

3309

Book "K"

4-879

BOOK 3309

# FIELD NOTES

OF THE RETRACEMENT OF

Part of the North Bdy. of Frac'l Township 24 South Range 20 East

Boundary of Patented Mining Claim in same township and

United States-Mexico International bdy. line, Monument N° 100 to Mon. No. 104.

RESURVEY OF

Part of North boundary of Fractional Township 24 South Range 20 East

SURVEY of

East and West bdrs. and Subdivision lines of Fractional

Township 24 South Range 20 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Sidney E. Blout,

In the capacity of U. S. Surveyor, under instructions dated November 8, 1915, issued by the United States Surveyor General to govern surveys included in Group No. 64, which were approved by the Commissioner of the General Land Office, November 23, 1915.

Retracement,  
Resurvey & Survey commenced October 9, 1916.

Retracement,  
Resurvey & Survey completed December 13, 1916.

Executed under Assignment  
Instructions dated Jan. 14, 1916.

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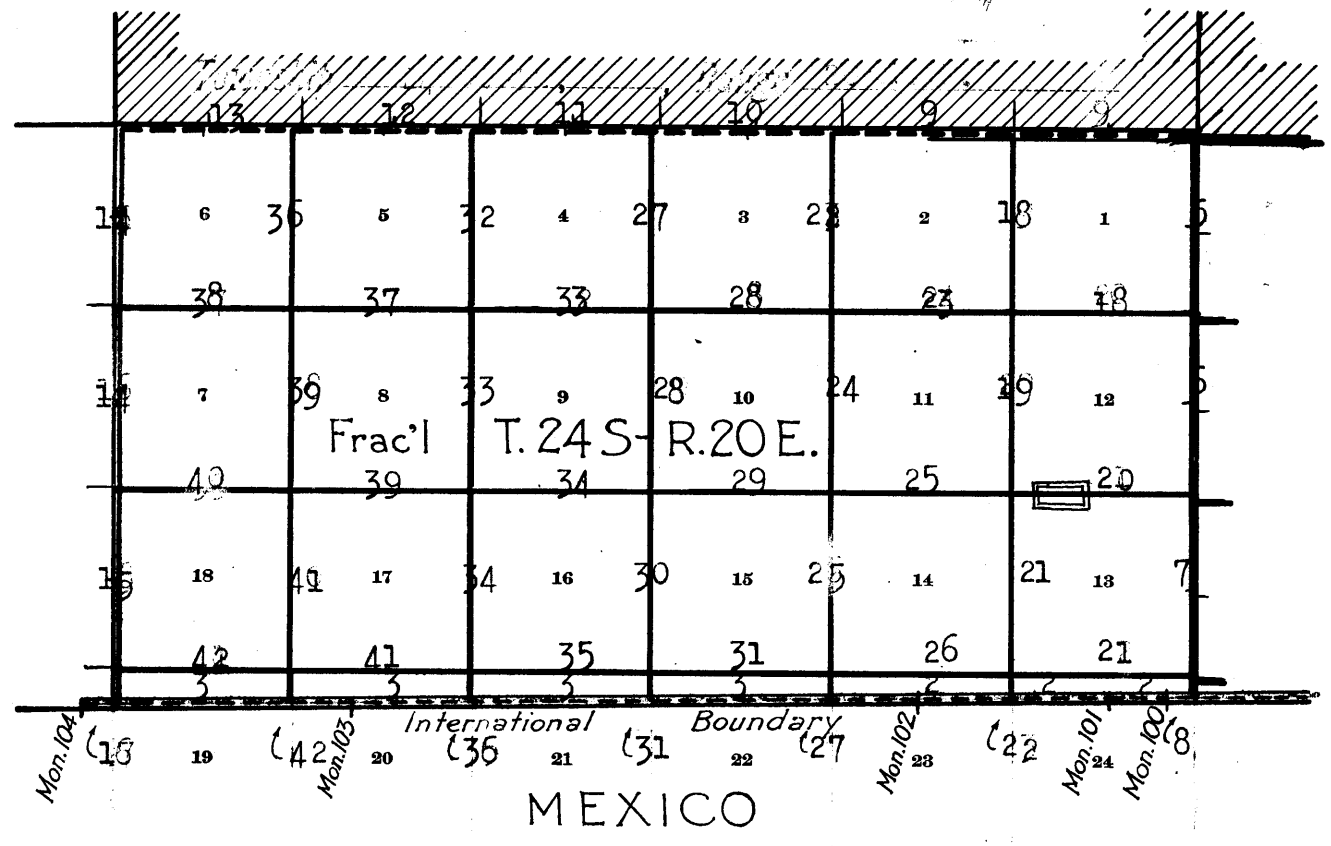
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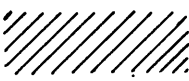
INDEX DIAGRAM

BOOK 3309

Group 64

INDEX DIAGRAM.



-  Lines surveyed under this group.
-  Lines resurveyed under this group.
-  Lines retraced under this group.
-  Unsurveyed lines.
-  Areas surveyed as per accepted plats on file.

3309  
Book "K"

Group 64 - - - Arizona.

Township 24 South, Range 20 East.

DATE DIAGRAM.

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

Mon 10-12-16

10-12-16 10-12-16 10-12-16 10-12-16

Mon 11-1-16

Mon 11-2-16

Mon 10-28-16

Mon 11-2-16

Mon 10-27-16

Mon 11-2-16

Mon 10-24-16

Mon 11-2-16

Mon 10-18-16

Mon 11-2-16

Mon 10-18-16

Mon 11-2-16

Mon 10-18-16

Mon 11-2-16

Mon 10-18-16

Mon 11-2-16

Mon 10-18-16

Mon 11-2-16

Mon 10-18-16

10-16-16 9-27-16 9-27-16 9-27-16 10-30-16

Retracement of United States-Mexico International Boundary  
 2. Line bet Mon No 100 and Mon No 104 S. of fracl. T. 24 S. R. 20 E.

## Chains.

- Retracements, Resurveys and Surveys hereinafter described, executed on dates shown on diagram on page 1 hereof by Sidney E. Blout, U.S. Surveyor, using a Buff light mountain transit No. 9984 described, with record of test and certificate of approval in Book "F." of this group. Description of later field tests of this instrument are given in Books "G," "H," "I," and "J" of this group. Begin retracement at Mon. No. 100, a sectional cast iron monument 6 ft. high, 12 ins. sq., at base, 9 ins. square at top, firmly set in masonry foundation on top of high spur of the Huachuca Mountains, sloping SE.
- Thence,  
 S. 89° 43' W., on true line, S. of fracl. sec. 24, toward Mon. No. 101.
- Over mountainous land, thru scattering timber and undergrowth.  
 Descend 73 ft. on SW. slope.
- 7.06 Ravine, 5 lks. wide, course S. Ascend 58 ft. on E. slope.  
 11.06 Spur, slopes S. Descend 98 ft. on W. slope.  
 15.01 Ravine, 15 lks. wide, course S. Ascend 121 ft. on SE. slope.  
 to
- 22.06 Intersect Mon. No. 101, a sectional cast iron monument 6 ft. high, 12 ins. square at base, 9 ins. square at top, firmly set in masonry foundation, on top of high spur of the Huachuca Mountains, sloping south.
- Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering oak.  
 Undergrowth, scattering scrub oak.  
 Good grass.
- 
- From Mon. No. 101, above described,  
 S. 89° 43' W., on true line, S. of fracl. sec. 24 toward Mon. No. 102.
- Over mountainous land, thru scattering timber and undergrowth.  
 Descend 230 ft. over cliffs. on W. slope of spur.
- 10.21 Ravine, 8 lks. wide, course S. Ascend 68 ft. on SE. slope.  
 16.66 Spur, slopes S. 40° W. Descend 538 ft. on W. slope.  
 35.16 Ravine, 20 lks. wide, course S. 40° W. Ascend 40 ft. on SE. slope.
- 45.64 Intersect the closing cor. of fracl. secs. 23 and 24, hereinafter described.  
 Continue line and measurement, south of fracl. sec. 23.
- 45.92 Rocky spur, slopes S. 10° W. Descend 20 ft. on NW. slope.  
 50.71 Ravine, 25 lks. wide, course S. 20° W. Ascend 599 ft. on SE. slope to
- 85.86 Intersect Mon. No. 102, a sectional cast iron monument, 6 ft. high, 12 ins. square at base, 9 ins. square at top, firmly set in masonry foundation, on top of high ridge of the Huachuca Mountains bearing N. 10° E. and S. 30° W.
- Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering oak and juniper.  
 Undergrowth, scattering scrub oak.  
 Good grass.
- 
- From Mon. No. 102, above described,  
 S. 89° 43' W., on true line, S. of fracl. secs. 23, toward Mon. 103.
- Over mountainous land, thru scattering timber and undergrowth.  
 Descend 87 ft. on NW. slope.
- 6.93 Ravine, 10 lks. wide, course S. 30° W. Ascend 20 ft. on SE. slope.
- 11.03 Top of ascent; change to S. slope, and descend 25 ft.  
 20.83 Spur, slopes W. Descend 325 ft. along top of same.

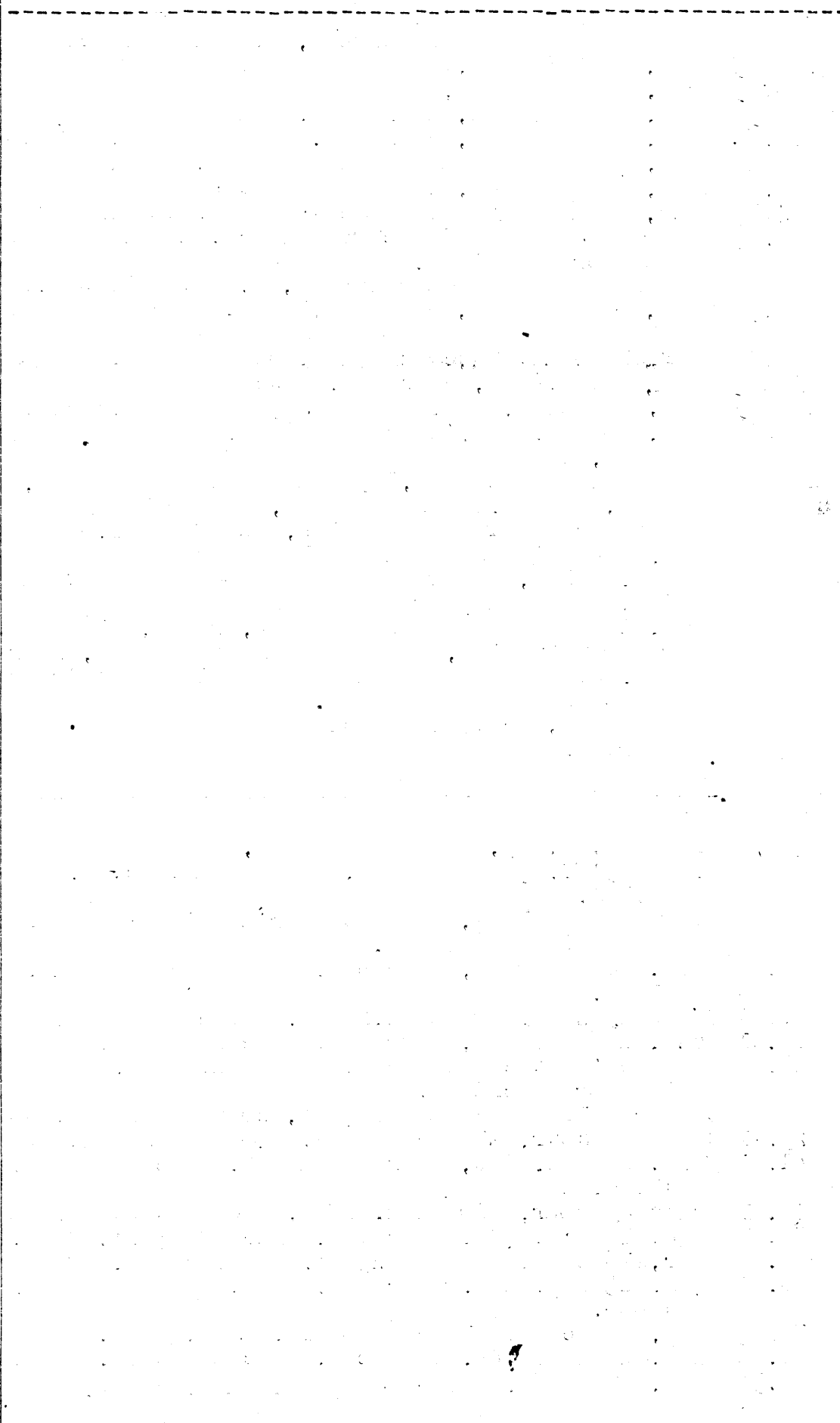
Retracement of United States-Mexico International Boundary  
Line bet Mon No 100 and Mon No 104 S. of fracl. T. 24 S. R. 20 E. 3

- Chains.
- 39.48 Intersect the closing cor. of fracl. secs. 22 and 23, herein after described.  
Continue line and measurement, S. of fracl. sec. 22.
  - 46.73 Ravine, 15 lks. wide, course S. 40° W. Leave mountainous, and enter rolling land. Ascend 24 ft. on SE. slope.
  - 48.63 Spur, slopes S. 30° W. Descend 43 ft. on NW. slope.
  - 59.23 Wash, 30 lks. wide, course S. 20° W. Ascend 20 ft. on SE.
  - 61.13 Spur, slopes SW. Descend 20 ft. on W. slope.
  - 62.48 Wash, 40 lks. wide, course S.
  - 74.98 Road brs. N. and S.
  - 90.38 Wash, 15 lks. wide, course S. 20° W.
  - 99.48 Wash, 10 lks. wide, course S.
  - 110.58 Wash, 20 lks. wide, course S. 30° W.
  - 119.68 Intersect the closing cor. of fracl. secs. 21 and 22, hereinafter described.  
Continue line and measurement, S. of fracl. sec. 21.
  - 128.13 Wash, 15 lks. wide, course S. 40° W.
  - 146.13 Draw, 100 lks. wide, course S.
  - 151.38 Wash, 15 lks. wide, course S. 10° E.
  - 160.58 Wash, 10 lks. wide, course S. Ascend 17 ft. on E. slope.
  - 162.13 Spur, slopes S. Descend 21 ft. on W. slope.
  - 175.18 Wash, 20 lks. wide, course S. Ascend 21 ft. on SE. slope.
  - 184.13 Spur, slopes S. 20° W. Descend 20 ft. on W. slope.
  - 199.75 Intersect the closing cor. of fracl. secs. 20 and 21, hereinafter described.  
Continue line and measurement, S. of fracl. sec. 20.
  - 204.38 Wash, 15 lks. wide, course S. 10° W. Ascend 50 ft. on E. slope.
  - 224.13 Spur, slopes S. Descend 59 ft. on W. slope.
  - 235.13 Wash, 40 lks. wide, course S. Ascend 56 ft. on SE. slope.
  - 239.13 Spur, slopes S. 10° E. Descend 37 ft. on W. slope.
  - 244.58 Wash, 15 lks. wide, course S. 10° E. Ascend 80 ft. on E. slope, to
  - 254.13 Intersect Monument No. 103, a cast iron monument, 6 ft. high, 12 ins. square at base, 9 ins. square at top, firmly set in masonry foundation, on low spur, sloping south. Land, mountainous for a little over a half mile W. from Mon. No. 102, the remainder of the line between Mons. Nos. 102 and 103 being rolling. Soil, in the mountainous portion, rocky, 4th rate. In the rolling portion, sandy and gravelly clay, 3rd rate. Timber, scattering oak and juniper in mountainous portion, dense in rolling portion. Undergrowth, scattering scrub oak. Good grass.
- 
- From Mon. No. 103, described above,  
S. 89° 43' W., on true line, S. of fracl. sec. 20, toward Mon. No. 104.  
Over rolling land, thru scattering timber and undergrowth. Descend 8 ft. on W. edge.
  - 6.46 Wash, 10 lks. wide, course S. 20° W. Ascend 10 ft. on SE. slope.
  - 16.81 Gravelly spur, slopes S. 20° W. Descend 35 ft. on W. slope.
  - 23.01 Wash, 20 lks. wide, course S. Ascend 47 ft. on SE. slope.
  - 25.32 Intersect the closing cor. of fracl. secs. 19 and 20, hereinafter described.  
Continue line and measurement, south of fracl. sec. 19.
  - 29.81 Gravelly spur, slopes S. 20° W. Descend 44 ft. on W. slope.
  - 41.81 Wash, 20 lks. wide, course S. 20° W. Ascend 39 ft. on SE. slope.
  - 46.81 Gravelly spur, slopes S. 20° W. Descend 20 ft. on W. slope.
  - 54.96 Wash, 10 lks. wide, course S. Ascend 43 ft. on E. slope.
  - 64.81 Spur, slopes S. Descend 29 ft. on W. slope.
  - 70.81 Wash, 15 lks. wide, course S. 10° W. Ascend 28 ft. on E. slope.
  - 75.81 Spur, slopes S. Descend 59 ft. on W. slope.
  - 80.06 Wash, 20 lks. wide, course S. Ascend 46 ft. on E. slope.
  - 89.31 Spur, slopes S. Descend 63 ft. on W. slope.

