft., over S. slope, to
19.26 Wash, 15 lks. wide, course W.
Ascend 10 ft., over N. slope.
23.75 Descend 17 ft., over S. slope.
28.36 Wash, 30 lks. wide, course W.
Ascend 25 ft., over N. slope.
31.36 Spur, slopes W.
Descend 27 ft., over SW. slope, to
40.16 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
S 2 | S 1
1923

from which,
A cedar, 6 ins. in diam., brs. N. 62° W., 114 lks.
dist., marked $\frac{1}{4}$ S 2 BT.
An oak, 8 ins. in diam., brs. S. 68 $\frac{3}{4}$ ° E., 177 lks.
dist., marked $\frac{1}{4}$ S 1 BT.

BOOK 3653

24 Survey of Subdivision lines of frac. Township 24 South, Range 19 East

Chains.

- 48.00 Descend gradually over W. slope.
 49.16 Ascend 8 ft., over NW. slope.
 49.16 Spur, slopes SW.
 57.58 Descend 16 ft., over S. slope.
 57.58 Foot of descent.
 63.26 Ascend 8 ft., over NW. slope.
 63.26 Spur, slopes SW.
 69.66 Descend 38 ft., over SE. slope.
 69.66 Wash, 10 lks. wide, course SW.
 72.36 Ascend 40 ft., over NW, slope to sec. cor.
 72.36 Road, brs. NE. and SW.
 80.16 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling.
 Soil, gravelly, and rocky, 3rd and 4th rate.
 Timber, oak and juniper.
 Undergrowth, scrub oak.
 Good grass.
-
- From cor. of secs. 13 and 14, and frac. secs. 23 and 24.
 West on Auxiliary Base Line, bet. sec. 14 and frac. sec. 23,
 across H.E.S. No. 532.
 Over nearly level land on mesa, thru. scattering timber
 and undergrowth.
- 2.10 West rim of mesa, brs. N. and SW. Enter rolling land.
 Descend 97 ft., over W. slope.
- 13.50 Foot of descent; enter nearly level bottom land, brs. NE.
 and SW.
- 13.91 Wire fence, brs. N. and S.
 21.94 Wire fence, brs. NE. and SW.
 23.79 Dry bed of Cave Creek, 30 lks. wide, course SW. Enter roll-
 ing land.
- 29.10 Ascend 95 ft., over SE. slope to $\frac{1}{4}$ sec. cor.
 Daniel L. Peoples' house brs. S. 325 lks. dist.
- 29.60 Road brs. SW. and NW.
 30.60 Wash, 10 lks. wide, course SE.
 39.80 Wire fence brs. N. $49\frac{1}{2}^{\circ}$ E. and S. $49\frac{1}{2}^{\circ}$ W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
- $\frac{1}{4}$ S 14
 S 23
 1923
- No bearing trees available. Raise a mound of stone 2 ft.
 base, $1\frac{1}{2}$ ft. high, N. of cor.
 Continue over rolling land, thru. scattering timber and
 undergrowth.
- 40.16 Intersect line 1-2 of Forest Homestead No. 532 at a point
 24.54 chs, S. $49^{\circ} 43' W.$ from cor. No. 2 thereof. Leave
 H.E.S. No. 532.
- 48.60 Spur, slopes SE.
 Descend 102 ft., over SW. slope.
- 67.00 Wash, 30 lks. wide, course S. $25^{\circ} E.$
 Ascend 100 ft., over NE. slope to sec. cor.
- 70.00 Leave timber, brs. N. and S.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in
 the ground to bed rock, deposit a stone, marked with
 a cross (x) at base of post, and raise a mound of stone
 around post, for cor. of secs. 14, 15, 22 and 23, marked
 on brass cap,

T24S | R19E
 S15 | S14
 S22 | S23
 1923

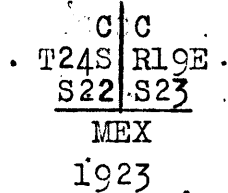
No bearing trees available.
 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling and nearly level.
 Soil, gravelly, 3rd rate.

Survey of Subdivision lines of frac. Township 24 South, Range 19 East. 25

Chains.

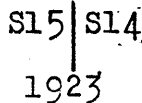
Timber, oak and juniper.
Undergrowth, scrub oak and scrub juniper.
Good grass.

10.00 From cor. of secs. 14 and 15, and frac.secs.22 and 23,
S.0°1'E., on true line, bet. frac.secs.22 and 23.
Over rolling open land.
Ascend 45 ft., over NE.slope, to
East rim of mesa, bearing NW, and SE.; thence over nearly
level land, on mesa.
19.85 Intersect N. bdy. of the 60 ft. Neutral Strip along the
United States- Mexico International Boundary.
At this point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground for closing cor. of frac.secs.22 and 23,
marked on brass cap,



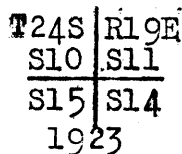
20.76 No bearing trees available. Raise a mound of stone, 2
ft. base, 1½ ft. high, N. of cor.
Continue measurement on blank line across Neutral Strip.
Intersect the United States-Mexico International Boundary
at a point 8.24 chs. S.89° 43'W. from Monument No. 105
thereon, hereinbefore described.
Land, rolling and nearly level.
Soil, gravelly, 3rd rate.
Timber, none.
Undergrowth, none.
Good grass.

19.06 From cor. of secs. 14 and 15, and frac.secs.22 and 23;
N.0°1'W., bet. secs.14 and 15.
Over rolling open land.
Descend 60 ft., over NE.slope.
Wash, 30 lks. wide, course SE.
Ascend 74 ft., over S.slope, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for ¼ sec. cor., marked on brass cap,



from which,
An oak, 12 ins. in diam., brs. N.4°W., 120 lks.
dist., marked ¼ S 15 BT.
An oak, 12 ins. in diam., brs. S.71½°E., 201 lks.
dist., marked ¼ S 14 BT.

Continue over rolling, open land.
Ascend 34 ft., over S.slope, to
45.00 Rim of mesa, brs. NE. and SW. Thence over level open land,
on mesa.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in
the ground to bed rock, deposit a stone, marked with a
cross (x) at base of post, and raise a mound of stone
around post, for cor. of secs. 10, 11, 14 and 15, marked
on brass cap,



BOOK 3653

26 Survey of Subdivision lines of frac. Township 24 South Range 19 E.

Chains.

from which,
 A white oak, 12 ins. in diam., brs. N. $12\frac{3}{4}^{\circ}$ E.,
 240 lks. dist., marked T24S R19E S11 BT.
 A white oak, 6 ins. in diam., brs. N. 30° W., 181
 lks. dist., marked T24S R19E S10 BT.
 No other bearing trees available.
 Land, rolling and level.
 Soil, gravelly and rock, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, none.
 Good grass.

East, on a random line, bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 8 lks. S. of the cor. of secs. 11,
 12, 13 and 14.
 Thence
 S. $89^{\circ}57'$ W., on true line, bet. secs. 11 and 14.
 Over nearly level, open land on mesa.
 .96 Wire fence brs. N. 8° E. and S. 8° W.
 4.20 West rim of mesa, brs. N. 10° E. and S. 10° W. Enter rolling
 land.
 Descend 58 ft., over NW. slope; enter scattering timber
 and undergrowth.
 10.26 Wash, 10 lks. wide, course SW.
 Ascend 16 ft., over SE. slope.
 16.61 Point of low spur, slopes S.
 Descend 44 ft., over W. slope.
 22.40 Intersect line 1-5 of Forest Homestead No. 539 at a point
 13.85 chs. N. $29^{\circ}47'$ E. from cor. No. 1 thereof.
 Thence across H.E.S. No. 539.
 26.41 The NW. cor. of John B. Chapman's house brs. S. 3.00 chs.
 dist.
 29.58 Dry bed of Joaquin Creek, 25 lks. wide, course S.
 Ascend 40 ft., over SE. slope to $\frac{1}{4}$ sec. cor.
 33.76 NW. cor. of stone house on line.
 35.83 Wire fence brs. NE and SW.
 39.06 Wire fence brs. NW and SE.
 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 11
 S 14
 1923

from which,
 An oak, 12 ins. in diam., brs. N. $39\frac{1}{4}^{\circ}$ E., 204
 lks. dist., marked $\frac{1}{4}$ S 11 BT.
 An oak, 12 ins. in diam., brs. S. $31\frac{1}{2}^{\circ}$ W., 332
 lks. dist., marked $\frac{1}{4}$ S 14 BT.
 From this $\frac{1}{4}$ sec. cor.,
 Cor. No. 2 of H.E.S. No. 539 brs. N. $44^{\circ}20'$ W., 14.20 chs. dist.
 Ascend gradually over SE. slope.
 40.12 Intersect line 1-2 of Forest Homestead No. 539 at a point
 14.14 chs. S. $44^{\circ}36'$ E. from cor. No. 2 thereof. Leave
 H.E.S. No. 539.
 Ascend 43 ft., over NE. slope.
 41.64 Road, brs. NW. and SE.
 43.61 Wash, 10 lks. wide, course SE.
 Ascend 45 ft., over E. slope.
 60.00 East edge of top of ridge, brs. NW. and SE.; thence across
 level top of ridge, bearing NW. and SE.
 64.00 Road, brs. NW. and SE. at W. edge of ridge. Enter rolling
 land. Descend 59 ft., over NW. slope.
 73.11 Wash, 30 lks. wide, course S. Asc. 57 ft., over E. slope, to
 77.20 E. rim of mesa, brs. N. and S. Leave timber. Enter level land.
 80.06 The cor. of secs. 10, 11, 14 and 15.
 Land, nearly level, rolling and level.
 Soil, gravelly, 3rd rate.
 Timber, oak and juniper.
 Undergrowth, scrub oak. Good grass.

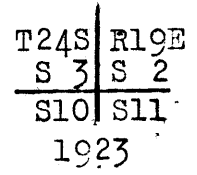
Survey of Subdivision lines of frac. Township 24 South, Range 19. 27

Chains.

N.0° 1'W., bet. secs.10 and 11.
 Over level open land on mesa.
 5.00 East rim of mesa, brs.NW. and SE. Leave mesa. Enter gently rolling land and scattering timber.
 Descend 20 ft., over NE.slope, to
 11.00 Foot of descent, brs.NW.and SE. Enter level land.
 16.85 Wash, 10 lks.wide, course S.30°E. Leave timber, brs.NW. and SE.
 20.00 Leave level, and enter gently rolling land.
 Ascend 30 ft., over SW.slope to $\frac{1}{4}$ sec.cor.
 21.10 Road brs.N.60°W. and S.60°E.
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 10 ins.in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec.cor., marked on brass cap,



No bearing trees available.
 Ascend 20 ft., over SW.slope.
 44.50 Top of ascent on W. side of hill, bearing E. and W.
 Descend 18 ft., over NW.slope.
 49.00 Ascend slightly over W.slope, to
 59.50 Bend in wash, 10 lks.wide, course SW. from NW. joined at this point by wash from NE.
 Ascend 20 ft., over SE.slope.
 69.00 Point of low spur, slopes SE.
 Ascend slightly over E.slope, to
 78.80 Wash, 10 lks.wide, course S.20°E. Enter scattering timber.
 Ascend slightly over SW.slope, to
 80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 27 ins.in the ground for cor.of sees.2,3,10 and 11, marked on brass cap,



from which,
 An oak, 8 ins.in diam., brs.N.32 $\frac{1}{2}$ °E., 111 lks. dist., marked T24S R19E S2 BT.
 An oak, 12 ins.in diam., brs.S.48 $\frac{1}{2}$ °E., 140 lks. dist., marked T24S R19E S11BT.
 An oak, 18 ins.in diam., brs.S.79 $\frac{1}{2}$ °W., 258 lks. dist., marked T24S R19E S10 BT.
 An oak, 16 ins. in diam., brs.N.44 $\frac{1}{2}$ °W., 233 lks. dist., marked T24S R19E S3 BT.

Land, level and gently rolling.
 Soil, gravelly and rocky, 2nd and 3rd rate.
 Timber, oak.
 Undergrowth, none.
 Good grass.

 N.89°57'E., on a random line, bet. secs.2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.94 Intersect N. and S. line, 8 lks.N.of the cor.of secs.1,2, 11 and 12.
 Thence,
 West, on true line, bet. secs.2 and 11.
 Over gently rolling land, thru. scattering timber.
 Descend 46 ft., over NW.slope.
 7.74 Road, brs.N.and S.
 11.54 Wash, 10 lks.wide, course SW.
 Ascend gradually over SE.slope.
 16.45 Intersect line 1-2 of Forest Homestead No.301, at a point 6.10 chs.S.8°39'W., from cor.No.1 thereof. Thence across H.E.S. No.301.

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28 Survey of Subdivision lines of frac. Township 24 South, Range 19 East.

Chains.		
18.24	Wire fence brs. NW. and SE.	
29.00	Descend gradually over S. slope, to	
39.97	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap,	
	$\frac{1}{4}$ S 2	
	S 11	
	1923	
	from which,	
	An oak, 12 ins. in diam., brs. N. $12\frac{3}{4}^{\circ}$ E., 82 lks. dist., marked $\frac{1}{4}$ S 2 BT.	
	An oak, 6 ins. in diam., brs. S. 38° W., 56 lks. dist., marked $\frac{1}{4}$ S 11 BT.	
	Descend gradually over S. slope.	
42.00	SW. end of low ridge, brs. NE. and SW.	
	Descend 30 ft., over W. slope.	
45.64	Fred Kellog's house brs. South, 3.00 chs. dist.	
50.84	Dry bed of Joaquin Creek, 30 lks. wide, course S.	
	Ascend gradually over SE. slope.	
51.71	Wire fence, brs. N. and S. Leave timber; enter cultivated land, extends N. about 150 lks. and S. 25 lks. dist.;	
54.27	Wire fence brs. N. and S.; leave cultivated land, brs. N. about 200 lks. and S. 250 lks. dist.; enter scattering timber.	
54.90	Wash, 20 lks. wide, 10 ft. deep, course SE. Enter rolling land.	
	Ascend 74 ft., over E. slope.	
56.70	Wire fence brs. N. and S.	
57.64	Intersect line 3-4 of Forest Homestead No. 301 at a point 22.98 chs. N. $4^{\circ} 13'$ W. from cor. No. 3 thereof. Leave H.E. S. No. 301.	
65.56	East edge of top of ridge, brs. N. and S.; thence over nearly level top of ridge, bearing N. and S.	
74.19	Old road, brs. N. and S.	
75.00	West edge of top of ridge brs. NW. and S. Leave ridge. Enter gently rolling land.	
	Descend 10 ft., over SW. slope, to	
79.94	The cor. of secs. 2, 3, 10 and 11.	
	Land, gently rolling, nearly level and rolling.	
	Soil, gravelly and rocky, 2nd and 3rd rate.	
	Timber, oak.	
	Undergrowth, none.	
	Good grass.	

	N. $0^{\circ} 1'$ W., on a random line, bet. secs. 2 and 3.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.18	Intersect N. bdy. of Tp. 25 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.	
	Thence,	
	S. $0^{\circ} 12'$ E., on true line, bet. secs. 2 and 3.	
	Over rolling land, thru scattering timber and undergrowth.	
	Descend 75 ft., over E. and SE. slopes, to	
15.08	Wash, 10 lks. wide, course SE. Thence over nearly level land, sloping slightly to the SE. and E.	
23.28	Wash, 30 lks. wide, course SE.	
34.65	Wash, 15 lks. wide, course E.	
36.38	Wash, 10 lks. wide, course E.	
	Continue over nearly level land,	
	Ascend slightly over N. slope, to	
40.18	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,	
	$\frac{1}{4}$	
	S 3 S 2	
	1923	
	from which,	
	A twin oak, 12 ins. in diam., brs. N. $82\frac{1}{4}^{\circ}$ W., 130 lks. dist., marked $\frac{1}{4}$ S 3 BT.	

Survey of Subdivision lines of frac. Township 24 South, Range 19 East, 20

Chains. An oak, 18 ins. in diam., brs. S. 83° E., 30 lks. dist., marked $\frac{1}{4}$ S 2 BT.
 Leave nearly level, and enter rolling land.
 Ascend 53 ft., over N. slope, to
 46.78 Rim of mesa, brs. E and W. Leave rolling and enter nearly level land on mesa.
 60.38 Old road, brs. N. 20° W. and S. 20° E.
 77.58 Rim of mesa, brs. NW. and SE. Leave mesa; enter gently rolling land.
 80.18 Descend 15 ft., over SW. slope, to
 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling and nearly level.
 Soil, gravelly and rocky, 2nd and 3rd rate.
 Timber, oak.
 Undergrowth, scrub oak.
 Good grass.