Retracement of United States-Mexico International Boundary  
 A. Line bet. Mon.No.100 and Mon.No.104, S. of fracl.T.24S, R20E.

Chains.

- 99.66 Wash, 40 lks.wide, course S. Ascend 119 ft. on E.slope.
- 103.40 Intersect the closing cor.of fracl.secs. 19 and 24, and  
 fracl.Ts.24 S., Rs.19 and 20 E., hereinafter described.  
 Continue line and measurement, S.of fracl.secs24, Fracl.T.  
 24 S., R.19 E.
- 116.81 Intersect Mon.No.104, a cast iron monument, 6 ft. high, 12  
 ins. square at base, 9 ins. square at top, firmly set,  
 in masonry foundation.  
 Land, rolling.  
 Soil, gravelly and rocky 2nd and 3rd rate.  
 Timber, scattering oak and juniper.  
 Undergrowth, scattering scrub oak.  
 Good grass.



Survey of East boundary of fracl. Township 24 South, Range 20 East. 5.

Chains.

- Begin at the reestablished cor. of T.23 S., R.20E., and fracl. T.24 S., R.20E., described in Book "J" of this group. Thence, South on East bdy. of sec. 1. Over mountainous land, thru scattering timber and dense undergrowth. Ascend 10 ft. on NE. slope.
- 1.00 Spur, slopes S.60°E. Descend 18 ft. on SW. slope.
- 2.05 Ravine, 12 lks. wide, course S.60°E. Ascend 11 ft.
- 2.25 Intersect the reestablished cor. of T.23 S., R.21 E. & fracl. T.24 S., R.21 E., described in Book "J," of this group.
- 3.00 Spur, slopes S.60°E. Descend 34 ft. over SW. slope.
- 3.30 Road brs. E. and W.
- 10.55 Dry bed of Ash Creek, 25 lks. wide, course E. in the N. fork of Ash Canyon. Ascend 97 ft. on N. slope.
- 16.00 Rocky spur, slopes N.40°E. Descend 85 ft. over SE. slope.
- 25.15 Road brs. N.30°E. and S.30°W.
- 27.00 A house brs. W. about 150 lks. dist.
- 33.15 Running water 6 lks. wide, 3 ins. deep, course N.70°E. in the S. fork of Ash Canyon. Asc. 161 ft. over NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{2}$  sec. cor., of sec. 1, marked on brass cap,

S1  
1916

from which,

- An oak, 6 ins. in diam., brs. N.49 $\frac{1}{2}$ °W., 60 lks. dist., marked  $\frac{1}{2}$  S 1 B T.
- An oak, 10 ins. in diam., brs. S.62 $\frac{1}{2}$ °W., 54 lks. dist., marked  $\frac{1}{2}$  S 1 B T.

- 42.25 (40.00 chs. S. from cor. of T.23 S., R.21 E., and fracl. T.24 S., R.21 E.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 6, fracl. T.24 S., R.21 E., marked on brass cap,

S6  
1916

from which,

- A madrone, 6 ins. in diam., brs. N.70 $\frac{1}{2}$ °E., 14 lks. dist., marked  $\frac{1}{2}$  S 6 B T.
- An oak, 6 ins. in diam., brs. N.58 $\frac{1}{2}$ °E., 15 lks. dist., marked  $\frac{1}{2}$  S 6 B T.

- 47.00 Spur, slopes N.40°W., Descend 32 ft. on SW. slope.
- 48.25 Ravine, 20 lks. wide, course N.40°W. Asc. 107 ft. on NE. slope.
- 54.00 Spur, slopes N.40°W. Descend 21 ft. on SW. slope.
- 56.60 Ravine, 10 lks. wide, course N.40°W. Asc. 157 ft. on NE. slope.
- 63.00 Spur, slopes N.40°W. Descend 5 ft. on SW. slope.
- 65.25 Ravine, 10 lks. wide, course N.60°W. Asc. 359 ft. on NE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1 and 12, marked on brass cap,

T24S  
S 1  
S12  
R20E  
1916

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Land, mountainous. Soil, rocky, 3rd and 4th rate. Timber, oak, juniper, and scattering madrone. Undergrowth, dense scrub oak, mountain mahogany and manzanita. Good grass.

South, on E. bdy. of sec. 12. Over mountainous land, thru scattering timber and dense undergrowth. Ascend 366 ft. on NW. slope.

- 2.25 (40.00 chs. S. from  $\frac{1}{2}$  sec. cor. of sec. 6), Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 6 and 7, fracl. T.24 S., R.21 E., marked on brass cap,

6. East boundary of fracl. Township 24 South, Range 20 East.

Chains

T24S  
S 6  
S 7  
R21E

1916

- 9.00 Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Ridge, brs. N.60°E. and S.70°W. Desc. 500 ft. over SE. slope.
- 21.00 Ravine, 25 lks. wide, in bottom of canyon, course S.60°E.; ascend 452 ft. on NE. slope.
- 36.70 Rocky spur, slopes N.60°E. Descend 419 ft. on broken SE. slope.
- 37.00 Top of cliff, 100 ft. high, brs. N.60°E. and S.60°W.; extends E. of line, about 8 chs., and W. of line, 6 chs. dist.
- 40.00 The point for the ¼ sec. cor. of sec. 12, falls on face of cliff, where it is impracticable to establish a permanent cor.; therefore, cut a cross (x) at the exact point for ¼ sec. cor.; and at
- 41.00 At foot of cliff, Set an iron post, 3 ft. long, 1 in. in diam., for witness cor. to the ¼ sec. cor. of sec. 12, marked on brass cap,

WC  
¼ S 12  
1916

from which,

- An oak, 12 ins. in diam., brs. S.44¾°W., 136 lks. dist., marked WC ¼ S 12 B T.
- An oak, 14 ins. in diam., brs. S.81°W., 92 lks. dist., marked WC ¼ S 12 B T.
- 42.25 (40.00 chs. S. from cor. of secs. 6 and 7), Set an iron post, 3 ft. long, 1 in. in diam., 26 ijs. in the ground, for ¼ sec. cor. of sec. 7, fracl. T. 24 S., R. 21 E., marked on brass cap,

¼ S 7  
1916

from which,

- A madrone, 10 ins. in diam., brs. N.58¼°E., 123 lks. dist., marked ¼ S 7 B T.
- A madrone, 10 ins. in diam., brs. S.25°E., 67 lks. dist., marked ¼ S 7 B T.
- 49.60 Ravine, 15 lks. wide, course S.60°E. Ascend 29 ft. on NE. slope.
- 56.00 Spur, slopes S.60°E. Descend 521 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, for cor. of secs. 12 and 13, marked on brass cap,

T24S  
S 12  
S 13  
R20E  
1916

from which,

- An oak, 10 ins. in diam., brs. N.31°W., 166 lks. dist., marked T24S R20E S12 B T.
  - An oak, 12 ins. in diam., brs. S.78°W., 131 lks. dist., marked T24S R20E S13 B T.
- Land, mountainous.  
Soil, rocky, 3rd and 4th rate.  
Timber, scattering oak and madrone.  
Undergrowth, dense scrub oak and mountain mahogany.  
Good grass.

South, on E. bdy. of sec. 13.  
Over mountainous land, thru. scattering timber and undergrowth. Descend 345 ft. on SW. slope.



East boundary of fracl. Township 24 South Range 20 East. 7.

Chains.

2.25 (40.00 chs. S. from  $\frac{1}{2}$  sec. cor. of sec. 7), Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in a mound of stone, for cor. of secs. 7 and 18, fracl. T. 24 S., R. 21 E. marked on brass cap,

T24S  
S 7  
S18  
R21E

1916

from which,

An oak, 12 ins. in diam., brs. N. 74 $\frac{1}{2}$ ° E., 106 lks. dist., marked T24S R21E S7 B T.

An oak, 12 ins. in diam., brs. S. 24 $\frac{1}{2}$ ° E., 61 lks. dist., marked T24S R21E S18 B T.

25.30 Ravine, 20 lks. wide, course S. 40° E. Ascend 5 ft. on NE. slope.

26.50 Spur, slopes S. 30° E. Descend 70 ft. on SW. slope.

31.30 Dry bed of creek, 30 lks. wide, course S. 70° E. in Montezuma Canyon; ascend 20 ft.

32.15 Road brs. N. 70° W. and S. 70° E.

35.50 Spur, slopes N. 60° E. Descend 15 ft.

36.30 Ravine, 10 lks. wide, course N. 70° E. Ascend 1085 ft. on NW. slope.

40p00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 13, marked on brass cap,

S13

1916

from which,

An oak, 6 ins. in diam., brs. N. 82 $\frac{1}{2}$ ° W., 15 lks. dist., marked  $\frac{1}{2}$  S 13 B T.

An oak, 6 ins. in diam., brs. S. 15 $\frac{1}{2}$ ° W., 35 lks. dist., marked  $\frac{1}{2}$  S 13 B T.

42.25 (40.00 chs. S. from cor. of secs. 7 and 18), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor. of sec. 18, fracl. T. 24 S., R. 21 E., marked on brass cap,

S18

1916

from which,

An oak, 8 ins. in diam., brs. N. 46° E., 65 lks. dist., marked  $\frac{1}{2}$  S 18 B T.

An oak, 8 ins. in diam., brs. S. 89 $\frac{1}{2}$ ° E., 43 lks. dist., marked  $\frac{1}{2}$  S 18 B T.

70.90 Rocky ridge, brs. N. 60° E. and S. 60° W. Descend 151 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of sec. 13, and fracl. sec. 24, marked on brass cap,

T24S  
S13  
S24  
R20E

1916

from which,

An oak, 10 ins. in diam., brs. N. 48° W., 111 lks. dist., marked T24S R20E S13 B T.

An oak, 20 ins. in diam., brs. S. 17 $\frac{1}{2}$ ° W., 93 lks. dist., marked T24S R20E S24 B T.

Land, mountainous, drains to the E. and SE.

Soil, rocky, 3rd and 4th rate.

Timber, scattering oak, madrone, juniper and pinon.

Undergrowth, scattering scrub oak.

Good grass.

8. East bdy. of fracl. Township 24 South, Range 20 East.

Chains.

South, on E. bdy. of fracl. sec. 24.  
Over mountainous land, thru scattering timber; descend 42 ft. on SE. slope.

2.25 (40.00 chs. S. from  $\frac{1}{4}$  sec. cor. of sec. 18) Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of sec. 18, and fracl. sec. 19, fracl. T. 24 S., R. 20 E., marked on brass cap,

T24S  
S18  
S19  
R21E

1916

from which,

An oak, 12 ins. in diam., brs. N.  $62\frac{1}{2}^\circ$  E., 102 lks. dist., marked T24 S, R21E, S18 BT.

An oak, 12 ins. in diam., brs. S.  $9\frac{3}{4}^\circ$  E., 164 lks. dist., marked T24S, R21E S19 BT.

5.50 Ravine, 18 lks. wide, course S.  $70^\circ$  E.; ascend 9 ft.

7.50 Spur, slopes E. Descend over S. slope.

17.18 Intersect the International Boundary Line, between the United States and Mexico, 12.28 chs. N.  $89^\circ 43'$  E. from Monument No. 100, hereinbefore described.

At the point of intersection, Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for closing cor. of fracl. secs. 19 and 24, and fracl. Ts. 24 S., Rs. 20 and 21 E., marked on brass cap,

C C  
T24 S  
R20E R21E  
S24 S19  
MEXICO

1916

from which,

An oak, 12 ins. in diam., brs. N.  $27\frac{1}{2}^\circ$  E., 24 lks. dist., marked CC T24S R21E S19 BT.

An oak, 10 ins. in diam., brs. N.  $20\frac{1}{2}^\circ$  W., 20 lks. dist., marked CC T24S R20E S24 BT.

Land, mountainous. Soil, rocky, 3rd and 4th rate. Timber, scattering oak. No undergrowth. Good grass.

RETRACEMENT OF PART OF N. BDY. OF FRACL. T. 24 S., R. 20 E.

Begin at the reestablished cor. of T. 23 S., R. 20 E., and fracl. T. 24 S., R. 20 E., described in Book "J," of this group,

Thence, N.  $89^\circ 55'$  W., on a true line, bet. secs. 1 and 36 ( $E. \frac{1}{2}$ ).

Over mountainous land, thru scattering timber and dense undergrowth. Ascend 20 ft. on NE. slope.

1.00 Spur, slopes S.  $50^\circ$  E., descend 40 ft. on SW. slope.

33.00 Ravine, 15 lks. wide, course S.  $50^\circ$  E. Ascend 78 ft.

32.00 Spur, slopes SE. Descend 25 ft. over SW. slope.

39.82 Intersect the original sec. cor. of secs. 1 and 36, a limestone in place 24x16x10 ins. above ground, marked "X" on top, and witnessed by one bearing tree SE. and one tree NW. of cor.

Thence N.  $89^\circ 58'$  W. on a true line, bet. secs. 1 and 36 ( $W. \frac{1}{2}$ ).

Over mountainous land, thru scattering timber and dense undergrowth. Descend 20 ft. on SE. slope.

5.60 Ravine, 10 lks. wide, course S.  $20^\circ$  W. Asc. 53 ft. on SE. slope.

12.48 Spur, slopes S. Descend 20 ft. on W. slope.

17.68 Ravine, 10 lks. wide, course S. Ascend 14 ft. on E. slope.

19.98 Spur, slopes S.  $20^\circ$  E. Descend 157 ft. on SW. slope.

27.98 Ravine, 20 lks. wide, course S.  $20^\circ$  E. Ascend 264 ft. on NE. slope, to

40.00 Intersect the original cor. of secs. 1, 2, 35 & 36, a granite stone, 6x8x5 ins. above ground, firmly set, marked with 1 notch on E. and 5 notches on W. edge, and witnessed by four bearing trees, NE., SE., SW. and NW. of cor.

Land, mountainous. Soil, rocky, 3rd and 4th rate.

Resurvey of part of North bdy. of fracl. T.24 S., R. 20 E.

Chains.

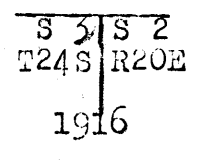
Timber, scattering oak, juniper, pinon and madrone.  
Undergrowth, dense scrub oak and mountain mahogany.  
Good grass.

- N.89°59'W., on a true line, bet. secs. 2 and 35 (E. 1/2)  
Over mountainous land, thru. scattering timber and dense undergrowth.
- .50 Spur, slopes S.40°E. Descend 31 ft. over SW.slope.
- 4.90 Rocky ravine, 15 lks.wide, course S.10°W. Ascend 59 ft. on SE.slope.
- 7.40 Spur, slopes S. Descend 65 ft. on W.slope.
- 10.80 Ravine, 10 lks.wide, course S. Ascend 57 ft. on E.slope.
- 14.00 Spur, slopes S.20°E. Descend 37 ft. on SW.slope.
- 16.60 Ravine, 14 lks.wide, course S.10° W. Ascend 38 ft. on SE. slope.
- 19.00 Spur, slopes S.40°E. Descend 16 ft. over SW.slope.
- 21.60 Dry bed of Ash Creek, 20 lks.wide, course S.20°E. in Ash Canyon. Ascend 366 ft. on NE.slope.
- 24.55 Road, brs. N.10°W. and S.10°E.
- 39.50 Spur, slopes N.50°E. Descend 4 ft. over NW.slope, to
- 39.96 Intersect the original 1/4 sec.cor. of secs.2 and 35, a granite rock in place 3x3x4ft., marked "X<sub>1</sub>" on top, and witnessed by one bearing tree NE. and one tree SW. of cor.

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, scattering oak, pinon, juniper and madrone.  
Undergrowth, dense scrub oak and mountain mahogany.  
Good grass.

Resurvey of part of the NE bdy. of fracl. T.24 S., R.20 E.

- From original 1/4 sec.cor. of secs. 2 and 35, hereinbefore described,  
N.89° 59' W., on a true line, on N.bdy. of sec.2 (W. 1/2).  
Over mountainous land, thru. scattering timber and dense undergrowth. Descend 40 ft. on NW. slope.
- 3.84 Ravine, 20 lks.wide, course N.50° E. Ascend 345 ft. on SE. slope.
- 12.00 Spur, slopes NE. Ascend 542 ft. along N.slope, to
- 26.00 Ravine, 20 lks.wide, course N.50°E. Ascend 665 ft. on E. slope.
- 38.45 Main ridge of the Huachuca Mountains, brs. N.20°W. and S.10° E. Descend 15 ft. on W.slope, to
- 38.53 Intersect the original cor. of secs. 2, 3, 34 and 35, being a point on limestone ledge bearing N. and S., marked "X" at cor. point, and 2 notches E. and 4 notches W. of cross, and witnessed by four bearing trees, NE., SE., SW. and NW. of cor., and mound of stone, S. of cor.  
Reestablish this cor. to refer to secs. 34 and 35 only by obliterating marking on SE. and SW. bearing trees, and moving mound of stone, from S. to N. of cor.  
Continue measurement.
- N.89° 58' W., on a true line, on N. bdy. of sec.2.
- 40.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 2 and 3, marked on brass cap,



from which,  
 A pine, 20 ins. in diam., brs. S.20°E. 208 lks. dist., marked T 24 S R20E S2 B T.  
 A pine, 24 ins. in diam., brs. S.21°W., 64 lks. dist., marked T24S R20E S3 BT.

10 Resurvey of part of North bdy of fracl. T. 24 S. R. 20 E.

Chains.

Land, mountainous.  
Soil, barren limestone and clay, 4th rate.  
Timber, scattering oak, juniper, pinon, ash and locust.  
Undergrowth, dense scrub oak, and mountain mahogany.  
Good grass.

N. 89° 58' W., on a true line, on N. bdy. of sec. 3.  
Over mountainous land, thru scattering timber and dense undergrowth. Descend 300 ft. on NW. slope.

- 8.00 Ravine, 15 lks. wide, course S. 30° W. Ascend 50 ft.
- 13.00 Point of spur, brs. NE. and SW. Descend 225 ft. on W. slope.
- 21.63 Ravine, 10 lks. wide, course south. Ascend 70 ft.
- 25.00 Point of spur, brs. N. 30° E. and S. 30° W. Descend 125 ft., over NW. slope.
- 30.73 Ravine, 15 lks. wide, in bottom of canyon, course S. 20° W. Ascend 80 ft. on SE. slope.
- 38.37 (39.84 chs. N. 89° 58' W. from cor. of secs. 34 and 35) Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, a limestone, 10x8x8 ins., above ground, firmly set, marked "4" on N. face, and witnessed by one bearing tree NW., and one tree SE. of cor.  
Reestablish this cor. to refer to sec. 34 only by obliterating marking on SE. bearing tree.  
Continue measurement,  
N. 89° 48' W., on true line, on N. bdy. of sec. 3.
- 40.00 On spur, sloping S. 10° W., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 3, marked on brass cap,

1/4 S 3  
1916

from which,

- An oak, 8 ins. in diam., brs. S. 24° E., 35 lks. dist., marked  $\frac{1}{4}$  S 3 B T.
- An oak, 6 ins. in diam., brs. S. 43 $\frac{1}{2}$ ° W., 34 lks. dist., marked  $\frac{1}{4}$  S 33 B T.

- descend 108 ft. on NW. slope.
- 49.30 Ravine, 15 lks. wide, course S. Ascend 166 ft. on SE. slope.
- 59.60 Ridge, brs. N. 60° E. and S. 50° W. Descend 178 ft., over NW. slope.
- 66.80 Head of ravine, course N. 20° W. Ascend 36 ft. on NE. slope.
- 69.90 Spur, slopes N. 20° W. Descend 316 ft. on SW. slope.
- 78.33 (39.96 chs. N. 89° 48' W. from  $\frac{1}{4}$  sec. cor. of sec. 34) Intersect the original cor. of secs. 3, 4, 33 and 34, a porphyry stone, firmly set in a mound of stone, the stone exposed, 8x8x14 ins. from mound, mkd. with 3 notches on each of E. and W. edges, and witnessed by one bearing tree SE., and one tree NW. of cor., and mound of stone W. of cor.  
Reestablish this cor. to refer to secs. 33 and 34 only, by obliterating marking on SE. bearing tree and moving mound from W. to N. of cor.  
Continue measurement,  
S. 89° 54' W., on a true line, on N. bdy. of sec. 3.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 3 and 4, marked on brass cap,

S 4 | S 3  
T 24 S | R 20 E  
1916

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.  
Land, mountainous.  
Soil, gravelly and rocky, 3rd and 4th rate.

Resurvey of North Boundary of frac. T. 24 S. R. 20 E. 11

Chains.

Timber, scattering oak, pinyon, juniper, fir, ash and locust. Undergrowth, dense scrub oak, mountain mahogany and buck brush. Good grass.

S. 89° 54' W., on a true line, on N. bdy. of sec. 4. Over mountainous land, thru. scattering timber, and dense undergrowth. Descend 396 ft. on SW. slope.

- 6.70 Ravine, 20 lks. wide, course N. 30° W. Ascend 116 ft. on NE. slope.
  - 19.60 Spur, slopes N. 40° W. Descend 777 ft. on SW. slope.
  - 37.80 Ravine, 15 lks. wide, in canyon, course N. 40° W. Ascend 27 ft. on NE. slope.
  - 38.27 (39.94 chs. S. 89° 54' W. from cor. of secs. 33 and 34) Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, a porphyry stone 11x8x8 ins. above ground, firmly set, marked "4" on N. face and witnessed by one bearing tree NE. and one tree SE. of cor. Reestablish this cor. to refer to sec. 33 only, by obliterating marking on SE. bearing tree.
- Continue measurement,  
S. 89° 58' W., on a true line, on N. bdy. of sec. 4.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 4, marked on brass cap,

S 4  
1916

from which,

- An oak, 12 ins. in diam., hrs. S. 20 lks. dist., marked S 4 B T.
- An oak, 10 ins. in diam., hrs. S. 10° E., 45 lks. dist., marked S 4 B T.

- 43.25 Spur, slopes N. 40° W. Descend 111 ft. over SW. slope.
  - 53.15 Ravine, 16 lks. wide, in canyon, course N. 30° W. Ascend 140 ft. on NE. slope.
  - 68.25 Spur, slopes W. from SE. Descend 188 ft. along N. slope of same.
  - 75.25 Same spur, slopes N. 40° W. from E. Leave spur, and continue descent over SW. slope.
  - 78.37 (40.10 chs. S. 89° 58' W. from  $\frac{1}{4}$  sec. cor. of sec. 33) Intersect the original cor. of secs. 4, 5, 32 and 33, a porphyry stone 10x8x8 ins. above ground, marked with 4 notches on E., and 2 notches on W. edge, and witnessed by 4 bearing trees NE, SE., SW. and NW. of cor. Reestablish this cor. to refer to secs. 32 and 33 only by obliterating marking on SE, and SW. bearing trees.
- Continue measurement.  
West, on a true line, on N. bdy. of sec. 4.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 4 and 5, marked on brass cap,

S 5 | S 4  
T 24 S | R 20 E  
1916

from which,

- An oak, 8 ins. in diam., hrs. S. 34° E., 39 lks. dist., marked T 24 S R 20 E S 4 B T.
- An oak, 12 ins. in diam., hrs. S. 17 $\frac{1}{2}$ ° W., 97 lks. dist., marked T 24 S R 20 E S 5 B T.

12 Resurvey of part of the North bdy. of fracl. T. 24 S. R. 20 E.

Chains.

Land, mountainous.  
Soil, gravelly and rocky, 3rd and 4th rate.  
Timber, scattering oak, juniper and pinon, fir and locust.  
Undergrowth, dense scrub oak and mountain mahogany.  
Good grass.

West, on a true line, on N. bdy. of sec. 5.  
Over mountainous land, thru scattering timber and dense undergrowth. Descend 350 ft. on SW. slope.

- 22.87 Road, brs. N. 30° E. and S.
  - 24.57 Cave Creek, running water, 10 lks. wide. 4 ins. deep, course S. 30° W. Ascend 80 ft. on SE. slope.
  - 26.77 Road brs. N. and S.
  - 28.37 James A. Southerland's house brs. S. about 5.00 chs. dist.
  - 38.27 (39.90 chs. W. from cor. of secs. 32 and 33), Intersect the original 1/4 sec. cor. of secs. 5 and 32, a porphyry stone 10x10x10 ins. above ground, firmly set, marked "1" on N. face, and witnessed by one bearing tree SW., and one tree NW. of cor. Reestablish this cor. to refer to sec. 32 only by obliterating marking on SW. bearing tree.
- Continue measurement.  
S. 89° 53' W., on a true line, on N. bdy. of sec. 5.  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 5, marked on brass cap,

S 5  
1916

from which,

- An oak, 10 ins. in diam., brs. S. 68° E., 94 lks. dist., marked S 5 B T.
  - An oak, 10 ins. in diam., brs. S. 108° W., 82 lks. dist., marked S 5 B T.
  - 50.50 Spur, slopes S. 10° E. Descend 232 ft. on SW. slope.
  - 70.57 Ravine, 15 lks. wide, course S. 20° W. Ascend 15 ft. on SE. slope.
  - 73.27 Spur, slopes S. 30° W. Descend 44 ft. on SW. slope.
  - 78.41 (40.14 chs. S. 89° 53' W., from 1/4 sec. cor. of sec. 32), Intersect the original cor. of secs. 5, 6, 31 and 32, a porphyry stone exposed 10x10x12 ins. from mound of stone, in which it is firmly set, marked with 5 notches on E., and 1 notch on W. edges, and witnessed by four bearing trees, NE., SE., SW., and NW. of cor. Reestablish this cor. to refer to secs. 31 and 32 only by obliterating marking on SE. and SW. bearing trees.
- Continue measurement,  
N. 89° 59' W., on a true line, on N. bdy. of sec. 5.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 5 and 6, marked on brass cap,

S 6 S 5  
T24S R20E  
1916

from which,

- An oak, 24 ins. in diam., brs. S. 59 1/2° E., 62 lks. dist., marked T24S R20E S5BT.
  - An oak, 8 ins. in diam., brs. S. 35° W., 80 lks. dist., marked T24S R20E S6BT.
- Land, mountainous.  
Soil, gravelly and rocky, 3rd and 4th rate.  
Timber, scattering oak, juniper, pinon, madrone, ash and sycamore.  
Undergrowth, dense scrub oak, mountain mahogany and buck

Resurvey of part of the North bdy. of fracl. T. 24 S. R. 20 E. 13

Chains.

brush.  
Good grass.

- 9.50 N. 89° 59' W., on a true line, on N. bdy. of sec. 6. Over mountainous land, thru dense timber and undergrowth.
- 10.90 Ravine, 10 lks. wide, course S. 20° W. Ascend 6 ft.
- 23.40 Spur, slopes S. 30° W. Descend 92 ft. over NW. slope.
- 24.00 Ravine, 10 lks. wide, course S. 40° W. Leave mountainous and enter rolling land. Asc. 7 ft. on SE. slope.
- 29.10 Spur, slopes S. 40° W. Descend 12 ft.
- 38.48 Wash, 15 lks. wide, course S. Asc. 32 ft. on E. slope.
- 38.48 (40.07 chs. N. 89° 59' W. from cor. of secs. 31 and 32), Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, a porphyry stone exposed, 16x14x10 ins. from mound of stone, in which it is firmly set, marked "1/4" on N. face, and witnessed by one bearing tree NE., and one tree SW. of cor. Reestablish this cor. to refer to sec. 31 only, by obliterating marking on SW. bearing tree.
- 40.00 Continue measurement, N. 89° 51' W., on a true line, on N. bdy. of sec. 6. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., of sec. 6, marked on brass cap,

1/4 S 6

1916

from which,

- An oak, 20 ins. in diam., brs. S. 56 1/4° E., 50 lks. dist., marked  $\frac{1}{4}$  S 6 B T.
- An oak, 22 ins. in diam., brs. S. 67 1/4° W., 70 lks. dist., marked  $\frac{1}{4}$  S 6 B T.
- 41.78 Ravine, 15 lks. wide, course S. Ascend 20 ft.
- 46.50 Spur, slopes S. Descend 61 ft. on W. slope.
- 52.50 Ravine, 20 lks. wide, course S. 20° W. Ascend 22 ft. on SE. slope.
- 71.48 Ridge, brs. N. and S. Descend 18 ft. on W. slope.
- 74.38 Ravine, 10 lks. wide, course S. 30° W. Ascend SE. slope.
- 78.13 (39.65 chs. N. 89° 51' W. from  $\frac{1}{4}$  sec. cor. of sec. 31) Intersect the original cor. of T. 23 S., Rs. 19 and 20 E., and fracl. Ts. 24 S., Rs. 19 and 20 E., a porphyry stone, exposed, 12x12x12 ins. from mound of stone in which it is firmly set, marked with 6 notches on each of E., W., N. and S. edges, and witnessed by four bearing trees, NE., SE., SW. and NW. of cor.
- Make no change in this cor.
- Land, mountainous and rolling.
- Soil, gravelly and rocky clay loam, 4 to 12 ins. deep, 3rd and 4th rate.
- Timber, dense juniper and oak.
- Undergrowth, dense scrub oak.
- Good grass.

14 Survey of West boundary of fract. T. 24 S., R. 20 E.

Chains.

Begin at the original cor. of Ts. 23 S., Rs. 19 and 20 E., and fract. Ts. 24 S., Rs. 19 and 20 E., hereinbefore described.

Thence,  
South, bet. secs. 1 and 6.

Over rolling land, thru. dense timber and scattering undergrowth. Descend 74 ft. over SE. slope.