 From the cor. of secs. 14 and 15, and frac. secs. 22 and 23, West, on Auxiliary Base Line, bet. sec. 15, and frac. sec. 22.

Over rolling open land.
 Ascend 61 ft., over NE. slope, to
 8.30 East rim of mesa, thence over nearly level open land on mesa, brs. N. 20° W. and S. 20° E.
 36.00 West rim of mesa, brs. N. 10° W. and S. 10° E. Leave mesa; enter rolling land and scattering timber.
 Descend 21 ft., over W. slope.
 38.50 Wash, 5 lks. wide, course SW.
 Ascend slightly over SE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 15
 S 22
 1923

from which,

An oak, 10 ins. in diam., brs. N. 82 $\frac{1}{2}$ ° E., 150 lks. dist., marked $\frac{1}{4}$ S 15 BT.
 An oak, 12 ins. in diam., brs. S. 57 $\frac{1}{4}$ ° E., 173 lks. dist., marked $\frac{1}{4}$ S 22 BT.

Ascend 14 ft., over SE. slope.
 45.00 Point of low spur, slopes S.
 Descend 40 ft., over SW. slope.
 50.00 Draw, course S.
 Ascend 50 ft., over E. slope, to
 63.00 Rim of mesa, brs. N. and S. Leave timber. Thence over nearly level, open land on mesa.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 15 and 16, and frac. secs. 21 and 22, marked on brass cap,

T24S | R19E
 S16 | S15
 S21 | S22
 1923

No bearing trees available.
 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling and nearly level.
 Soil, gravelly and rocky, 2nd and 3rd rate.
 Timber, oak.
 Undergrowth, none.
 Good grass.

 From cor. of secs. 15 and 16, and frac. secs. 21 and 22, S. 0° 2' E., on a true line, bet. frac. secs. 21 and 22.
 Over nearly level open land, sloping slightly to the SW.
 20.37 Intersect the N. bdy. of the 60 ft. Neutral Strip along the United States-Mexico International Boundary.

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30 Survey of Subdivision lines of frac. Township 24 South, Range 19 East

Chains.

At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground for closing cor. of frac. secs. 21 and 22,
marked on brass cap,

C	C
T24S	R19E
S21	S22.
MEX	
1923	

- No bearing trees available.
Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Continue measurement, on blank line, across Neutral Strip.
21.28 Intersect the United States-Mexico International Boundary
at a point 88.33 chs, S. 89° 43' W. from Monument No.
105 thereon, hereinbefore described.
Land, nearly level.
Soil, gravelly, 2nd rate.
Timber, none.
Undergrowth, none.
Good grass.

- From the cor. of secs. 15 and 16, and frac. secs. 21 and 22,
N. 0° 2' W., bet. secs. 15 and 16.
Over nearly level open land, on mesa.
9.20 Rim of mesa, brs. NE. and SW. Leave mesa. Enter rolling,
land.
Descend 32 ft., over NW. slope.
16.00 Draw, course SW.
Ascend 61 ft., over SW. slope.
23.60 Rim of same mesa, brs. NW. and SE. Thence over nearly level
land on mesa.
30.70 Same mesa rim, brs. NE. and SW. Leave mesa.
Descend 31 ft., over NW. slope, to
33.60 Foot of descent, brs. NE. and SW. Thence over nearly level
land. Enter scattering timber and undergrowth.
39.50 Wash, 50 lks. wide, course S. 35° W. Continue over nearly
level land.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground for ¼ sec. cor., marked on brass cap,

¼	¼
S16	S15
1923	

from which,

- An oak, 6 ins. in diam., brs. N. 77° W., 63 lks.
dist., marked ¼ S 16 BT.
An oak, 24 ins. in diam., brs. S. 30½° E., 312 lks.
dist., marked ¼ S 15 BT.
41.00 Leave nearly level, and enter rolling land.
Ascend 61 ft., over SE. slope, to
48.85 Rim of mesa, brs. NE. and SW. Thence over nearly level
land, sloping slightly to the SW.
75.40 Road, brs. NE. and SW. Leave mesa. Enter rolling land.
78.75 Rim of mesa, brs. NE. and SW. Leave mesa. Enter rolling land.
Descend 10 ft., over NW. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in
the ground to bed rock, supported in a mound of stone,
for cor. of secs. 9, 10, 15 and 16, marked on brass cap,

T24S	R19E
S 9	S10
S16	S15
1923	

from which,

- An oak, 14 ins. in diam., brs. N. 25° E., 42 lks.
dist., marked T24S R19E S10 BT.

Survey of Subdivision lines of frac. Township 24 South, Range 19 East. 31

Chains.

An oak, 12 ins. in diam., brs. S. 22° E., 57 lks. dist., marked T24S R19E S15 BT.
An oak, 12 ins. in diam., brs. S. 61 1/2° W., 150 lks. dist., marked T24S R19E S16 BT.
An oak, 10 ins. in diam., brs. N. 63° W., 21 lks. dist., marked T24S R19E S9 BT.

Land, nearly level and rolling.
Soil, gravelly and rocky, 2nd and 3rd rate.
Timber, oak.
Undergrowth, scrub oak.
Good grass.

40.00 East, on a random line, bet. secs. 10 and 15.
Set temp. 1/4 sec. cor.
80.02 Intersect N. and S. line, 8 lks. N. of the cor. of secs. 10, 11, 14 and 15.
Thence,
N. 89° 57' W., on a true line, bet. secs. 10 and 15.
Over nearly level land on mesa, thru. scattering timber and undergrowth.
5.00 West rim of mesa, brs. N. and S. Leave mesa. Enter gently rolling land.
Descend 13 ft., over W. slope.
8:25 Wash, 15 lks. wide, course S. 10° E.; thence over nearly level land, sloping slightly to the SE.
23.42 Wash, 15 lks. wide, course S. 15° E. Enter rolling land.
Ascend 51 ft., over E. slope.
39.90 Spur, slopes S.
Descend slightly to
40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

1/4 S 10
S 15
1923

from which,
An oak, 6 ins. in diam., brs. N. 83° W., 273 lks. dist., marked 1/4 S 10 BT.
An oak, 20 ins. in diam., brs. S. 53 1/2° W., 158 lks. dist., marked 1/4 S 15 BT.

Descend 46 ft., over W. slope.
47.71 Draw, course SW.
Ascend 58 ft., over SE. slope.
60.21 Rim of mesa, brs. NE. and SW.; thence over nearly level land on mesa.
73.81 Road, brs. NE. and SW.
75.00 Rim of mesa, brs. NE. and SW. Leave mesa. Enter rolling land.
Descend 28 ft., over NW. slope, to
80.02 The cor. of secs. 9, 10, 15 and 16.
Land, nearly level and rolling.
Soil, gravelly and rocky, 2nd and 3rd rate.
Timber, oak.
Undergrowth, scrub oak.
Good grass.

N. 0° 2' W., bet. secs. 9 and 10.
Over rolling land, thru. scattering timber and undergrowth.
Descend 40 ft., over NW. slope.
3.80 Wash, 10 lks. wide, course SW.
Ascend 46 ft., over S. slope.
7.64 Road, brs. E. and W.
9.30 Top of hill, brs. E. and W.
Descend 57 ft., over N. slope.
14.20 Draw, 300 lks. wide, course S. 50° W.
Ascend 81 ft., over SE. slope.
28.60 Spur, slopes SW.

BOOK 3653

32 Survey of Subdivision lines of frac. Township 24 South, Range 19 E.

Chains

35.50 Descend 11 ft., over NW slope.
Draw, 25 lks. wide, course SW.
Ascend gradually over SW slope, to

38.50 Antelope Wash, 25 lks. wide, course S. 35° W.
Ascend 8 ft., over SE slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 9 \text{ | S } 10 \\ \hline 1923 \end{array}$$

from which,

An oak, 10 ins. in diam., brs. N. 24 $\frac{1}{4}$ ° W., 21 lks. dist., marked $\frac{1}{4}$ S 9 BT.

An oak, 14 ins. in diam., brs. N. 17 $\frac{3}{4}$ ° E., 160 lks. dist., marked $\frac{1}{4}$ S 10 BT.

Continue over rolling land, thru. scattering timber and undergrowth.