9.85 Wash, 15 lks. wide, course S.40°W. Ascend 20 ft. on NW. slope.

12.00 Gravelly spur, slopes SW. Descend 23 ft. on S. slope.

19.80 Wash, 20 lks. wide, course S.40°W. Ascend 52 ft. on NW. slope.

35.00 Ridge, brs. N.40°E. and S.40°W. Descend 98 ft. over SE. slope.

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

$\frac{1}{4}$  S1 S6

1916

from which,

An oak, 8 ins. in diam., brs. S.89 $\frac{1}{2}$ °E., 165 lks. dist., marked  $\frac{1}{4}$ S6 B T.

An oak, 10 ins. in diam., brs. S.60 $\frac{1}{2}$ °W., 89 lks. dist., marked  $\frac{1}{4}$  S1 BT.

78.30 Wash, 25 lks. wide, course S.40°W., Ascend 35 ft. on NW. slope, to

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,

T24S  
R19E | R20E  
S 1 | S 6  

---

S12 | S 7

1916

from which,

An oak, 10 ins. in diam., brs. N.40 $\frac{3}{4}$ °E., 153 lks. dist., marked T24S R20E S6BT.

An oak, 8 ins. in diam., brs. S.5°E., 74 lks. dist., marked T24S, R20E S7 BT.

An oak, 8 ins. in diam., brs. S.66°W., 37 lks. dist., T24S R19E S12 BT.

An oak, 10 ins. in diam., brs. N.37 $\frac{1}{2}$ °W., 96 lks. dist., marked T24S R19E S1 B T.

Land, rolling.

Soil, rocky clay loam, about 6 ins. deep, 3rd rate.

Timber, dense oak and juniper.

Undergrowth, scattering scrub oak.

Good grass.

South, bet. secs. 7 and 12.

Over rolling land, thru. dense timber and scattering undergrowth. Ascend 15 ft. on NW. slope.

9.00 Spur, slopes SW. Descend 25 ft.

19.50 Dry bed of Cave Creek, 80 lks. wide, course S.40°W. Ascend 65 ft. on NW. slope.

22.00 Road, brs. N.50°E. and S.50°W.

26.25 Branch of same road, brs. N.50°E. and S.50°W.

37.00 Ridge, brs. N.40°E. and S.40°W. Descend 78 ft. on SE. slope.

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

$\frac{1}{4}$  S12 | S 7

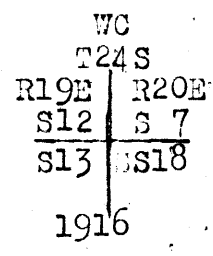
1916



Survey of West boundary of fracl. T.24 S., R.20 E. 15.

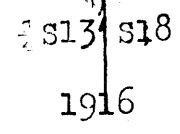
Chains.

from which,  
 An oak, 10 ins. in diam., brs.N.70 $\frac{1}{2}$ °E., 128 lks.  
 dist., marked  $\frac{1}{2}$  S 7 B T.  
 An oak, 8 ins. in diam., brs.N.37°W., 165 lks.  
 dist., marked  $\frac{1}{2}$  S 12 B T.  
 58.95 Wash, 25 lks.wide, course S.50°W. Ascend 20 ft. on NW.  
 slope.  
 70.00 Gravelly ridge, brs.N.40°E. and S.40°W. Descend 61 ft.  
 on SE.slope.  
 80.00 The point for the cor. of secs. 7,12,13 and 18, falls in  
 wash, 15 lks.wide, course S.40°W.; therefore, continue  
 line and measurement, and at  
 80.50 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in  
 the ground for witness cor.to the cor.of secs.7,12,13  
 and 18, marked on brass cap,

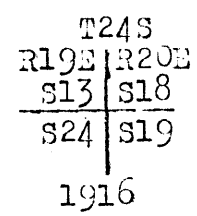


from which,  
 An oak, 12 ins. in diam., brs.N.35 $\frac{1}{2}$ °E., 154 lks.  
 dist., marked WC T24S R20E S7 BT.  
 An oak, 12 ins.in diam., brs.S.42 $\frac{1}{2}$ °E., 71 lks.  
 dist.,marked WC T24S R20E S18 BT.  
 An oak, 14 ins.in diam., brs.S.47 $\frac{1}{2}$ °W., 54 lks.  
 dist., marked WC T24S R19E S13 B T.  
 An oak, 18 ins.in diam., brs.N.16 $\frac{1}{2}$ °W., 113 lks.  
 dist., marked WC T24S R19E S12 B T.  
 Land, rolling, slopes to the SW.  
 Soil, rocky clay loam, 6 to 8 ins.deep, 3rd rate.  
 Timber, dense oak and juniper.  
 Undergrowth, scattering scrub oak.  
 Good grass.

From the true point for cor.of secs. 7,12,13 and 18, south  
 bet.secs.13 and 18,  
 Over rolling land, thru.scattering timber and undergrowth.  
 Ascend 52 ft. on NW.slope.  
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{2}$  sec.cor., marked on brass cap,



from which,  
 An oak, 8 ins.in diam., brs.S.61°E., 134 lks.  
 dist.,marked  $\frac{1}{2}$  S 18 BT.  
 No other trees within limits; raise a mound of stone, 2  
 ft.base, 1 $\frac{1}{2}$  ft. high, W.of cor.  
 45.00 Ridge, brs.N.20°E. and S.40°W.; descend 76 ft. over SE.  
 slope.  
 60.00 Ravine, 10 lks.wide, course S.20°E. Ascend 10 ft. on NE.  
 slope.  
 72.00 Low spur, slopes W. Descend 25 ft.to  
 80.00 Set an iron post, 3 ft.long, 2 ins.indiam., 24 ins. in  
 the ground, for cor.of secs.13 and 18, and fracl.secs.  
 19 and 24, marked on brass cap,



16 Survey of West boundary of fracl. T.24 S. R.20 E.

Chains.

from which,

- An oak, 14 ins. in diam., brs. N.44°E., 256 lks. dist., marked T24S, R20E S18 BT.
- An oak, 14 ins. in diam., brs. S.82½°E., 135 lks. dist., marked T24 S R20E S19 BT.
- An oak, 10 ins. in diam., brs. S.33°W., 154 lks. dist., marked T24 S R19E S24 BT.
- An oak, 24 ins. in diam., brs. N.84½°W., 171 lks. dist., marked T24S R19E S13 B 1.

Land, rolling.

Soil, rocky clay loam, about 8 ins. deep, 3rd rate.

Timber, scattering oak and juniper.

Undergrowth, scattering scrub oak.

Good grass.

South, bet. fracl. secs. 19 and 24.

Over rolling land, thru. scattering timber and undergrowth. Descend 20 ft. on SE. slope.

- 1.15 Ravine, 10 lks. wide, course S. 50°E. Ascend 20ft. on NE. slope.
- 3.00 Ridge, brs. NE. and SW. Descend 23 ft. on SE. slope.
- 14.40 Ravine, 20 lks. wide, course S. 50°E. Ascend 34 ft. on NE. slope.
- 19.84 Intersect the International Boundary line between the United States and Mexico, 13.41 chs. N. 89° 43' E. from Monument No. 104, hereinbefore described. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fracl. secs. 19 and 24, and fracl. Ts. 24 S., R. 19 and 20, E., marked on brass cap,

CC
T24S
R19E   R20E
S24   S19
-----
MEXICO

1916

from which,

- An oak, 6 ins. in diam., brs. N.13°E., 112 lks. dist., marked CC T24S R20E S19 BT.
- An oak, 16 ins. in diam., brs. N.12½°W., 124 lks. dist., marked CC T24S R19E S24 BT.

Land, rolling.

Soil, rocky clay loam, 4 to 8 ins. deep, 3rd and 4th rate.

Timber, scattering oak, and juniper.

Undergrowth, scattering scrub oak.

Good grass.

Boundaries of fracl. Township 24 South, Range 20 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.	477.73		2.36		477.73
West boundary,	North,	259.84	259.84			
North boundary	S.89°51'E.	39.65		.10	39.65	
	S.89°59'E.	40.07		.01	40.07	
	N.89°53'E.	40.14	.08		40.14	
	East,	39.90			39.90	
	N.89°58'E.	40.10	.02		40.10	
	N.89°54'E.	39.94	.07		39.94	
	S.89°48'E.	39.96		.14	39.96	
	S.89°58'E.	39.84		.02	39.84	
	S.89°59'E.	78.49		.02	78.49	
	S.89°58'E.	40.00		.02	40.00	
S.89°55'E.	39.82		.06	39.82		
East boundary,	South,	257.18		257.18		
Convergency,					.24	
<u>Totals,</u>			260.01	259.91	478.15	477.73
			259.91		477.73	
<u>Error in latitude,</u>			0.10			
<u>Error in departure,</u>					0.42	

18. Subdivision of frac1. Township 24 South, Range 20 East.

Chains.

Begin at the original cor. of secs. 1, 2, 35 and 36, on N. bdy. of the Tp., hereinbefore described.

Thence,

S. 0° 1' E., bet. secs. 1 and 2.

Over mountainous land, thru scattering timber and dense undergrowth. Descend 234 ft. on S. slope.

7.70 Dry bed of Ash Creek, 30 lks. wide, course E. in Ash Canyon. Ascend 54 ft. on N. slope.

9.50 Road brs. E. and W.

11.00 Spur, slopes E. Descend 125 ft. on S. slope.

17.00 Ravine, 20 lks. wide, course N. 60° E. Ascend 60 ft. on NW. slope.

19.00 Spur, slopes N. 40° E. Descend 40 ft. on SE. slope.

21.00 Ravine, 15 lks. wide, course N. 30° E. Ascend 740 ft. on NW. slope.

38.40 Ridge, brs. E. and S. 50° W. Descend 150 ft. over SE. slope.

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

1/2 S 2 | S 1

1916

from which,

A madrone, 6 ins. in diam., brs. N. 89 1/2° W., 21 lks. dist., marked 1/4 S 2 B T.

An oak, 6 ins. in diam., brs. S. 21 1/2° E., 21 lks. dist., marked 1/4 S 1 B T.

46.80 Head of ravine, 6 lks. wide, course S. 50° E. Ascend 186 ft. on NE. slope.

54.00 Spur, slopes S. 10° E. from W. Thence along top of spur. Descend 523 ft.

60.70 Leave top of spur, Descend abruptly over SW. slope.

74.50 Dry bed of south fork of Ash Creek, 30 lks. wide, course S. 60° E. in canyon, Ascend 208 ft. on NE. slope, 30 lks.

78.10 Pack trail, brs. N. 40° W. and S. 40° E.

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

T 24 S | R 20 E

S 2 | S 1

S 11 | S 12

1916

from which,

A pine, 20 ins. in diam., brs. S. 66 1/2° E., 114 lks. dist., marked T 24 S R 20 E S 12 B T.

No other trees within limits. Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 3rd and 4th rate.

Timber, scattering oak, pinon, juniper, sycamore and madrone.

Undergrowth, dense scrub oak and mountain mahogany.

Good grass.

40.00 S. 89° 57' E., on a random line, bet. secs. 1 and 12. Set temp. 1/4 sec. cor.

79.76 Intersect E. bdy. of Tp., 25 lks. S. of the cor. of secs. 1 and 12, hereinbefore described.

Thence,

S. 89° 52' W., on a true line, bet. secs. 1 and 12.

Over mountainous land, thru scattering timber and undergrowth. Descend 75 ft. on NW. slope.

6.75 Ravine, 20 lks. wide, course N. 10° E. Ascend 150 ft. on E. slope.

16.40 Spur, slopes N. Descend 50 ft. on W. slope.

22.26 Ravine, 10 lks. wide, course N. 20° E. Ascend 100 ft. on E. slope.

Subdivision of fracl. Township 24 South, Range 20 East. 19

Chains.

- 26.55 Spur, slopes N. 20°W. Descend 385 ft. on W. slope.
- 39.88 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

$\frac{1}{4}$ S 1  
 S 12  
 1916

from which,

- A pine, 26 ins. in diam., brs. N. 43 1/2° E., 73 lks. dist., marked 1/4 S 1 B T.
- An oak, 10 ins. in diam., brs. S. 21 1/2° E., 55 lks. dist., marked 1/4 S 12 B T.
- 41.00 Pack trail, brs. N. 20°E. and S. 20°W.
- 41.76 Running stream of clear water, 3 lks. wide, 2 ins. deep, course N. 30°E. in canyon. Ascend 200 ft. on SE. slope.
- 61.75 Spur, slopes N. 40°E. Descend 15 ft.
- 63.76 Ravine, 8 lks. wide, course N. 20°E.; ascend 266 ft. on NE. slope.
- 74.26 Spur, slopes N. 50°E. Descend 40 ft. on NW. slope.
- 76.45 Ravine, 15 lks. wide, course N. 30°E. Ascend 121 ft. on NE. slope to cor.
- 77.61 Pack trail brs. N. 10°W. and S.
- 79.76 The cor. of secs. 1, 2, 11 and 12. Land, mountainous. Soil, rocky clay loam, 4 to 8 ins. deep, 4th rate. Timber, scattering oak, juniper and pinon. Undergrowth, scattering.

S. 0°1'E., bet. secs. 11 and 12.

Over mountainous land, thru scattering timber and dense undergrowth. Ascend 598 ft. on N. slope.

- 17.65 Ridge, brs. N. 70°W. and S. 60°E. Descend 826 ft. on abrupt rocky SE. slope, along E. side of top of spur, sloping S.
- 39.00 Ravine, 25 lks. wide, course S. 10°W. Continue descent.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

$\frac{1}{4}$ S11 | S12  
 1916

from which,

- An oak, 10 ins. in diam., brs. S. 43°E., 106 lks. dist., marked 1/4 S 12 B T.
- An oak, 16 ins. in diam., brs. S. 54 1/2°W., 72 lks. dist., marked 1/4 S 11 B T.
- 42.10 Ravine, 10 lks. wide, course S. 40°W. Descend on SW. slope.
- 44.50 Ravine, 15 lks. wide, course W. Ascend 126 ft. on N. slope.
- 48.60 Rocky spur, slopes S. 50°W. Descend 826 ft. on rocky SE. slope.
- 52.20 Rocky ravine, 15 lks. wide, 20 ft. deep, course S. 30°W.
- 65.30 Ravine, 20 lks. wide, course S. 30°W. Ascend 30 ft. over NW. slope.
- 69.00 Spur, slopes SW. Descend gradually over S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap,

T24S	R20E
S11	S12
S14	S13

 1916

from which,

- An oak, 6 ins. in diam., brs. N. 33 1/2°E., 78 lks. dist., marked T24S R20E S12 B T.

20 Subdivision of frac1 Township 24 South Range 20 East

Chains.

- An oak, 6 ins. in diam., brs. S. 52° E., 79 lks. dist., marked T24S R20E S13 B T.
- An oak, 10 ins. in diam., brs. S. 63 1/2° W., 52 lks. dist., marked T24 S R20E S14 BT.
- An oak, 6 ins. in diam., brs. N. 30 1/2° W., 69 lks. dist., marked T24S R20E S11 BT.

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, scattering oak, juniper, pinon, madrone and ash.  
Undergrowth, dense scrub oak and mountain mahogany.  
Good grass.

- 40.00 N. 89° 52' E., on a random line, bet. secs. 12 and 13. Set temp. 1/4 sec. cor.
- 79.80 Intersect E. bdy. of Tp. 8 lks. S. of the cor. of secs. 12 and 13, hereinbefore described:  
Thence,  
S. 89° 49' W., on a true line, bet. secs. 12 and 13.  
Over mountainous land, thru scattering timber and undergrowth. Descend 9 ft. on W. slope.
- .65 Ravine, 10 lks. wide, course S. Ascend 244 ft. on E. slope.
- 11.30 Spur, slopes S. 10° E. Descend 161 ft.
- 17.40 Ravine, 15 lks. wide, course S. 10° E. Ascend 203 ft. on SE. slope.
- 24.20 Spur, slopes S. 20° E. Descend 308 ft. on SW. slope.
- 32.00 Mouth of tunnel, brs. N. 60 lks. dist.,
- 34.50 Ravine, 20 lks. wide, course S. Ascend 52 ft.
- 35.30 Road to tunnel mouth, brs. N. 10° E. and S. 10° W.
- 39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

S 12  
-----  
S 13  
1916

from which,

- An oak, 10 ins. in diam., brs. N. 18° E., 64 lks. dist., marked 1/4 S 12 B T.
- An oak, 12 ins. in diam., brs. S. 55 1/2° W., 37 lks. dist., marked 1/4 S 13 B T.
- 40.80 Wire fence, brs. N. and S.
- 47.00 Spur, slopes S. Descend 48 ft.
- 50.35 Ravine, 10 lks. wide, course S. 10° E. Ascend 82 ft.
- 51.29 Intersect the east end line (3-4) of "State of Texas" patented lode claim, Mineral Survey No. 1280, at point 3.61 chs. S. 1° 32' W., from cor. No. 3 thereof.

Retracement of "State of Texas" Claim.

- From cor. No. 4 (SE. cor.) of said claim,  
N. 84° 58' W., on true line, on S. side line (4-1)  
32.99 chs. to Cor. No. 1 (SW. cor.)  
Thence,  
N. 0° 40' E., on true line, on W. end line (1-2)  
7.54 chs. to cor. No. 2 (NW. cor.)  
Thence,  
N. 89° 49' E., on true line, on N. side line (2-3)  
22.92 chs. to cor. No. 3 (NE. cor.)  
Thence,  
S. 1° 32' W., on true line, on E. end line (3-4)  
9.61 chs. to cor. No. 4, the place of beginning.
- The area of claim by above described retracement, 19.66 acres.

Continue line and measurement across "State of Texas" claim.

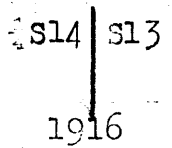
- 53.00 Spur, slopes S. 10° E. Descend 41 ft. on SW. slope.

Subdivision of fracl. Township 24 South Range 20 East 21

- Chains.
- 58.40 Ravine, 15 lks.wide, course S. 10°W. Ascend 165 ft. on SE.slope.
- 69.80 Mine shaft on line.
- 70.00 Spur, slopes S. Descend 120 ft. on W.slope.
- 73.25 Ore bins on line.
- 73.40 Mine hoist brs.S. 70 lks.dist.
- 74.23 Intersect W. end line (1-2) of "State of Texas," patented mining claim, Mineral Survey No.1280 at point 3.64 chs. S.0° 40' W., from cor.No.2 thereof. Leave patented mineral land.
- 75.15 Ravine, 15 lks.wide, course S.10° W. Ascend 54 ft. on E. slope.
- 78.80 Spur, slopes S. 10°E. Descend 6 ft. on W.slope, to
- 79.80 The cor.of secs.11,12, 13 and 14.  
Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, scattering oak and juniper.  
Undergrowth, scattering scrub oak, and mountain mahogany.  
Good grass.

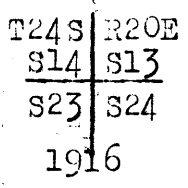
S.0° 1' E., bet. secs.13 and 14.  
Over mountainous land, thru timber and undergrowth. Desc. 191 ft. on SW. slope.

- 4.20 Road brs.N.20° E. and S.40° E., leads to mine shaft on "State of Texas" claim, in sec.13.
- 13.60 Road brs. N.70° W., and S.70° E.
- 14.10 Dry creek bed, 30 lks.wide, course E. in Montezuma Canyon. Ascend 45 ft. on NE.slope.
- 16.00 Spur, slopes N.60°E. Descend 60 ft.
- 18.25 Ravine, 15 lks.wide, course N.40° E. Ascend 792 ft. on NW. slope.
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., marked on brass cap,



from which,  
An oak, 14 ins. in diam., brs.N.89 1/2°E., 42 lks. dist., marked S 13 B T.  
An oak, 10 ins. in diam., brs. W.20 lks.dist., marked S 14 B T.

- 46.00 Ridge, brs.N.70°W. and S.70°E. Descend 242 ft. over SW. slope.
- 55.70 Ravine, 20 lks.wide, course S.30°E. Ascend 7 ft.
- 61.00 Spur, slopes S.60°E. Descend 509 ft. on SE. slope, to
- 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.13 and 14, and fracl.secs. 23 and 24, marked on brass cap,



Raise a mound of stone, 2 ft.base, 1 1/2 ft. high, W.of cor. Land, mountainous.  
Soil, rocky clay loam, 3 to 8 ins.deep, 4th rate.  
Timber, scattering oak, pinon and juniper.  
Undergrowth, scattering scrub oak and mountain mahogany.  
Good grass.

- 40.00 N.39° 49' E., on a random line bet.sec.13, and fracl.sec.24. Set temp. 1/4 sec.cor.
- 79.98 Intersect E. bdy. of tp., 8 lks.S.of the cor. of sec.13,

22. Subdivision of fracl. Township 24 South, Range 20 East.

Chains.

and fracl. sec. 24, hereinbefore described.

Thence, S. 89° 46' W., on a true line, bet. sec. 13 and fracl. sec. 24.

Over mountainous land, thru scattering timber and undergrowth. Ascend 577 ft. on SE. slope.

- 9.50 Foot of granite cliff, 170 ft. high, brs. N. and S.
- 12.50 Top of cliff bears N. 50° E. and S. 20° W.
- 17.00 Ridge, brs. N. 60° E. and S. 70° W.; thence along N. slope of same, not much change in elevation.
- 31.40 Same ridge, brs. N. 40° W. and S. 70° E. Descend 381 ft. on SW. slope.
- 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 13  
S 24  
1916

from which,

An oak, 10 ins. in diam., brs. N. 15 $\frac{1}{2}$ ° W., 26 lks. dist., marked  $\frac{1}{4}$  S 13 B T.

An oak, 12 ins. in diam., brs. S. 9° W., 100 lks. dist., marked  $\frac{1}{4}$  S 24 B T.

- 57.48 Ravine, 15 lks. wide, course S. 40° W. Ascend 28 ft. on SE. slope.
- 60.40 Spur, slopes S. 20° W. Descend 42 ft.
- 64.00 Ravine, 14 lks. wide, course S. Ascend 73 ft.
- 67.30 Spur, slopes S. 20° W. Descend 220 ft. over NW. slope.
- 78.10 Ravine, 10 lks. wide, course S. 20° W. Ascend 34 ft. on SE. slope, to
- 79.98 The cor. of secs. 13 and 14, and fracl. secs. 23 and 24. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering oak, juniper and pinon. Undergrowth, scattering scrub oak and mountain mahogany. Good grass.

S. 0° 1' E., bet. fracl. secs. 23 and 24.

Over mountainous land, thru scattering timber and undergrowth. Descend 210 ft. on SE. slope.

- 10.20 Ravine, 20 lks. wide, course S. 40° W. Ascend 23 ft. on NW. slope.
- 15.00 Spur, slopes S. 10° W. Descend 18 ft. over SE. slope, to
- 17.30 Intersect the International boundary line, between the United States and Mexico, 40.22 chs. N. 89° 43' E. from Monument No. 102, hereinbefore described. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fracl. secs. 23 and 24, marked on brass cap,

CC  
T24S | R20E  
S23 | S24  
MEXICO  
1916

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering oak and juniper. Undergrowth, scattering scrub oak. Good grass.

From the reestablished cor. of secs. 2 and 3 on N. bdy. of Tp., hereinbefore described, S. 0° 1' E., bet. secs. 2 and 3.



Subdivision of fracl. Township 24 South, Range 20 East, 23

Chains.

- Over mountainous land, thru scattering timber and dense undergrowth. Ascend 56 ft. on NW slope.
- 5.20 Spur, slopes W. Descend 168 ft. on S. slope.
- 11.50 Granite ledge, 10 ft. wide, brs. E. and W., 40 ft. high.
- 13.30 Head of ravine, 10 lks. wide, course west. Ascend 152 ft.
- 19.50 Rocky spur, slopes S. 40°W. Descend 910 ft. on SE slope.
- 38.50 Ravine, 12 lks. wide, course S. 40°W. Ascend 30 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

S3 | S2  
1916

from which,

- An oak, 6 ins. in diam., brs. N. 56°E., 43 lks. dist., marked S 2 B T.
- An oak, 6 ins. in diam., brs. N. 79 1/2°W., 27 lks. dist., marked S 3 B T.
- 42.50 Spur, slopes S. 50°W. Descend 700 ft. over S. slope.
- 74.00 Ravine, 20 lks. wide, in canyon, course S. 70°W. Ascend 98 ft. on NW slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap,

T24S | R20E  
S 3 | S 2  
S10 | S11  
1916

from which,

- A pine, 8 ins. in diam., brs. S. 63 1/2°W., 36 lks. dist., marked T24S R20E S10 BT.
- No other trees within limits; raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- Land, mountainous.
- Soil, rocky, 4th rate.
- Timber, scattering oak, juniper and pinon.
- Undergrowth, dense scrub oak and chaparral.
- Good grass.

- 
- S. 89°59'E., on a random line, bet. secs. 2 and 11.
  - 40.00 Set temp. 1/4 sec. cor.
  - 80.18 Intersect N. and S. line, 12 lks. S of the cor. of secs. 1, 2, 11 and 12.
  - Thence,
  - S. 89°56'W. on a true line, bet. secs. 2 and 11.
  - Over mountainous land, thru scattering timber and dense undergrowth. Ascend 60 ft. on.
  - 4.18 Spur, slopes N. 40°E. Descend 70 ft. on NW slope.
  - 9.18 Ravine, 15 lks. wide, course N. 40°E. Ascend 139 ft.
  - 13.68 Spur, slopes N. 40°E. Descend 67 ft. on NW slope.
  - 18.83 Head of ravine, 8 lks. wide, course N. 30°E. Ascend 492 ft.
  - 36.90 Mountain ridge, brs. N. 20°W. and S. 50°E. Descend 261 ft. over SW slope.
  - 40.09 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

S 2  
S 11  
1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high. N. of cor.  
From this cor.,  
U.S.L.M. No. 1274 brs. N. 48°38'W. 17.39 chs. dist.  
Cor. No. 4 (SW. cor.) of the Boston patented lode claim, Mineral Survey No. 1274, identical with cor. No. 4 (SE. cor.)

24. Subdivision of frac. Township 24 South, Range 20 East.

Chains.

- of the Way Up patented lode claim of same survey, brs. N.66° 26' W., 16.52 chs. dist.
- 44.08 Pack trail, brs. N.10° W. and S.10° E.
- 46.88 Head of Montezuma Canyon, 20 lks. wide, course S.20° W. As- 174 ft. SE. slope.
- 60.60 Main ridge of the Huachuca Mountains, brs. N.20° E. and S.20° W. Descend 683 ft. on NW. slope to sec. cor.
- 64.50 Pack trail, brs. N. and S.
- 69.00 Ravine, 5 lks. wide, 30 ft. deep, course N.60° W.
- 80.18 The cor. of secs. 2, 3, 10 and 11.  
Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, scattering oak, pinon, juniper and madrone.  
Undergrowth, dense scrub oak, ash, and mountain mahogany.  
Good grass.

-----  
 S.0° 1'E., bet. secs. 10 and 11.  
 Over mountainous land, thru scattering timber and under-  
 growth. Ascend 84 ft. on NW. slope.

- 4.70 Spur, slopes S.50° W. Descend 169 ft. on SE. slope.
- 10.60 Ravine, 10 lks. wide, course W. Ascend 181 ft. on N. slope.
- 17.00 Ridge, brs. N. 60° E. and S.60° W. Descend 588 ft. on S. slope.
- 26.50 Rocky ravine, 10 lks. wide, 15 ft. deep, course S.40° W. As- cend 20 ft.
- 33.00 Spur, slopes W. Descend over SW. slope.
- 34.80 West portal of mine tunnel, brs. E. 20 lks. dist.
- 37.80 Pack trail, brs. N.50° W. and S.50° E.
- 38.70 Ravine, 10 lks. wide, in canyon, course S.60° W. Ascend 26 ft. on NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/2 sec. cor., marked on brass cap,

S10	S11
1916	

from which,

- An oak, 7 ins. in diam., brs. S.25 1/2° E., 69 lks. dist., marked 1/2 S 11 BT.
- An oak, 8 ins. in diam., brs. S.32° W., 94 lks. dist., marked 1/2 S 10 B T.
- 41.00 Spur, slopes S.50° W. Descend 455 ft.
- 57.80 Ravine, 20 lks. wide, course S.40° W. Ascend 8 ft. on NW. slope.
- 59.00 Spur, slopes S. 30° W. Descend 115 ft. on SE. slope.
- 66.30 Ravine, 10 lks. wide, course S.60° W. Ascend 46 ft. on NW. slope.
- 69.00 Spur, slopes S.60° W. Descend 94 ft. on SE. slope.
- 77.70 Ravine, 10 lks. wide, course W. Ascend 62 ft. on NW. slope.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap,

T24S	R20E
S10	S11
S15	S14
1916	

from which,

- An oak, 8 ins. in diam., brs. N.45° E., 29 lks. dist., marked T24 S R20E S11 BT.
- An oak, 10 ins. in diam., brs. S.19 1/2° E., 50 lks. dist., marked T24S R20E S14 B T.
- An oak, 24 ins. in diam., brs. S.24° W., 99 lks. dist., marked T 24 S R20E S 15 B T.
- An oak, 12 ins. in diam., brs. N.13 1/2° W., 58 lks. dist., marked T24S R20E S10 BT.

Subdivision of frac1. Township 24 South, Range 20 East. 25

Chains.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering oak, juniper and pinon.  
 Undergrowth, scattering scrub oak and mountain mahogany.  
 Good grass.

- N.89° 56' E., on a random line, bet. secs.11 and 14.
- 40.00 Set temp. sec.cor.
- 80.00 Intersect N. and S. line, 40 lks.N. of the cor.of secs. 11,12, 13 and 14.
- Thence,
- N.89° 47' W., on a true line, bet.secs.11 and 14.
- Over mountainous land, thru.scattering timber and undergrowth. Descend 74 ft. on SW.slope.
- 6.30 Ravine, 10 lks.wide, course S.10°E. Ascend 8 ft.
- 7.50 Road, brs.N.10°W. and S.10°E.on top of spur,sloping S.10° E. Descend 20 ft. on SW.slope.
- 11.80 Dry creek bed in Montezuma Canyon, 25 lks.wide, course S. 10°E. Ascend 130 ft.
- 21.00 Spur, slopes SE. Descend 65 ft. over SW. slope.
- 26.70 Ravine, 15 lks.wide, course S.40° E. Ascend 713 ft.on NE.slope.
- 40.00 Set an iron post, 3 ft.long, 1 in.in diam., 26 ins. in the ground, for sec.cor., marked on brass cap,

S 11  
 S 14  
 1916

from which,

- An oak, 12 ins. in diam., brs.N.54½°E., 53 lks. dist., marked S 11 B T.
- An oak, 10 ins. in diam., brs.S. 38°E., 26 lks. dist., marked S 14 B T.