76.70 Ascend 97 ft., over SE slope, to
Rim of mesa, brs. NE. and SW. Thence over nearly level land, on mesa.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

$$\begin{array}{c} \text{T24S | R19E} \\ \hline \text{S } 4 \text{ | S } 3 \\ \hline \text{S } 9 \text{ | S } 10 \\ \hline 1923 \end{array}$$

from which,

An oak, 12 ins. in diam., brs. S. 10° E., 342 lks. dist., marked T24S R19E S10 BT.

An oak, 6 ins. in diam., brs. S. 1 $\frac{1}{4}$ ° W., 368 lks. dist., marked T24S R19E S9 BT.

No other bearing trees available.

Land, rolling and nearly level.

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

Timber, oak.

Undergrowth, scrub oak.

Good grass.

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

80.04 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence

N. 89° 58' W., on true line, bet. secs. 3 and 10.

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

2.00 Descend gradually over SW slope.

Wash, 10 lks. wide, course SE.

Ascend gradually over NE slope, to

5.00 East rim of mesa, brs. NW. and SE.; thence over nearly level land. Leave timber.

20.00 West rim of mesa, brs. N. and S. Enter rolling land.

Descend 29 ft., over W. slope.

24.74 Wash, 10 lks. wide, course S.

Ascend 34 ft., over E. slope, to

30.00 E. rim of mesa, brs. N. and S.; thence over nearly level land on mesa.

40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, with a stone marked with a cross (x) deposited at base of post for $\frac{1}{4}$ sec. cor., marked on brass cap,

Survey of Subdivision lines of frac. Township 24 South, Range 19 East. 33

Chains.

$\frac{1}{4}$ S 3
 S 10
 1923

No bearing trees available.
 Continue over nearly level land on mesa, thru. scattering timber and undergrowth.
 45.00 West rim of mesa, brs. N. 20° E. and S. 20° W. Leave mesa. Enter rolling land.
 Descend 92 ft., over NW. slope.
 62.24 Antelope Wash, 20 lks. wide, course SW.
 Ascend 63 ft., over SE. slope, to
 75.00 Rim of mesa, brs. NE and SW. Thence over nearly level land on mesa.
 80.04 The cor. of secs. 3, 4, 9 and 10.
 Land, gently rolling, nearly level and rolling.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, oak.
 Undergrowth, scrub oak.
 Good grass.

 40.00 N. 0° 12' W., on a random line, bet. secs. 3 and 4.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. bdy. of Tp., 32 lks. W. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.
 Thence,
 S. 0° 2' W., on true line, bet. secs. 3 and 4.
 Over rolling land, thru. scattering timber and undergrowth.
 Ascend 15 ft., over NW. slope, to
 2.00 Rim of mesa, brs. NE. and SW. Thence over nearly level land on mesa.
 14.00 Same mesa rim, brs. NW. and SE. Leave mesa. Enter rolling land.
 Descend 100 ft., over SW. slope, to
 39.98 Set an iron post, 3 ft. long, 1 in. in diam., 3 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 S 4 | S 3
 1923

from which,
 An oak, 4 ins. in diam., brs. N. 75 $\frac{1}{2}$ ° W., 42 lks. dist., marked BT.
 An oak, 8 ins. in diam., brs. S. 38 $\frac{1}{2}$ ° E., 26 lks. dist., marked $\frac{1}{4}$ S 3 BT.
 Descend 90 ft., over SW. slope.
 51.38 Wash, 15 lks. wide, course SW.
 Ascend 79 ft., over NW. slope, to
 61.98 Rim of mesa, brs. NE and SW. Enter nearly level land on mesa.
 67.72 Old road, brs. NE. and SW.
 79.98 The cor. of secs. 3, 4, 9 and 10.
 Land, rolling and nearly level.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, oak.
 Undergrowth, scrub oak.
 Good grass.

 From the cor. of secs. 15 and 16, and frac. secs. 21 and 22, West, on Auxiliary Base Line, bet. sec. 16 and frac. sec. 21. Over nearly level land, on mesa, thru. very scattering timber.
 1.00 West rim of mesa, brs. N. and S. Leave mesa. Enter rolling land.
 Descend 75 ft., over W. slope.

34 Survey of Subdivision lines of frac. Township 24 South Range 19 East.

Chains.

- 10.00 Draw, 50 lks. wide, course S.
Ascend 34 ft., over E. slope.
- 17.70 Top of hill, brs. N. and S.
Descend 12 ft., over W. slope.
- 22.60 Draw, 10 lks. wide, course S.
Ascend 45 ft., over E. slope.
- 28.04 Spur, slopes SE.
Descend 20 ft., over SW. slope.
- 33.20 Draw, course S.
Ascend 36 ft., over E. slope.
- 39.00 Spur, slopes SE.
Ascend slightly over S. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 16
S. 21
1923

- No bearing trees available. Raise a mound of stone, 2 ft.
base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 48.50 Ascend 34 ft., over S. and SE. slopes, to
East rim of mesa, brs. N. and S. Thence over nearly level
land on mesa.
- 57.58 West rim of mesa, brs. N. and S. Leave mesa. Enter roll-
ing land.
Descend 126 ft., over W. slope.
- 64.45 Intersect line 6-7 of Forest Homestead No. 299 at a point
5.22 chs. S. 0° 13' E. from cor. No. 6 thereof. Thence
across H.E.S. No. 299.
- 64.70 Wire fence brs. N. and S.
- 69.30 Pleasant Valley wash, 35 lks. wide, course S. Thence over
nearly level bottom land. Leave timber.
- 72.40 Wire fence brs. N. 15° W. and S. 15° E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground for cor. of secs. 16 and 17, and frac. secs.
20 and 21, marked on brass cap,

T24S | R19E
S17 | S16
S20 | S21
1923

No bearing trees available.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Land, rolling and nearly level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, oak.
Undergrowth, none.
Good grass.

-
- From cor. of secs. 16 and 17, and frac. secs. 20 and 21,
S. 0° 2' E. on true line, bet. frac. secs. 20 and 21, across
H.E.S. No. 299.
Over nearly level open bottom land along Pleasant Val-
ley wash.
- 5.00 Leave nearly level bottom land, brs. NW. and SE. Enter
rolling land.
Ascend 50 ft., over NE. slope, to
- 12.86 Top of low spur, slopes SE.
Descend gradually over SW. slope.
- 20.87 Intersect N. bdy. of the 60 ft. Neutral Strip along the
United States-Mexico International Boundary. At
point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
the ground for closing cor. of frac. secs. 20 and 21,
marked on brass cap,

Survey of Subdivision lines of frac. Township 24 South, Range 19 East. 35

Chains.

C | C
T24S | R19E
S20 | S21

MEX
1923

from which,
An oak, 16 ins. in diam., brs. N. 28° E., 314 lks. dist., marked T24S R19E S21 CC BT.
No other bearing trees available.
Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
The N. bdy. of the Neutral Strip at this point is identical with line 1-7 of H.E.S. No. 299.
Continue measurement on a blank line across Neutral Strip.
21.02 Wire fence, brs. E. and W.
21.78 Intersect the United States-Mexico International Boundary at a point 154.44 chs. N. 89° 43' E. from Monument No. 106, thereon, hereinbefore described. Wire fence along bdy. line.
Land, nearly level and rolling.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, none.
Undergrowth, none.
Good grass.

From the cor. of secs. 16 and 17, and frac. secs. 20 and 21,
N. 0° 2' W., bet. secs. 16 and 17, across H.E.S. No. 299.
Over nearly level open bottom land, along Pleasant Valley wash.
23.05 Wire fence, brs. E. and W. along line 4-5 of Forest Homestead No. 299, identical with line 1-4 of Forest Homestead No. 298. Leave H.E.S. No. 299, and enter H.E.S. No. 298.
23.23 Pleasant Valley wash, 50 lks. wide, course SE.
Continue over nearly level bottom land, along E. side of Pleasant Valley wash. Enter scattering timber, brs. NW. and SE.
27.43 Wire fence, brs. N. 70° E. and S. 70° W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., marked on brass cap,

¼
S17 | S16

1923

from which,
An oak, 12 ins. in diam., brs. N. 9½° W., 382 lks. dist., marked S 17 BT.
An oak, 8 ins. in diam., brs. S. 82° W., 480 lks. dist., marked S 17 BT.
A grave, brs. S. 76° W., 598 lks. dist.
The NE. cor. of an adobe house, brs. S. 22½° W., about 12 chs. dist.
The NE. cor. of another adobe house brs. S. 19¾° W., about 13 chs. dist.
The NE. cor. of a barn brs. S. 14½° W., about 14.50 chs. dist.
A windmill brs. S. 9° W., about 12.50 chs. dist.
Cor. No. 2 of H.E.S. No. 299.
Continue over nearly level land, thru. scattering timber along E. side of Pleasant Valley wash.
62.96 Intersect line 2-3 of Forest Homestead No. 298 at a point 8.52 chs. N. 89° 40' E. from cor. No. 2 thereof. Leave H.E.S. No. 298.
62.98 Wire fence brs. N. 89° 40' E. and S. 89° 50' W.
67.95 Road brs. N. 30° E. and S. 30° W.
74.00 Wash, 10 lks. wide, course SW.
79.03 Pleasant Valley wash, 20 lks. wide, course S. 60° W.