- 52.70 Rocky ridge, brs.N. and S. Descend 321 ft. over SW.slope.
- 63.40 Ravine, 15 lks.wide, course S.10° W. Ascend 35 ft.
- 67.00 Spur, slopes S.30°W. Descend 344 ft. on W. slope.
- 76.00 Ravine, 8 lks.wide, course N.60° W. Ascend 25 ft. over NE slope, to
- 80.00 The cor.of secs.10,11,14 and 15.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering oak, juniper and pinon.  
 Undergrowth, scattering scrub oak.  
 Good grass.

- S.0° 1' E., bet. secs. 14 and 15.
- Over mountainous land, thru, scattering timber and undergrowth. Ascend 151 ft. on NW. slope.
- 6.00 Spur, slopes S.60° W. Descend 247 ft. over SE.slope.
- 12.45 Ravine, 20 lks.wide, course S.70° W. Ascend 231 ft. over cliffs on NW. slope.
- 22.00 Spur, slopes W. Descend 23 ft. on S.slope.
- 25.10 Ravine, 10 lks.wide, course N.70°W. Ascend 36 ft.
- 27.40 Spur, slopes W. Descend 182 ft. on S.slope.
- 36.80 Ravine, 10 lks.wide, course W. Ascend 57 ft. on N.slope.
- 38.50 Spur, slopes S.60°W. Descend 307 ft. on SE.slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for sec.cor., marked on brass cap,

S 15 | S 14  
 1916

from which,

- An oak, 8 ins. in diam., brs.N.58° E., 20 lks. dist., marked S 14 B T.

26. Subdivision of fracl. Township 24 South, Range 20 East.

Chains.

- An oak, 6 ins. in diam., brs. N.60 $\frac{1}{2}$ °W., 56 lks. dist., marked  $\frac{1}{4}$  S 15 B T.
- 55.40 Ravine, 20 lks.wide, in canyon, course S.70°W. Ascend 13 ft. on NW. slope.
- 56.50 Spur, slopes S.40° W. Descend 39 ft. on SE. slope.
- 59.30 Ravine, 15 lks.wide, course S.50°W. Ascend 10 ft. on NW. slope.
- 64.00 Spur, slopes S.50°W. Descend 192 ft. on SE. slope.
- 79.80 Wash, 20 lks.wide, course S.70° W. Ascend to
- 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.14 and 15, and fracl.secs. 22 and 23, marked on brass cap,

T24S	R20E
S15	S14
S22	S23
1916	

from which,

- An oak, 16 ins. in diam., brs.N.20 $\frac{1}{2}$ °E., 61 lks. dist., marked T24S R20E S14 B T.
- An oak, 14 ins.in diam., brs.S.64 $\frac{1}{2}$ °E., 75 lks. dist., marked T24S R20E S23 B T.
- An oak, 12 ins. in diam., brs.S.74°W., 33 lks. dist., marked T 24S R20E S22 B T.
- An oak, 14 ins. in diam., brs.N.79 $\frac{1}{2}$ °W., 43 lks. dist., marked T24 S R20E S15 B T.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering oak, juniper and pinon.  
 Undergrowth, scattering scrub oak and mountain mahogany.  
 Good grass.

- S.89°47'E., on a random line, bet. sec.14 and fracl.sec. 23.
- 40.00 Set temp. sec.cor.
- 79.76 Intersect N. and S. line, 10 lks.S.of the cor.of secs.13 and 14, and fracl.secs. 23 and 24.
- Thence,  
 N.89° 51'W., on a true line, bet.sec.14 and fracl.sec. 23.
- Over mountainous land, thru.scattering timber and undergrowth.  
 Ascend 128 ft. on E. slope.
- 7.50 Spur, slopes S. Descend 20 ft. on W.slope.
- 13.15 Rocky ravine, 16 lks.wide, course S. Ascend 517 ft. on E. slope.
- 34.75 Ridge, brs.N. and S. Descend 253 ft. over W.slope.
- 39.88 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

$\frac{1}{4}$ S 14
S 23
1916

from which,

- An oak, 13 ins. in diam., brs.N.20°W., 25 lks. dist., marked  $\frac{1}{4}$  S 14 B T.
- An oak, 14 ins. in diam., brs.S.62°W., 70 lks. dist., marked  $\frac{1}{4}$  S 23 B T.
- 45.96 Rocky ravine, 15 lks.wide, course S.40°W. Ascend 34 ft.
- 48.76 Rocky spur, slopes S.60°W. Descend 627 ft. over NW.slope.
- 79.76 The cor.of secs.14 and 15, and fracl.secs. 22 and 23.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering oak, juniper and pinon.  
 Undergrowth, scattering scrub oak and mountain mahogany.  
 Good grass.

Subdivision of fractional Township 27 South Range 20 East. 27

- Chains.
- S.0° 1'E., bet. fracl. secs. 22 and 23. Over mountainous land, thru dense timber and scattering undergrowth. Ascend 35 ft. on N. slope.
  - 2.00 Spur, slopes W. Descend 21 ft. on S. slope.
  - 2.90 Ravine, 6 lks. wide, course W. Ascend 21 ft. on S. slope.
  - 5.00 Spur, slopes W. Descend 31 ft. on S. slope.
  - 6.55 Ravine, 8 lks. wide, course W. Ascend 30 ft. on N. slope.
  - 14.00 Spur, slopes W. Descend 10 ft.
  - 16.60 Ravine, 10 lks. wide, course N. 60° W. Ascend 10 ft. on N. slope, to
  - 17.76 Intersect the International Boundary Line between the United States and Mexico, 39.48 chs. S. 89° 43' W. from Monument No. 102, hereinbefore described. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of fracl. secs. 22 and 23, marked on brass cap,

CC  
T24S | R20E  
S22 | S23  
MEXICO  
1916

from which,  
An oak, 8 ins. in diam., brs. N. 12½° E., 78 lks. dist., marked CC T24S R20E S23 BT.  
An oak, 12 ins. in diam., brs. N. 15° W., 52 lks. dist., marked CC T24S R20E S22 BT.

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, scattering oak and juniper.  
Undergrowth, scattering scrub oak.  
Good grass.

- 
- From the reestablished cor. of secs. 3 and 4, on N. bdy. of Tp., hereinbefore described, S.0° 2'E., bet. secs. 3 and 4. Over mountainous land, thru scattering timber and dense undergrowth. Ascend 50 ft. on NW. slope.
  - 2.60 Spur, slopes NW. Descend 34 ft. on SW. slope.
  - 4.85 Ravine, 8 lks. wide, course N. 60° W. Ascend 461 ft. on NE. slope.
  - 18.75 High rocky ridge, brs. N. 70° E. and N. 50° W. Descend 1401 ft. over S. slope.
  - 23.50 Top of perpendicular cliff, 125 ft. high, brs. S. 40° E., 2.00 chs. and N. 40° W., 6.00 chs. dist.
  - 34.50 Spur, slopes S. 30° W. Continue descent on SE. slope.
  - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for sec. cor., marked on brass cap,

S4 | S3  
1916

from which,  
An oak, 12 ins. in diam., brs. N. 31½° E., 93 lks. dist., marked S 3 B T.  
An oak, 10 ins. in diam., brs. S. 82½° W., 43 lks. dist., marked S 4 B T.

- 56.30 Ravine, 14 lks. wide, course S. 40° W. Ascend 90 ft. on NW. slope.
- 62.00 Spur, slopes S. 40° W. Descend 566 ft. on SE. slope.
- 72.15 Ravine, 20 lks. wide, 10 ft. deep, course S. 40° W. Continue descent over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 19, marked on brass cap,

Chains.

T24S	R20E
S 4	S 3
S 9	S 10

1916

from which,

- An oak, 12 ins. in diam., brs. N.33°E., 87 lks. dist., marked T24S R20E S3 B T.
- An oak, 10 ins. in diam., brs. S.42½°E., 34 lks. dist., marked T24S R20E S10 B T.
- An oak, 19 ins. in diam., brs. S.42°W., 101 lks. dist., marked T24 S R20E S9 B T.
- An oak, 12 ins. in diam., brs. N.70°W., 40 lks. dist., marked T24 S R20E S4 B T.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering oak, pinon, juniper, fir and spruce.  
 Undergrowth, dense scrub oak, locust and mountain ash.  
 Good grass.

- 40.00 S.89° 53' E., on a random line, bet. secs. 3 and 10. Set temp. ¼ sec. cor.
- 79.90 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 2, 3, 10 and 11.  
 Thence,  
 N.89° 58' W., on a true line, bet. secs. 3 and 10.  
 Over mountainous land, thru scattering timber and dense undergrowth. Descend 590 ft. over NW. slope.
- 18.30 Pack trail brs. N.30°E. and S.30°W.
- 21.00 Dry creek bed, 20 lks. wide, course S.30°W. in east fork of Copper Canyon. Ascend 100 ft. on SE. slope.
- 26.00 Spur, slopes S. Descend 173 ft. over W. slope.
- 32.50 Stream of running water, 6 lks. wide, 3 ins. deep, course S.10°E. in Copper Canyon. Ascend 537 ft. on NE. slope.
- 39.95 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

¼ S	3
S 10	
1916	

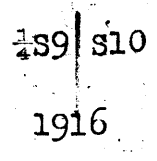
from which,

- A pine, 7 ins. in diam., brs. N.50½°E., 21 lks. dist., marked ¼ S 3 B T.
- An oak, 8 ins. in diam., brs. S.46½°W., 17 lks. dist., marked ¼ S 10 B T.
- 42.20 Spur, slopes S.40°E., thence on S. slope, ascending slightly.
- 54.50 Rocky peak on spur sloping S. Descend 460 ft. over cliff on W. slope.
- 70.30 Ravine, 15 lks. wide, course S.40°W. Ascend 40 ft. on SE. slope.
- 73.00 Spur, slopes S.40°W. Descend 120 ft. on NW. slope.
- 79.90 The cor. of secs. 3, 4, 9 and 10.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering oak, pinon and juniper.  
 Undergrowth, dense scrub oak, mountain mahogany and manzanita.  
 Good grass.

- 9.15 S.0°02' E., bet. secs. 9 and 10.  
 Over mountainous land, thru dense timber and undergrowth. Descend 107 ft. on SW. slope.  
 Ravine, 10 lks. wide, course S.40°W. Ascend 25 ft. on NW. slope.

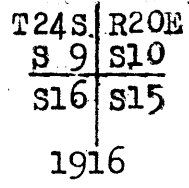
Subdivision of fract. Township 24 South Range 20 East 29

- Chains.
- 10.25 Wire fence brs. N.30°E., and S.40°W.
- 10.50 Spur, slopes S.20°W. Descend 181 ft. on SE.slope.
- 25.10 Ravine, 10 lks.wide, course S.30°W. Ascend 10 ft. on NW.slope.
- 33.00 Spur, slopes S.40°W. Descend 44 ft. on SE.slope.
- 34.60 Wash, 20 lks.wide, course S.40°W. from Copper Canyon. Leave mountainous and enter rolling land. Ascend 19 ft. on NW.slope.
- 35.80 Wire fence brs. 40°W. and S.40°E.
- 37.35 Pack trail from the "80 Ranch" in sec.10 to James A. South-erland's house in sec.5, brs. N.60°W. and S.60°E.
- 39.00 Top of ascent, brs. NE. and SW. Descend gradual S.slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,



from which,

- An oak, 12 ins. in diam., brs. S.68 $\frac{1}{2}$ °E., 74 lks. dist., marked  $\frac{1}{4}$  S 10 B T.
- An oak, 8 ins. in diam., brs. S.75 $\frac{1}{2}$ °W., 50 lks. dist., marked  $\frac{1}{4}$  S 9 B T.
- 44.00 An unoccupied adobe house on the "80 Ranch" brs. east 14.00 chs. dist.
- 50.00 Road brs. E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked on brass cap,



from which,

- An oak, 12 ins. in diam., brs. N.70°E., 49 lks. dist., marked T24S R20E S10 BT.
- An oak, 10 ins. in diam., brs. S.65 $\frac{1}{2}$ °E., 49 lks. dist., marked T24S R20E S15 B T.
- An oak, 16 ins. in diam., brs. S.37°W., 46 lks. dist., marked T24S R20E S16 BT.
- An oak, 14 ins. in diam., brs. N.30 $\frac{1}{2}$ °W., 116 lks. dist., marked T24S R20E S9 BT.

Land, mountainous and rolling.  
 Soil, gravelly and rocky, 3rd and 4th rate.  
 Timber, dense oak and juniper.  
 Undergrowth, dense scrub oak.  
 Good grass.

- S.89° 58' E., on a random line, bet. secs. 10 and 15.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.06 Intersect N. and S. line, 10 lks. N. of the cor. of secs. 10, 11, 14 and 15.
- Thence,  
 N.89° 54' W., on a true line, bet. secs. 10 and 15.  
 Over mountainous land, thru dense timber and undergrowth. Descend 182 ft. on NW.slope.
- 12.10 Ravine, 12 lks.wide, course S.40°W. Ascend 25 ft. on SE.slope.
- 14.05 Spur, slopes SW. Descend 69 ft.
- 24.00 Ravine, 10 lks.wide, course S.30°W. Ascend 15 ft. on SE.slope.
- 27.36 Spur, slopes S.30°W. Descend 23 ft. on NW.slope.
- 32.50 Wash, 20 lks.wide, course S. Ascend 23 ft.
- 34.00 Top of ascent, brs. N. and S.; leave mountainous, and enter rolling land. Descend gradual SW.slope.
- 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

30. Subdivision of fracl. Township 24 South, Range 20 East.

Chains.

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

$\frac{1}{4}$ S 10  
S 15  
1916

from which,

An oak, 12 ins. in diam., brs. N. 55° W., 63 lks. dist., marked  $\frac{1}{4}$  S 10 B T.

An oak, 12 ins. in diam., brs. S. 31° W., 67 lks. dist., marked  $\frac{1}{4}$  S 15 B T.

56.46 Road, brs. N. and S.

63.00 Wash, 10 lks. wide, 3 ft. deep, course S. 10° W. Ascend gradually.

80.06 The cor. of secs. 9, 10, 15 and 16.

Land, mountainous and rolling.  
Soil, gravelly and rocky, 3rd and 4th rate.  
Timber, dense oak and juniper.  
Undergrowth, dense scrub oak.  
Good grass.

S. 0° 2' E., bet. secs. 15 and 16.

Over rolling land, thru dense timber and undergrowth. Descend 52 ft. on S. slope.

27.10 Wash, 15 lks. wide, course S. 50° W. Ascend 15 ft.

28.00 Low gravelly spur, slopes SW. Descend gradually, over SE. slope.

33.40 Wash, 8 lks. wide, 5 ft. deep, course S. 30° W. Ascend 6 ft.

35.00 Low gravelly spur, slopes S. 40° W. Descend about 6 ft. over gradual S. slope.

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

$\frac{1}{4}$ S 16 S 15  
1916

from which,

An oak, 14 ins. in diam., brs. N. 61 $\frac{1}{2}$ ° W., 16 lks. dist., marked  $\frac{1}{4}$  S 16 B T.

An oak, 24 ins. in diam., brs. S. 71° 45' E., 88 lks. dist., marked  $\frac{1}{4}$  S 15 B T.

51.90 Ravine, 15 lks. wide, 4 ft. deep, course S. 40° W.

53.30 Same ravine, 15 lks. wide, course S. 20° E.

57.40 Same ravine, 15 lks. wide, course S. 40° W. Ascend 6 ft.

60.00 Low gravelly spur, slopes SW. Descend gradually.

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

T24S R20E  
S16 S15  
S21 S22  
1916

from which,

An oak, 6 ins. in diam., brs. N. 69 $\frac{1}{2}$ ° E., 95 lks. dist., marked T24S R20E S15 B T.

An oak, 14 ins. in diam., brs. S. 12 $\frac{3}{4}$ ° E., 92 lks. dist., marked T24S R20E S22 B T.

An oak, 12 ins. in diam., brs. S. 75° W., 54 lks. dist., marked T24S R20E S21 B T.

An oak, 14 ins. in diam., brs. N. 29 $\frac{1}{2}$ ° W., 57 lks. dist., marked T24S R20E S16 B T.

Land, rolling, slopes to the southwest.  
Soil, sandy and gravelly clay loam, about 10 ins. deep.  
Timber, dense oak and juniper.  
Undergrowth, dense scrub oak. Good grass.



Subdivision of fracl. Township 24 South, Range 20 East. 31

- Chains.
- S. 89° 54' E., on a random line, bet. sec. 15 and fracl. sec. 22.
  - 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
  - 80.22 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 14 and 15, and fracl. secs. 22 and 23.
  - Thence,
  - N. 89° 48' W., on a true line, bet. sec. 15, and fracl. sec. 22.
  - Over rolling land, thru dense timber and undergrowth.
  - .12 Wash, 20 lks. wide, course S. 40° W. Ascend 12 ft.
  - 2.90 Low spur, slopes SW. Descend 15 ft.
  - 4.22 Ravine, 15 lks. wide, course S. 40° W. Ascend 10 ft. on SE slope.
  - 6.20 Low spur, slopes SW. Descend 14 ft. on NW. slope.
  - 9.80 Ravine, 10 lks. wide, course S. 30° W. Ascend 15 ft.
  - 12.25 Low spur, slopes SW. Descend 15 ft. on NW. slope.
  - 21.42 Ravine, 14 lks. wide, course S. 20° W. Ascend 16 ft. on SE. slope.
  - 23.20 Low spur, slopes S. 20° W. Descend 15 ft. on NW. slope.
  - 26.52 Wash, 30 lks. wide, course S. Ascend 18 ft.
  - 28.25 Low spur, slopes S. 10° W. Descend 8 ft.
  - 31.20 Ravine, 10 lks. wide, course S. 10° W. Ascend 7 ft.
  - 35.25 Low spur, slopes S. 10° W. Descend 6 ft.
  - 38.22 Road to the "80 ranch" brs. N. and S.
  - 40.11 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 15  
S 22  
1916

from which,

- An oak, 10 ins. in diam., brs. N. 1 $\frac{1}{2}$ ° E., 88 lks. dist., marked S 15 B T.
- An oak, 20 ins. in diam., brs. S. 30 $\frac{1}{2}$ ° W., 68 lks. dist., marked S 22 B T.

- 54.13 Ravine, 10 lks. wide, course S. 60° W. Ascend 6 ft.
- 60.20 Low spur, slopes SW. Descend 6 ft.
- 62.82 Ravine, 15 lks. wide, course S. 20° W. Ascend 8 ft.
- 72.20 Low spur, slopes S. 20° W. Descend 6 ft.
- 76.30 Ravine, 12 lks. wide, course S. 40° W. Ascend 4 ft. to
- 80.22 The cor. of secs. 15 and 16, and fracl. secs. 21 and 22.

Land, rolling.  
Soil, gravelly clay loam, about 8 ins. deep, 3rd and 4th rate.  
Timber, dense oak.  
Undergrowth, dense scrub oak.  
Good grass.

- S. 0° 2' E., bet. fracl. secs. 21 and 22.  
Over rolling land, thru scattering timber.
- 3.75 Ravine, 15 lks. wide, course S. 40° W. Ascend 4 ft.
  - 5.00 Low spur, slopes SW. Descend gently over SE. slope.
  - 18.41 Intersect the International Boundary Line bet. the United States and Mexico, 119.68 chs. S. 89° 43' W. from Monument No. 102, hereinbefore described.
- At the point of intersection,  
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fracl. secs. 21 and 22, marked on brass cap,

CC  
T24S | R20E  
S21 | S22  
MEXICO  
1916

from which,

- An oak, 12 ins. in diam., brs. N. 76 $\frac{1}{2}$ ° E., 106 lks. dist., marked CC T24S R20E S22 BT.

32. Subdivision of frac1. Township 24 South, Range 20 East.

Chains.

An oak 14 ins. in diam., brs. N.  $76\frac{1}{2}^{\circ}$  W., 58 lks. dist., marked CC T24S R20E S21 BT.  
 Land, rolling valley, slopes to the SW.  
 Soil, sandy and gravelly clay loam, about 8 ins. deep, 3rd and 4th rate.  
 Timber, dense oak.  
 Undergrowth, dense scrub oak.  
 Good grass.

From the reestablished cor. of secs. 4 and 5 on N. bdy. of Tp., hereinbefore described,  
 S.  $0^{\circ}$  2' E., bet. secs. 4 and 5.  
 Over mountainous land, thru dense timber and scattering undergrowth.

- 3.80 Spur, slopes N.  $80^{\circ}$  W. Descend 478 ft. on SW. slope.
- 37.60 Ravine, 10 lks. wide, course S.  $70^{\circ}$  W. Ascend 28 ft. on NW. slope.
- 39.00 Spur, slopes S.  $60^{\circ}$  W. Descend 52 ft.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$ S5 S4

1916

from which,

- An oak, 10 ins. in diam., brs. N.  $27\frac{3}{4}^{\circ}$  E., 25 lks. dist., marked  $\frac{1}{4}$  S 4 B T.
- An oak, 12 ins. in diam., brs. N.  $74\frac{3}{4}^{\circ}$  W., 65 lks. dist., marked  $\frac{1}{4}$  S 5 B T.
- 41.85 Ravine, 15 lks. wide, course S.  $70^{\circ}$  W. Ascend 45 ft. on NW. slope.
- 44.00 Spur, slopes S.  $70^{\circ}$  W. Descend 159 ft. on SE. slope.
- 53.70 Ravine, 10 lks. wide, course S.  $60^{\circ}$  W. Ascend 5 ft. on NW. slope.
- 55.00 Spur, slopes S.  $50^{\circ}$  W. Descend 60 ft. on SE. slope.
- 61.40 Pack Trail from the "80 Ranch" in sec. 10, to James A. South-erland's house in sec. 5, brs. E. and W.
- 62.20 Ravine, 15 lks. wide, course S.  $60^{\circ}$  W. Ascend 18 ft. on NW. slope.
- 67.00 Spur, slopes S.  $50^{\circ}$  W. Descend 43 ft. on SE. slope.
- 72.70 Ravine, 10 lks. wide, course S.  $50^{\circ}$  W. Ascend 13 ft. on NW. slope.
- 74.00 Spur, slopes S.  $50^{\circ}$  W. Descend 24 ft. on SE. slope.
- 79.70 Ravine, 14 lks. wide, course S.  $70^{\circ}$  W. Ascend 6 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of sdes. 4, 5, 8 and 9, marked on brass cap,

T24S	R20E
S 5	S 4
S 8	S 9

1916

from which,

- An oak, 8 ins. in diam., brs. N.  $55\frac{1}{2}^{\circ}$  E., 66 lks. dist., marked T24S R20E S4 B T.
- An oak, 12 ins. in diam., brs. S.  $84\frac{1}{4}^{\circ}$  E., 32 lks. dist., marked T24S R20E S9 BT.
- An oak, 10 ins. in diam., brs. S.  $20\frac{1}{2}^{\circ}$  W. 34 lks. dist., marked T24S R20E S8 BT.
- An oak, 10 ins. in diam., brs. N.  $56\frac{1}{4}^{\circ}$  W., 50 lks. dist., marked T24S R20E S5 BT.

Land, mountainous.  
 Soil, 3rd and 4th rate.  
 Timber, dense oak.  
 Undergrowth, scattering scrub oak.  
 Good grass.

Subdivision of fracl. Township 24. South, Range 20 East. 33

Chains.

- N.89° 57' E., on a random line, bet. secs.4 and 9.
- 40.00 Set temp<sup>t</sup>,  $\frac{1}{4}$  sec.cor.
- 79.70 Intersect N. and S. line, 16 lks. N.of the cor. of secs.3, 4, 9 and 10.
- N.89°56'W., on a true line, bet. secs.4 and 9.
- Over mountainous land, thru.dense timber and scattering undergrowth.
- 3.30 Ravine, 20 lks.wide, course S.30°W. Ascend 46 ft.on SE. slope.
- 4.00 Spur,slopes S.10°E. Descend 63 ft. on SW.slope.
- 11.90 Ravine, 14 lks.wide, course S.10°E. Ascend 87 ft. on NE. slope.
- 15.50 Spur,slopes S.10°W. Descend 84 ft. on NW.slope.
- 24.15 Ravine, 10 lks.wide, course S.20°W. Ascend 18 ft. on SE. slope.
- 26.00 Spur,slopes S.20°E. Descend 65 ft. on SW.slope.
- 39.10 Ravine, 10 lks.wide, course S.10° W. Ascend 6 ft.
- 39.60 Spur,slopes S.10°E. Descend 69 ft. on SW.slope.
- 39.85 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

$\frac{1}{4}$ S 4  
S 9  
1916

from which,

- An oak, 6 ins. in diam., brs.N. 32 $\frac{1}{2}$ °E., 61 lks. dist., marked  $\frac{1}{4}$  S 4 BT.
- An oak, 10 ins. in diam., brs.S.60°W. 50 lks. dist., marked  $\frac{1}{4}$  S 9 BT.
- 51.60 Ravine, 14 lks.wide, course S.10° W. Ascend 16 ft. on SE.slope.
- 53.00 Spur,slopes S.10°E. Descend 47 ft. on SW.slope.
- 55.10 Pack trail from the "80 Ranch" in sec.10 to James A. South-erland's house in sec.5, brs.N.30°W. and S.30°E.
- 62.10 Ravine, 10 lks.wide, course S.10°W. Ascend 27 ft. on SE. slope.
- 68.00 Spur, slopes SW. Descend 62 ft. to
- 79.70 The cor.of secs.4,5, 8 and 9.
- Land, mountainous.
- Soil,rocky, 3rd rate.
- Timber, dense oak.
- Undergrowth, scattering scrub oak.
- Good grass.

S.0°2'E., bet. secs. 8 and 9.  
Over rolling land, thru.dense timber and scattering under-  
growth. Ascend 15 ft. on NW.slope.

- 3.00 Spur,slopes SW. Descend 77 ft. over SE.slope;
- 11.00 Ravine, 8 lks.wide, course S.50°W. Ascend 23 ft. on NW. slope.
- 21.00 Spur, slopes SW. Descend 52 ft. on SE.slope.
- 34.90 Ravine, 10 lks.wide, course S.40° W. Ascend 34 ft.on NW. slope.
- 36.00 Spur, slopes SW. Descend 46 ft. on SE.slope.
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor.,marked on brass cap,

$\frac{1}{4}$ S 8 | S 9  
1916

from which,

- An oak,10 ins. in diam., brs.S.29 $\frac{1}{4}$ °E., 93 lks. dist., marked  $\frac{1}{4}$ S 9 BT.
- An oak,12 ins.in diam., brs.S.12 $\frac{1}{4}$ °W., 16 lks. dist., marked  $\frac{1}{4}$ S 8 BT.
- 48.35 Wash, 20 lks.wide, course S.10°W. Ascend 12 ft.
- 52.50 Top of ascent, brs.NE. and SW.; leave mountainous and enter rolling land.

34. Subdivision of fract. Township 24 South Range 20 East.

Chains

79.80 Wash, 20 lks.wide, course S.30°W. Ascend 14 ft.  
80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.8,9,16 and 17, marked on brass cap,

T24S | R20E  
S 8 | S9  
S17 | S16  
1916

from which,

- An oak, 14 ins. in diam., brs.N.2 $\frac{1}{2}$ °E., 52 lks. dist., marked T24S R20E S9 BT.
- An oak, 12 ins.in diam., brs.S.56 $\frac{1}{2}$ °E., 83 lks. dist., marked T24S R20E S16 BT.
- An oak, 20 ins.in diam., brs. S.50 $\frac{1}{2}$ °W., 39 lks. dist., marked T24S R20E S17 BT.
- An oak, 8 ins.in diam., brs. N.82 $\frac{1}{2}$ °W., 110 lks./dist., marked,T24S R20E S8 BT.

Land, mountainous and rolling.  
Soil, gravelly and rocky, 3rd and 4th rate.  
Timber, dense oak.  
Undergrowth, scattering scrub oak.  
Good grass.

40.00 S.89° 56' E., on a random line, bet. secs. 9 and 16.  
Set temp. sec.cor.  
79.76 Intersect N. and S. line, 3 lks.S.of the cor. of secs.9, 10,15 and 16.

Thence,  
N.89°57'W., on a true line, bet. secs. 9 and 16.  
Over rolling land, thru.dense timber and scattering undergrowth. Descend gradual W.slope.

27.50 Ravine, 15 lks.wide, banks, 15 ft. high, course S.20°W.  
36.50 Road, brs.N.20°E. and S.20°W.  
37.00 Spur,slopes SW. Descend 21 ft. on NW.slope.  
39.88 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

S 9  
S 16  
1916

from which,

- An oak, 10 ins.in diam., brs.N. 3°W., 51 lks. dist., marked S 9 B T.
- An oak, 10 ins. in diam., brs.S.57 $\frac{1}{4}$ °W., 143 lks. dist., marked S 16 B T.

44.65 Wash, 10 lks.wide, course S.40° W. Ascend 42 ft.  
57.00 Gravelly spur, slopes SW. Descend 45 ft. on NW.slope.  
68.10 Wash, 20 lks.wide, course S.10° W. Ascend 13 ft.  
70.00 Gravelly spur, slopes SW. Descend 26 ft.to  
79.76 The cor.of secs.8,9,16 and 17.

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

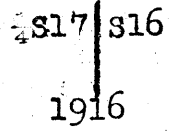
S.0° 2' E., bet. secs. 16 and 17.  
Over rolling land, thru.dense timber, and scattering undergrowth. Descend gradually.

1.80 Wash, 20 lks.wide, course S.40°E.  
3.30 Same wash, 20 lks.wide, course S.40° W. Ascend 15 ft.  
9.40 Gravelly spur, slopes SW. Descend 32 ft.  
17.00 Wash, 30 lks.wide, course S.40°W. Ascend 49 ft.  
23.50 Gravelly spur,slopes SW.; descend 43 ft.

Subdivision of fractl. Township 24 South, Range 20 East, 35

Chains.  
40.00

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



from which,

An oak, 12 ins. in diam., brs. N.  $77\frac{1}{2}^{\circ}$  W., 15 lks. dist., marked  $\frac{1}{4}$  S 17 B T.

An oak, 8 ins. in diam., brs. S.  $89^{\circ}$  E., 41 lks. dist. marked  $\frac{1}{4}$  S 16 B T.

40.75 Wash, 20 lks. wide, course S.  $40^{\circ}$  W. Ascend 10 ft.

55.00 Gravelly spur, slopes SW. Descend 15 ft.

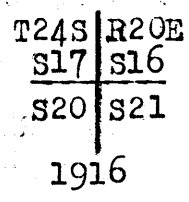
55.10 Road to the "80 Ranch" brs. N.  $40^{\circ}$  E. and S.  $40^{\circ}$  W.

67.10 Enter draw, course S. from N.  $20^{\circ}$  E. Thence down draw.

72.50 Leave draw, course S.  $20^{\circ}$  W. from N. Ascend 5 ft. over NW. slope.

76.00 Low spur, slopes SW. Descend over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 16 and 17, and fractl. secs. 20. and 21, marked on brass cap,



from which,

An oak, 6 ins. in diam., brs. N.  $74^{\circ}$  E., 181 lks. dist., marked T24S, R20E S16 B T.