36 Survey of Subdivision lines of frac. Township 24 S., R. 10 E.

Chains

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

T24S	R19E
S 8	S 9
S17	S16
1923	

from which,

An oak, 16 ins. in diam., brs. N. $49\frac{1}{2}^{\circ}$ E., 42 lks. dist., marked T24S R19E S9 BT.

An oak, 16 ins. in diam., brs. S. $57\frac{1}{2}^{\circ}$ E., 159 lks. dist., marked T24S R19E S16 BT.

An oak, 30 ins. in diam., brs. S. $50\frac{1}{2}^{\circ}$ W., 28 lks. dist., marked T24S R19E S17 BT.

An oak, 24 ins. in diam., brs. N. $59\frac{1}{2}^{\circ}$ W., 310 lks. dist., marked T24S R19E S8 BT.

From this cor., Cor. No. 3 of H.E.S. No. 533, brs. N. $54^{\circ}40'$ E., 11.51 chs. dist.

New school house brs. N. $60^{\circ}00'$ E.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, oak.

Undergrowth, none.

Good grass.

40.00 East, on a random line, bet. secs. 9 and 16.

Set temp. sec. cor.

79.96 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence

S. $89^{\circ}58'$ W., on a true line, bet. secs. 9 and 16.

Over rolling land, thru scattering timber and undergrowth.

Descend 80 ft., over NW. slope.

27.95 Antelope wash, 20 lks. wide, course SW,

Ascend 25 ft., over SE. slope.

31.63 Road brs. N. 40° E. and S. 40° W.

37.00 Descend gradually over SW. slope to sec. cor.

38.25 Same road, brs. N. 35° W. and S. 35° E.

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

$\frac{1}{4}$ S 9
S 16
1923

from which,

An oak, 6 ins. in diam., brs. N. $30\frac{1}{2}^{\circ}$ W., 34 lks. dist., marked $\frac{1}{4}$ S 9 BT;

An oak, 6 ins. in diam., brs. S. $9\frac{1}{2}^{\circ}$ W., 30 lks. dist., marked $\frac{1}{4}$ S 16 BT.

Descend slightly over SW. slope.

41.05 Wash, 15 lks. wide, course SE.

Ascend 81 ft., over NE. slope of ridge.

41.79 Road, brs. N. and SE.

52.54 East edge of top of ridge, brs. N. and S.; thence over nearly level land on top of ridge.

62.54 West edge of top of ridge. Leave top of ridge. Enter rolling land.

Descend 102 ft., over NW. slope.

71.52 Wire fence, brs. N. and S.

74.46 Road, brs. N. and S. at foot of descent. Leave rolling and enter nearly level bottom land.

75.96 Pleasant valley wash, 35 lks. wide, course S. 30° W.

Continue over nearly level land.

79.96 The cor. of secs. 8, 9, 16 and 17.

Land, rolling and nearly level.

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

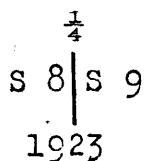
Timber, oak.

Undergrowth, scrub oak. Good grass.

Survey of Subdivision lines of frac. Township 24 South, Range 19 East 37

Chains.

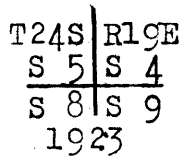
N.0°2'W., bet. secs. 8 and 9.
 Over nearly level bottom land, along Pleasant Valley wash,
 thru. scattering timber and undergrowth.
 7.11 Intersect line 1-8 of Forest Homestead No.533 at a point
 3.22 chs.S.87°15'E. from cor.No.1 thereof. Thence
 across H.E.S. No.533.
 Thence across H.E.S. No.533.
 12.35 Wash, 10 lks.wide, course SE.
 22.42 Road, brs.E. and W.
 24.60 Wash, 20 lks.wide, course SE. Leave nearly level bottom
 land. Enter rolling land.
 Ascend gradually over SE. and E.slopes from mesa.
 25.05 Wire fence, brs. NW. and SE.
 28.73 Wire fence, brs. E and W.
 36.30 Wire fence brs. N.10°E. and S.10°W.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 20 ins. in
 the ground to bed rock, supported in a mound of stone
 for $\frac{1}{4}$ sec.cor., marked on brass cap,



from which,
 An oak, 6 ins. in diam., brs. S.57°E., 39 lks.
 dist., marked $\frac{1}{4}$ S 9 BT.
 An oak, 6 ins. in diam., brs. S.87 $\frac{1}{2}$ °W., 84 lks.
 dist., marked $\frac{1}{4}$ S 8 BT.

A new school house brs. S.28 $\frac{3}{4}$ °E.
 Samuel W. Lacey's house brs. S.29°E.
 Samuel W. Lacey's windmill brs. S.31 $\frac{1}{2}$ °E.
 Continue over rolling land, thru. scattering timber and
 undergrowth, across H.E.S. No.533.

Ascend gradually to sec.cor. over E.slope from mesa, the
 E. rim of which is about 3 chs. W.of line.
 60.11 Intersect line 1-2 of Forest Homestead No.533 at a point
 25.76 chs. S.3°27'W. from cor.No.2 thereof. Leave H.E.
 S. No.533.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 20 ins. in
 the ground to bed rock, supported in a mound of stone
 for cor.of secs.4,5,8 and 9, marked on brass cap,



from which,
 An oak, 12 ins. in diam., brs. N.65°E., 107 lks.
 dist., marked T24S R19E S4 BT.
 An oak, 8 ins. in diam., brs. S.24 $\frac{3}{4}$ °E., 130 lks.
 dist., marked T24S R19E S9 BT.
 An oak, 12 ins. in diam., brs. S.33 $\frac{1}{2}$ °W., 58 lks.
 dist., marked T24S R19E S8 BT.
 An oak, 14 ins. in diam., brs. N.65°W., 68 lks.
 dist., marked T24S R19E S5 BT.

Land, nearly level and rolling.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, oak.
 Undergrowth, scrub oak.
 Good grass.

 N.89°58'E., on a random line, bet. secs.4 and 9.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.04 Intersect N. and S. line, 10 lks.N.of the cor.of secs.
 3,4,9 and 10.
 Thence,
 N.89°58'W., on a true line, bet. secs.4 and 9.
 Over nearly level land, on mesa, thru. scattering under-
 growth.

BOOK 3653

38 Survey of Subdivision lines of frac. Township 24 South Range 10 East

Chains.	
8.54	Old road, brs. NE. and SW.
15.24	West rim of mesa, brs. NE and SW. Leave mesa and enter rolling land and scattering timber. Descend 97 ft., over NW. slope.
26.04	Wash, 20 lks. wide, course S. 30° W. Ascend 28 ft., over SE. slope, to
30.45	East edge of top of spur, brs. NE. and SW. Thence across nearly level top of spur.
37.45	West edge of top of spur, brs. NE. and SW. Leave top of spur. Descend 30 ft., over NW. slope, to
40.02	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4} \text{ S } 4$ $\text{S } 9$ 1923
	from which, An oak, 6 ins. in diam., brs. N. 8 $\frac{1}{2}$ ° W., 130 lks. dist., marked $\frac{1}{4}$ S 4 BT. An oak, 6 ins. in diam., brs. S. 61 $\frac{1}{2}$ ° E., 64 lks. dist., marked $\frac{1}{4}$ S 9 BT.
40.64	Descend slightly over NW. slope, to Wash, 15 lks. wide, course S. 5° E. Ascend 10 ft., over E. slope, to
44.04	East rim of mesa, brs. N. and S. Thence over nearly level land on mesa.
61.05	West rim of mesa, brs. N. and S. Leave mesa. Enter rolling land. Descend 81 ft., over W. slope.
63.46	Intersect line 3-4 of Forest Homestead No. 533 at a point 5.76 chs. S. 9° 21' E. from cor. No. 3 thereof. Thence across H.E.S. No. 533.
64.44	Wire fence, brs. N. and S.
67.24	Pleasant Valley wash, 20 lks. wide, course S. 10° W. Thence over nearly level bottom land.
71.50	Leave nearly level bottom land. Enter rolling land. Ascend 56 ft., over E. slope to sec. cor.
74.64	Wire fence brs. N. 5° E. and S. 5° W.
78.85	Intersect line 1-2 of Forest Homestead No. 533 at a point 5.83 chs. S. 3° 27' W. from cor. No. 2 thereof. Leave H.E.S. No. 533.
80.04	The cor. of secs. 4, 5, 8 and 9. Land, rolling and nearly level. Soil, gravelly, 3rd rate. Timber, oak. Undergrowth, scrub oak. Good grass.
40.00	N. 0° 2' E., on a random line, bet. secs. 4 and 5. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. bdy. of Tp., 5 lks. W. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described. Thence, S. 0° 4' W., on true line, bet. secs. 4 and 5. Over rolling land, thru. scattering timber and undergrowth. Descend gradually over E. slope.
12.04	Ascend 60 ft., over E. slope, to
22.00	Thence descend gradually over E. slope to $\frac{1}{4}$ sec. cor. sec. cor.
30.31	Wire fence, brs. NW. and SE.
40.04	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground, to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ $\text{S } 5 \text{ S } 4$ 1923

Survey of Subdivision lines of frac. Township 24 South, Range 19 East. 39

Chains.									
	No bearing trees available.								
53.79	Descend 90 ft., over SE.slope.								
58.45	Wash, 15 lks. wide, course SE.								
68.99	Ascend 39 ft., over NE.slope, to								
73.40	Rim of mesa, brs. NW. and SW.								
80.04	Descend 30 ft., over SE.slope.								
	Wash, 10 lks. wide, course SE.								
	Descend gradually over E.slope to sec. cor.								
	Wire fence, brs. E. and W.								
	The cor. of secs. 4, 5, 8 and 9.								
	Land, rolling.								
	Soil, sandy and gravelly, 2nd and 3rd rate.								
	Timber, oak and juniper.								
	Undergrowth, scrub oak.								
	Good grass.								

	From the cor. of secs. 16 and 17, and frac. secs. 20 and 21,								
	West, on Auxiliary Base Line, bet. sec. 17, and frac. sec.								
	20. Across H.E.S. No. 299.								
	Over nearly level open bottom land.								
3.00	West edge of bottom land, brs. NW. and SE. Enter rolling								
	land.								
	Ascend 91 ft. over NE.slope.								
5.19	Intersect line 3-4 of Forest Homestead No. 299 at a point								
	9.21 chs. N. 15° 35' W. from cor. No. 3 thereof. Leave H.E.S.								
	No. 299.								
6.67	Fence, brs. N. 10° W. and S. 10° E.								
17.60	East rim of mesa, brs. NW. and SE. Thence over nearly								
	level, open land on large mesa, known as "Campini Mesa."								
34.40	Wash, 10 lks. wide, course S.								
39.10	Intersect line 3-4 of Forest Homestead No. 531 at a point								
	21.06 chs. N. 0° 9' W. from cor. No. 4 thereof. Thence across								
	H.E.S. No. 531.								
39.15	Wire fence, N. and S.								
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in								
	the ground, with a stone marked with a cross (x) depos-								
	ited at base of post, for $\frac{1}{4}$ sec. cor., marked on brass								
	cap,								
	<table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">$\frac{1}{4}$</td> <td style="text-align: center;">S 17</td> </tr> <tr> <td></td> <td style="text-align: center;">S 20</td> </tr> <tr> <td></td> <td style="text-align: center;">1923</td> </tr> </table>	$\frac{1}{4}$	S 17		S 20		1923		
$\frac{1}{4}$	S 17								
	S 20								
	1923								
	No bearing trees available.								
	Continue over nearly level open land on Campini Mesa.								
56.95	Wash, 10 lks. wide, course S. 15° W.								
70.60	Road brs. N. and S. Extends southerly to Santa Cruz, Mexico.								
79.17	Intersect line 1-2 of Forest Homestead No. 531 at a point								
	18.67 chs. S. 0° 9' E. from cor. No. 2 thereof. Leave H.E.S.								
	No. 531.								
79.20	Wire fence brs. N. and S.								
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in								
	the ground for cor. of secs. 17 and 18, and frac. secs. 19								
	and 20, marked on brass cap,								
	<table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">T24S</td> <td style="text-align: center;">R19E</td> </tr> <tr> <td style="text-align: center;">S18</td> <td style="text-align: center;">S17</td> </tr> <tr> <td style="text-align: center;">S19</td> <td style="text-align: center;">S20</td> </tr> <tr> <td></td> <td style="text-align: center;">1923</td> </tr> </table>	T24S	R19E	S18	S17	S19	S20		1923
T24S	R19E								
S18	S17								
S19	S20								
	1923								
	No bearing trees available.								
	Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.								
	Land, nearly level and rolling.								
	Soil, sandy and gravelly, 2nd and 3rd rate.								
	Timber, none.								
	Undergrowth, none.								
	Good grass.								

BOOK 3653

40 Survey of Subdivision lines of frac. Township 24 South, Range 19 E

Chains.

From the cor. of secs. 17 and 18, and frac. secs. 19 and 20,

S. 0° 3' E., on true line, bet. frac. secs. 19 and 20. Over nearly level open land on Campini Mesa, parallel to and about 80 lks. W. of fence.

21.26 From this point, a stone marked "H2" on N. face brs. W. 10 lks. dist. This is probably the SE. cor. of the unsurveyed Forest Homestead of Mary I. Rankin.

21.39 Intersect the N. bdy. of the 60 ft. Neutral Strip along the United States-Mexico International Boundary.

At point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for closing cor. of frac. secs. 19 and 20, marked on brass cap,

C | C
T24S | R19E
S19 | S20

MEX
1923

No bearing trees available. From this closing cor., Cor. No. 1 of Forest Homestead No. 531 brs. E. 87 lks. dist., which cor. monument is a stone properly marked and set at fence cor. from which fences extend N. and W.

22.30 Continue measurement on blank line across Neutral Strip. Intersect the United States-Mexico International Boundary at a point 74.43 chs. N. 89° 43' E. from Monument No. 106, thereon, hereinbefore described. Wire fence along said boundary and road N. of fence.

Land, nearly level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, none.
Undergrowth, none.
Good grass.

From cor. of secs. 17 and 18, and frac. secs. 19 and 20, West, on Auxiliary Base Line, bet. sec. 18, and frac. sec. 19.

Over nearly level open land, sloping slightly to the S. and SW. on Campini Mesa.

25.00 Swale, course S.

39.47 Wire fence, brs. N. and S.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for 1/4 sec. cor., marked on brass cap,

1/4 S 18
S 19
1923

No bearing trees available.

52.30 Road brs. NW. and SE.

68.00 Road, brs. NE. and SW.

75.00 Wash, 10 lks. wide, course SW.

78.40 Wire fence brs. N. and S.

79.82 Intersect E. bdy. of frac. T. 24 S., R. 18 E, at a point 12.08 chs. S. 0° 9' E. from cor. of sec. 13, and frac. sec. 24, thereof, hereinbefore described.

At point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a stone marked with a cross (x) deposited at base of post for closing cor. of sec. 18 and frac. sec. 19, marked on brass cap,

Survey of Subdivision lines of frac. Township 24 South Range 19 East. 41 chains.

T24S	T24S
S24	S18 CC
R18E	R19E
1923	

No bearing trees available.
 Land, nearly level.
 Soil, sandy and gravelly, 2nd rate.
 Timber, none.
 Undergrowth, none.
 Good grass.

- .18.67 From the cor. of secs. 17 and 18, and frac. secs. 19 and 20, N. 0° 3' W., bet. secs. 17 and 18. Over nearly level, open land on Campini Mesa.
- 18.91 From this point, Cor. No. 2 (NW. cor.) of Forest Homestead No. 531, brs. E. 79 lks. dist.
- 22.33 From this point, a granite stone, 12x8x6 ins. above ground marked H3 on SW. face, brs. East 27 lks. dist. This monument the NE. cor. of the unsurveyed Forest Homestead of Mary I Rankin.
- 24.65 Wire fence brs. N. 1° W. and S. 1° E. Enter road, brs. N. and SE.
- 40.00 Cor. No. 4 (SE. cor.) of Frank C. Hopkins, unsurveyed Forest Homestead, brs. W. 48 lks. dist. at fence cor., from which fences extend N., S. 1° E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a bottle deposited at base of post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S18	S17
1923	

- 63.60 Frank C. Hopkin's house, brs. N. 47° 35' W.
- 80.00 The chimney on W. F. Pierce's house, brs. N. 63° 10' W. Continue over nearly level land along road, bearing N. and S., nearly parallel to wire fence W. of line.
- 80.00 Road to Frank C. Hopkin's house, brs. W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for cor. of secs. 7, 8, 17 and 18, marked on brass cap,

T24S	R19E
S 7	S 8
S18	S17
1923	

Frank C. Hopkin's house brs. S. 42° 40' W.
 W. F. Pierce's house (chimney) brs. S. 53° 20' W.
 Cor. No. 3 (NE. cor. of Frank C. Hopkin's unsurveyed Forest Homestead, brs. N. 2° 35' W., 4.58 chs. dist.)
 Land, nearly level.
 Soil, sandy, 2nd rate.
 Timber, none.
 Undergrowth, none.
 Good grass.

- 40.00 East, on a random line, bet. secs. 8 and 17.
- 80.10 Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 12 lks. N. of the cor. of secs. 8, 9, 16 and 17.
- Thence, N. 89° 55' W., on true line, bet. secs. 8 and 17.

BOOK 3653

12 Survey of Subdivision lines of frac. Township 24 South, Range 19 East.

Chains.

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

3.60 Leave nearly level bottom land, brs. N. and S. Enter rolling land. Ascend 74 ft., over E. slope, to

11.00 East rim of mesa, brs. N. and S. Leave timber and undergrowth, brs. N. and S. Thence over nearly level open land on Campini Mesa.

22.60 Road, brs. NE. and SW.

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 8
S 17
1923

No bearing trees available.

Continue over nearly level open land on Campini Mesa.

54.60 Head of wash, 20 lks. wide, course S. 30° E.

65.25 Road, brs. NW. and SE.

72.65 Road, brs. N. 10° E. and S. 10° W.

78.55 Road, brs. NW. and SE.

79.90 Road, brs. N. and S.

80.10 The cor. of secs. 7, 8, 17 and 18.
Land, nearly level and rolling.
Soil, gravelly and rocky, 3rd rate.
Timber, oak.
Undergrowth, scrub oak.
Good grass.

West, on true line, bet. secs. 7 and 18.

Over nearly level open land on Campini Mesa.

.20 Wire fence, brs. N. and S. Enter cultivated land, brs. N. 5.00 chs. and S. 55.00 chs. dist.

39.78 Wire fence, brs. N. and S.; leave cultivated land, brs. N. 4.10 chs. and S. 15.90 chs. dist.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 7
S 18
1923

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

Continue over nearly level open land.

40.06 Road, brs. N. and S.

40.11 Intersect line 5-6 of Forest Homestead No. 296 at a point 15.90 chs. N. 1° 35' E. from cor. No. 6 thereof, which is a sandstone 12x6x10 ins. above ground, firmly set and marked "6-HES 296" on NW face. At 3 lks. W. of this H.E.S. cor. is another stone marked "H5" on N. face, which is a cor. of the unsurveyed Forest Homestead of W.F. Pierce. These two stones are set in the intersection of roads, extending E., W. and N.

Cor. No. 4 of W.F. Pierce's unsurveyed Forest Homestead, which is a stone 8x8x12 ins. above ground, marked "H4" on W face, brs. N. 89° 12' E., 19.97 chs. from cor. No. 6 of H.E.S. No. 296. Thence across H.E.S. No. 296.

40.50 Wire fence, brs. N. and S.

60.00 West rim of mesa, brs. NE and SW. Leave mesa. Enter gently rolling land.

Descend 50 ft., over NW. and N. slopes to closing cor.

79.50 Wire fence, brs. N. and S.

79.70 County road, brs. N. and S.

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

79+98 Intersect E. bdy. of frac. T. 24 S., R. 18 E., at a point 12.54 chs. S. 0° 8' E. from the cor. of secs. 12 and 13, thereof, hereinbefore described. At point of intersection,

Survey of Sundivision lines of frac. Township 24 South, Range 19 East. 43

Chains.

Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for closing cor. of secs. 7 and 18, marked on brass cap,

T24S	T24S
S13	S 7 CC
	S 18
R18E	R19E

1923

from which,

- An oak, 10 ins. in diam., brs. N. 88 $\frac{1}{2}$ ° E., 354 lks. dist., marked T24S R19E S7 CC BT.
- An oak, 18 ins. in diam., brs. S. 60 $\frac{1}{2}$ ° E., 397 lks. dist., marked T24S R19E S18 CC BT.

Land, nearly level and gently rolling.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, none.
Undergrowth, none.
Good grass.

From cor. of secs. 7, 8, 17 and 18, N. 0° 3' W., bet. secs. 7 and 8. Over nearly level open land on Campini Mesa. Along road, bearing N. and S., with fence on the W. side.

- 5.00 Fence cor. brs. W. 20 lks. dist., from which fences extend S. and W.
- 5.75 Road intersection from which roads extends E., W., and S.
- 8.05 Intersect line 1-7 of Forest Homestead No. 297 at a point 20 lks. S. 89° 34' W. from cor. No. 7 thereof. Thence across H.E.S. No. 297 near E. bdy. thereof.
- 8.06 From this point a stone marked "H5" brs. E. 16 lks. dist.
- 34.40 Road, brs. NE and SW.
- 36.10 Road, brs. NE and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 7	S 8
-----	-----

1923

No bearing trees available. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Continue over nearly level open land on mesa. North rim of mesa, brs. N. 30° E. and S. 35° W. Leave mesa. Enter rolling land and scattering timber and undergrowth. Descend 50 ft., over NW. slope.

- 42.00 Wire fence, brs. N. 40° E. and S. 40° W.
- 49.30 Foot of descent, brs. NE and SW. Enter nearly level bottom land. Continue thru. scattering timber and undergrowth.
- 72.70 Dry bed of Sunnyside Creek, 25 lks. wide, course S. 30° W.
- 73.68 Wire fence, brs. N. 80° E. and S. 80° W.
- 75.11 Intersect line 5-6 of Forest Homestead No. 297 at a point 95 lks. S. 89° 34' W. from cor. No. 6 thereof. Leave H.E.S. No. 297.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,

T24S	R19E
S 6	S 5
S 7	S 8

1923

from which,

- An oak, 10 ins. in diam., brs. N. 8 $\frac{1}{2}$ ° E., 206 lks. dist., marked T24S R19E S5 BT.

BOOK 3653

44 Survey of Subdivision lines of frac. Township 24 South, Range 19 East

Chains.

An oak, 24 ins. in diam., brs. S. $60\frac{1}{2}^{\circ}$ E., 282 lks.
dist., marked T24S R19E S8 BT.

An oak, 30 ins. in diam., brs. S. $50\frac{1}{2}^{\circ}$ W., 122 lks.
dist., marked T24S R19E S7 BT.

An oak, 6 ins. in diam., brs. N. $47\frac{1}{2}^{\circ}$ W., 69 lks.
dist., marked T24S R19E S6 BT.

Land, nearly level and rolling.

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

Timber, oak.

Undergrowth, scrub oak.

Good grass.

40.00 S. $89^{\circ}55'$ E., on a random line, bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 4,
5, 8 and 9.

Thence,

N. $89^{\circ}48'$ W., on a true line, bet. secs. 5 and 8.

Over rolling open land.

Ascend 15 ft., over E. slope.

2.00 East rim of mesa, brs. N. and S. Thence over nearly level
land on Campini Mesa.

12.48 Wash, 15 lks. wide, course S. 20° W.

23.25 Wire fence, brs. N. and S.

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, with a stone marked with a cross (x) de-
posited at base of post, for $\frac{1}{4}$ sec. cor., marked on brass
cap,

$$\begin{array}{r} \frac{1}{4} \text{ S } 5 \\ \text{S } 8 \\ 1923 \end{array}$$

No bearing trees available.

Continue over nearly level open land on mesa.

47.94 Intersect line 5-6 of Forest Homestead No. 534 at a point
11.22 chs. N. $5^{\circ}26'$ W. from cor. No. 6 thereof. Thence
across H.E.S. No. 534.

53.00 Rim of mesa, brs. NE and SW. Enter rolling land, scatter-
ing timber and undergrowth.

Descend 44 ft., over NW. slope.

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

68.00 Foot of descent, brs. NE and SW. Enter nearly level bot-
tom land.

69.58 Wire fence, brs. N. and S.

76.59 Wire fence, brs. N. and S.

76.77 Intersect line 1-7 of Forest Homestead No. 534 at a point
3.84 chs. S. $0^{\circ}28'$ W. from cor. No. 1 thereof. Leave HES No. 534.

77.38 Dry bed of Sunnyside Creek, 25 lks. wide, course S.

79.98 The cor. of secs. 5, 6, 7 and 8.

Land, rolling and nearly level.

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

Timber, oak.

Undergrowth, scrub oak.

Good grass.

West, on true line, bet. secs. 6 and 7.

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

0.50 West edge of bottom land, brs. N. 30° E. and S. 30° W. Enter
rolling land.

Ascend 72 ft., over SE. slope, to

7.00 East rim of mesa, brs. N. 30° E. and S. 30° W. Thence over
nearly level land, sloping slightly to the SW. on
mesa.

23.02 Old road, brs. NE and SW.

35.80 West rim of mesa, brs. NE and SW. Leave mesa. Enter

Survey of Subdivision lines of frac. Township 24 South, Range 19 East. 45

Chains

mountainous land.
 Descend 61 ft., over NW. slope, to
 38.50 Foot of descent, brs. NE. and SW. Enter nearly level land
 in ravine.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 6
 S 7
 1923

from which,
 An oak, 8 ins. in diam., brs. N. $2\frac{1}{2}^{\circ}$ E., 26 lks.
 dist., marked $\frac{1}{4}$ S 6 BT.
 An oak, 6 ins. in diam., brs. S. 4° E., 50 lks.
 dist., marked $\frac{1}{4}$ S 7 BT.
 Continue over nearly level land in bottom of ravine.
 40.85 Wash, 20 lks. wide, course S. 40° W.
 41.90 Wash, 25 lks. wide, course S. 30° W.
 48.10 Wash, 10 lks. wide, course S. 10° W.
 48.40 W. edge of nearly level bottom of ravine, brs. NE. & SW. Enter
 mountainous land. Asc. 115 ft., over SE. slope.
 64.00 SE. edge of top of ridge, bearing NE. and SW. Thence
 across nearly level top of ridge:
 70.90 Old road, brs. NE. and SW.
 72.50 NW. edge of top of ridge, brs. NE. and SW. Enter mountain-
 ous land.
 Descend 18 ft., over NW. slope, to
 74.80 Wash, 10 lks. wide, course SW.
 Descend 75 ft., over SW. slope, to
 79.50 Same wash, 10 lks. wide, course N. 80° W.
 Descend slightly over NW. slope, to
 80.10 Intersect E. bdy. of frac. Township 24 South, Range 18 E.,
 at a point 12.74 chs. S. $0^{\circ} 9'$ E. from cor. of secs. 1 and
 12 thereon, hereinbefore described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in
 the ground to bed rock, supported in a mound of stone,
 for closing cor. of secs. 6 and 7, marked on brass
 cap,

T24S | T24S
 S12 | S 6 CC
 S 7
 R18E | R19E
 1923

from which,
 An oak, 24 ins. in diam., brs. N. 75° E., 130 lks.
 dist., marked T24S R19E S6 CC BT.
 An oak, 8 ins. in diam., brs. S. $43\frac{1}{2}^{\circ}$ E., 100 lks.
 dist., marked T24S R19E S7 CC BT.
 Land, rolling, nearly level and mountainous.
 Soil, gravelly and rocky, 3rd rate.
 Timber, oak.
 Undergrowth, scrub oak.
 Good grass.

 N. $0^{\circ} 4'$ E., on a random line, bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.74 Intersect N. bdy. of Tp., 8 lks. E. of the cor. of secs. 5, 6,
 31 and 32, hereinbefore described.
 Thence,
 S. $0^{\circ} 1'$ W., on a true line, bet. secs. 5 and 6.
 Over rolling land, thru. scattering timber and undergrowth.
 Descend gradually along top of spur, sloping S.
 4.75 Leave top of spur, sloping SW. from N.
 Descend 67 ft., over SE. slope, to
 16.34 Wash, 30 lks. wide, course S. 35° W. Enter nearly level
 land, sloping slightly to the SW.
 23.23 Wash, 30 lks. wide, course S. 30° W. Enter rolling land.
 Ascend 45 ft., over NW. slope, to
 30.54 NW. rim of mesa, brs. NE. and SW. Enter nearly level land

BOOK 3653

46 Survey of Subdivision lines of frac. Township 24 S., R. 19 E.

Chains.

- 39.68 on mesa. Leave timber.
 Old road, brs. NE. and SW.
 39.74 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

S	6	S
	5	

1923

- 65.84 Continue over nearly level land, sloping slightly to the SW. Wash, 15 lks. wide, course SE. Enter scattering timber and undergrowth, brs. NE. and SW.
 68.25 SE. rim of mesa, brs. NE. and SW. Leave mesa. Enter rolling land. Desc. 104 ft., over SE. slope, to
 78.80 Foot of descent, brs. N. 30° E. and S. 30° W. Enter nearly level bottom land.
 79.74 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling and nearly level.
 Soil, gravelly, 3rd rate.
 Timber, oak.
 Undergrowth, scrub oak.
 Good grass.

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

GENERAL DESCRIPTION.

The surface of this fractional township is rolling and nearly level. There are a few small areas where the slopes are steep enough to class the surface as mountainous.

The soil is sandy, gravelly & rocky clay, 2nd, 3rd & 4th rate. The township is highest along the N. bdy., and slopes gently to the south, there being very little difference of elevation over the entire township.

The township is drained by numerous large washes, which cross thru. it in a southerly direction. Between these washes, the land is of the nature of wide mesas covered with a good growth of bunch grass.

The soil along the bottoms of the washes is mostly a sandy loam, 2nd rate, while on the mesa portions of the township it is gravelly and rocky clay loam in character underlaid with a clay subsoil, which is not impervious to water, and will therefore produce good crops without the aid of irrigation.

The township is timbered with a scattering growth of oak, suitable only for fuel and fencing purposes.

There is no permanent water in the township, the only source of water being that from wells sunk by the settlers on their claims.

No mineral or stone of commercial value has been found within the township.

The entire township is within the boundaries of the Coronado National Forest.

There are twelve surveyed forest homesteads, and several claims improved and settled upon, but at this time unsurveyed. There are numerous improvements made by the settlers, and a new school house in sec. 9.

There are roads in all the sections, which afford means of travel between all of the settled parts of the townships.

Farming and stockraising are the leading occupations of the settlers in the township at the present time.

4-680

FIELD ASSISTANTS. TO

SIDNEY E. BLOUT, U. S. CADASTRAL ENGINEER.

NAMES.	CAPACITY.
Robert J Greisiger	1st. Chainman
B.H. rruitt	2nd. Chainman
D.L. Phillips	Flagman
Clifton Gump	Cornerman

I, Sidney E. Blout, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 119, Arizona, bearing date of the 16th day of December, 1921, 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 United States-Mexico International Boundary Line;

Resurveyed all those parts or portions of the East bdy. of Fractional Township 24 South, Range 18 East, and surveyed all those parts or portions of the North bdy. and Subdivision lines of Fractional Township 24 South, Range 17 East, of the Gila and Salt River

Base and Meridian, in the State of Arizona, and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said retracements, resurveys and surveys have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 119, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement, resurvey and survey.

Place: Phoenix, Arizona Date: May 14, 1925 Sidney E. Blout U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, May 14, 1925

The foregoing field notes of the retracement of part of the United States-Mexico International Boundary Line, of the resurvey of the East boundary of frac. Township 24 South, Range 18 East; and of the survey of the North bdy. and Subdivision lines of FRACTIONAL TOWNSHIP 24 SOUTH, RANGE 19 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Sidney E. Blout, U.S. Cadastral Engineer,

under his special instructions dated December 16, 1921, for Group 119, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements, resurveys and surveys they describe, are hereby approved.

Charles M. Struble 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