An oak, 6 ins. in diam., brs. S.  $45\frac{1}{2}^{\circ}$  E., 263 lks. dist., marked T24S R20E S21 B T.

An oak, 8 ins. in diam., brs. S.  $4\frac{1}{2}^{\circ}$  W., 263 lks. dist., marked T24S R20E S20 B T.

An oak, 12 ins. in diam., brs. N.  $54\frac{3}{4}^{\circ}$  W., 171 lks. dist., marked T24S R20E S17 B T.

Soil, rocky clay loam, about 8 ins. deep, 3rd rate.

Timber, dense oak. Land, rolling.

Undergrowth, scattering scrub oak.

Good grass.

S.  $89^{\circ}57'$  E., on a random line, bet. sec. 16 and fractl. sec. 21.

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

80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15 and 16, and fractl. secs. 21 and 22.

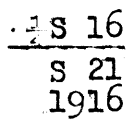
Thence, N.  $89^{\circ}56'$  W., on a true line, bet. sec. 16 and fractl. sec. 21/

Over rolling land, thru. dense timber and scattering undergrowth. Descend gradually over SW. slope.

13.75 Ravine, 15 lks. wide, 6 ft. deep, course S.  $10^{\circ}$  W.

32.35 Old well, brs. N.  $20^{\circ}$  lks. dist.

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



from which,

An oak, 8 ins. in diam., brs. N.  $81\frac{1}{2}^{\circ}$  W., 100 lks. dist., marked  $\frac{1}{4}$  S 16 B T.

An oak, 12 ins. in diam., brs. S.  $50\frac{1}{2}^{\circ}$  W., 84 lks. dist., marked  $\frac{1}{4}$  S 21 B T.

44.55 Wash, 25 lks. wide, course S.  $40^{\circ}$  W. Ascend 35 ft.

53.05 Gravelly spur, slopes S.  $10^{\circ}$  E. Descend 22 ft.

60.20 Wash, 20 lks. wide, course S. Ascend 20 ft.

36. Subdivision of fractl. Township 24 South, Range 20 East.

Chains.

- 62.05 Gravelly spur, slopes S. Descend 17 ft.
- 78.05 Wash, 15 lks wide, course S.40° W. Ascend 15 ft. on E. slope, to
- 80.04 The cor. of secs. 16, and 17, and fractl. secs. 20 and 21. Land, rolling, slopes to the SW. Soil, rocky and gravelly clay loam, about 8 ins. deep, 3rd rate. Timber, dense oak. Undergrowth, scattering scrub oak. Good grass.

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S.0° 2' E. bet. fractl. secs. 20 and 21. Over rolling land, thru. dense timber and scattering undergrowth. Descend gradually on SE. slope.

- 5.50 Ravine, 15 lks. wide, 10 ft. deep, course S. 30° W. Ascend gradually on NW. slope.
- 18.90 Intersect the International Boundary Line between the United States and Mexico, 54.38 chs. N.89°43'E. from Monument No. 103, hereinbefore described. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fractl. secs. 20 and 21, marked on brass cap,



1916

from which,

An oak, 8 ins. in diam., brs. N.84 $\frac{3}{4}$ ° E., 233 lks. dist., marked CC T24S R20E S21 BT.

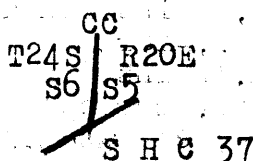
An oak, 8 ins. in diam., brs. N.21 $\frac{1}{2}$ ° W., 202 lks. dist., marked CC T24S R20E S20 BT.

Land, rolling, slopes to the SW. Soil, sandy and gravelly clay loam, about 8 ins. deep, 3rd rate. Timber, dense oak. Undergrowth, scattering scrub oak. Good grass.

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From the reestablished cor. of secs. 5 and 6, on N. bdy. of Tp., hereinbefore described,

- S.0° 3' E., bet. secs. 5 and 6. Over mountainous land, thru. dense timber and scattering undergrowth. Descend 193 ft. on SW. slope.
- 9.50 Wire fence brs. N.40° E. and S.40° W.
- 19.25 Ravine, 15 lks. wide, course S.30° W. Leave mountainous and enter rolling land. Ascend 3 ft. on NW. slope.
- 22.00 Spur, slopes SW. Descend 35 ft. on SE. slope.
- 29.50 Ravine, 15 lks. wide, course S.50° W. Ascend 28 ft. on NW. slope.
- 33.04 Intersect line 5-6 of boundary of the Small Holding claim of James A. Southerland, Survey No. 37 at a point from which cor. No. 5 brs. N.50° E., 19.60 chs. dist. Wire fence same bearing on N. side of said boundary. At point of intersection, Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for closing cor. of secs. 5 and 6, marked on brass cap,



1916

Subdivision of fracl. Township 24 South, Range 20 East. 37

chains.

from which,

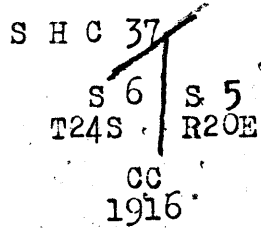
An oak, 12 ins. in diam., brs. N.27°E., 84 lks. dist., marked CC T24S R20E S5 B T.

An oak, 8 ins. in diam., brs. N.45½° W., 111 lks. dist., marked C C T24S R20E S6 BT.

Thence, continue measurement on blank line across said claim.

59.07 Intersect Line 7-8 of Boundary of said claim, at a point from which cor. No. 7 brs. S.50° W., 3.67 chs. dist.

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for closing cor. of secs. 5 and 6, marked on brass cap,



from which,

An oak, 12 ins. in diam., brs. S.51½°E., 82 lks. dist., marked C C T24S R20E S5 B T.

An oak, 12 ins. in diam., brs. S.16½°W., 96 lks. dist., marked CC T24S R20E S6 B T.

Leave S. H. claim.

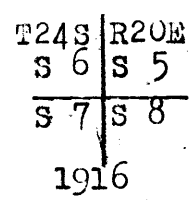
63.05 Wire fence brs. N.70° W. and S.70°E.

63.50 Wash, 15 lks. wide, 3 ft. deep, course S.50° W. Ascend gradual NW. slope.

75.00 Low gravelly spur slopes SW. Descend gradually.

76.80 Road to the Southerland Ranch, brs. E. and W. from SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,



from which,

An oak, 22 ins. in diam., brs. N.50½°E., 136 lks. dist., marked T24S R20E S 5 BT.

An oak, 14 ins. in diam., brs. S.77°E., 117 lks. dist., marked T24S R20E S8 BT.

An oak, 16 ins. in diam., brs. S.15°W., 96 lks. dist., marked T24S R20E S7 BT.

An oak, 12 ins. in diam., brs. N.44½°W., 122 lks. dist., marked T24 S R20E S6 B T.

Land, mountainous and rolling.

Soil, rocky, clay loam, about 8 ins. deep, 3rd rate.

Timber, dense oak.

Undergrowth, scattering scrub oak.

Good grass.

N.89° 57' E., on a random line, bet. secs. 5 and 8.

40.00 Set temp. sec. cor.

80.00 Intersect N. and S. line, 10 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence,

N.89°59'W., on a true line, bet. secs. 5 and 8.

Over rolling land, thru dense timber and scattering undergrowth. Descend 15 ft. on NW. slope.

.90 Ravine, 10 lks. wide, course S.40°W. Ascend 16 ft. on SE. slope.

4.00 Spur, slopes SW. Descend 27 ft. on NW. slope.

5.70 Ravine, 10 lks. wide, course S.40° W. Ascend 12 ft. on SE. slope.

## 38. Subdivision of fractl. Township 24 South, Range 20 East.

- Chains.  
 10.00 Spur, slopes SW. Descend 47 ft. on NW.slope.  
 20.45 Ravine, 15 lks.wide, course S.30°W. Ascend 28 ft. on SE.  
 slope.  
 25.00 Spur, slopes SW. Descend 10 ft. on NW.slope.  
 29.60 Ravine, 10 lks.wide, course S.40°W. Ascend 11 ft. on SE.  
 slope.  
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

$\frac{1}{4}$ S 5  
 S 8  
 1916

from which,

- An oak, 10 ins. in diam., brs.N.6 $\frac{3}{4}$ °E., 34 lks.  
 dist., marked  $\frac{1}{4}$  S 5 B T.  
 An oak, 8 ins. in diam., brs.S.21°W., 35 lks.  
 dist., marked  $\frac{1}{4}$  S 8 B T.  
 41.90 Road to the Southerland Ranch, brs.N. and S. 10° W.  
 43.00 Spur, slopes SW. Descend 39 ft.  
 47.75 Wash, 15 lks.wide, course S.10° W. Ascend 18 ft. on SE.  
 slope.  
 65.00 Spur, slopes S. Descend 20 ft. on W.slope.  
 71.00 Wash, 15 lks.wide, course S.10°W. Ascend 10 ft. on SE.  
 slope.  
 73.00 Spur, slopes S.10° W. Descend 8 ft. on NW.slope, to  
 80.00 The cor.of secs. 5, 6, 7 and 8.  
 Land, rolling.  
 Soil, gravelly and rocky, 2nd and 3rd rate.  
 Timber, dense oak.  
 Undergrowth, scattering scrub oak.  
 Good grass.

- N.89°55'W., on a random line, bet. secs. 6 and 7.  
 40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 78.14 Intersect W. bdy. of Tp., 5 lks. N.of the cor. of secs.  
 1, 6, 7 and 12, hereinbefore described.  
 Thence,  
 S.89° 57' E., on a true line, bet. secs. 6 and 7.  
 Over rolling land, thru. dense timber and scattering  
 undergrowth. Ascend 38 ft. on SW.slope.  
 7.15 Gravelly spur, slopes SW. Descend 50 ft.  
 12.25 Wash, from Cave Creek Canyon, 40 lks.wide, course S.10°  
 W. Ascend 30 ft.  
 16.15 Gravelly spur, slopes S. 40°W. Descend 40 ft.  
 19.10 Wash, 15 lks.wide, course S.10° W. Ascend 40 ft.  
 26.15 Gravelly spur, slopes S.10°W. Descend 12 ft.  
 36.80 Ravine, 10 lks.wide, course S.40°W. Ascend 27 ft.  
 38.14 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

$\frac{1}{4}$ S 6  
 S 7  
 1916

from which,

- An oak, 20 ins. in diam., brs.N.31°W., 5 lks.  
 dist., marked  $\frac{1}{4}$  S 6 B T.  
 An oak, 10 ins. in diam., brs.S.8 $\frac{1}{4}$ °W., 112  
 lks.dist., marked  $\frac{1}{4}$  S 7 B T.  
 53.15 Gravelly spur, slopes SW. Descend 20 ft.  
 56.30 Ravine, 20 lks.wide, course S.20° W. Ascend 18 ft.  
 68.95 Road to the Southerland Ranch, brs.N.40°E. and S.40°W.  
 69.25 Gravelly spur, slopes SW. Descend 38 ft. over NW.slope.  
 78.14 The cor.of secs. 5, 6, 7 and 8.  
 Land, rolling, slopes to the SW.  
 Soil, gravelly and rocky clay loam, about 8 ins. deep,  
 3rd rate.  
 Timber, dense oak.



Subdivision of frac. Township 24 South, Range 20 East.

Chains.

Undergrowth, scattering scrub oak.  
Good grass.

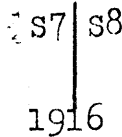
S. 0°3' E., bet. secs. 7 and 8.  
Over rolling land, thru dense timber, and scattering undergrowth.

20.15 Wash, 15 lks. wide, course S. 40° W. Ascend 20 ft. on NW. slope.

25.00 Gravelly spur, slopes SW. Descend 75 ft. on SE. slope.

33.30 Wash, 20 lks. wide, course S. 40° W. Ascend 51 ft. on NW. slope.

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



from which,

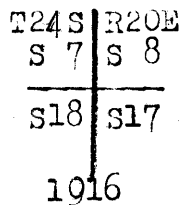
An oak, 8 ins. in diam., brs. N. 61° E., 37 lks. dist., marked S 8 B T.

An oak, 16 ins. in diam., brs. N. 9 $\frac{1}{2}$ ° W., 34 lks. dist., marked S 7 B T.

43.00 Gravelly spur, slopes SW. Descend 41 ft. on SE. slope.

78.40 Wash, 20 lks. wide, course S. 40° W. Ascend 30 ft. on NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap,



from which,

An oak, 10 ins. in diam., brs. N. 41 $\frac{3}{4}$ ° E., 36 lks. dist., marked T24S R20E S8 B T.

An oak, 14 ins. in diam., brs. S. 45° E., 71 lks. dist., marked T24S R20E S17 B T.

An oak, 10 ins. in diam., brs. S. 24 $\frac{1}{2}$ ° W., 35 lks. dist., marked T24S R20E S18 B T.

An oak, 8 ins. in diam., brs. N. 41 $\frac{1}{2}$ ° W., 25 lks. dist., marked T24S R20E S7 B T.

Land, rolling, slopes to the SW.

Soil, sandy, gravelly and rocky, clay loam, about 8 ins. deep, 3rd rate.

Timber, dense oak.

Undergrowth, scattering scrub oak.

Good grass.

S. 89°59' E. on a random line, bet. secs. 8 and 17.

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

79.96 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence,

West, on a true line, bet. secs. 8 and 17.

Over rolling land, thru dense timber and scattering undergrowth.

.16 Wash, 20 lks. wide, course S. 20° E. Ascend 12 ft. on NE. slope.

40. Subdivision of frac<sup>1</sup> Township 24 South, Range 20 East.

Chains.

- 1.98 Spur, slopes S. Descend 19 ft. over W.slope.  
 9.50 Wash, 30 lks.wide, course S.20°E. Ascend 48 ft. on NE.  
 slope.  
 16.00 Gravelly spur, slopes S. 10°W. Descend 81 ft. on W.slope.  
 26.35 Wash, 30 lks.wide, course S.30° W. Ascend 80 ft. on SE.  
 slope.  
 35.00 Gravelly spur, slopes S.30° W. Descend 20 ft. on NW.slope.  
 39.98 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

S 8

S 17

1916

from which,

- An oak, 12 ins. in diam., brs.N.12 $\frac{1}{2}$ °E., 20 lks.  
 dist., marked S 8 B T.  
 An oak, 12 ins. in diam., brs.S.32 $\frac{1}{2}$ °W., 47 lks.  
 dist., marked S 17 B T.  
 41.66 Wash, 15 lks.wide, course south. Ascend 78 ft. on E.  
 slope.  
 47.00 Gravelly spur, slopes S.10° W. Descend 16 ft. on NW.  
 slope.  
 57.25 Wash, 15 lks.wide, course south. Ascend 45 ft. on SE.  
 slope.  
 60.00 Gravelly spur, slopes S. Descend gradually.  
 61.96 Road to the Southerland Ranch, brs. N. and S.  
 79.96 The cor.of secs. 7, 8, 17 and 18.  
 Land, rolling, slopes to the SW.  
 Soil, gravelly and rocky clay loam, about 8 ins. deep,  
 3rd rate.  
 Timber, dense oak.  
 Undergrowth, scattering scrub oak.  
 Good grass.

- N.89° 57' W., on a random line, bet. secs. 7 and 18/  
 40.00 Set temp. $\frac{1}{4}$  sec.cor.  
 78.08 Intersect W. bdy.of Tp. 2 lks.N. of the true point for  
 cor.of secs. 7, 12, 13 and 18, witnessed 50 lks.S., as  
 hereinbefore described.  
 Thence  
 S.89° 58' E., on a true line, bet. secs. 7 and 18.  
 Over rolling land, thru. dense timber and scattering  
 undergrowth. Ascend 67 ft. on NW. slope.  
 13.00 Gravelly spur, slopes SW. Descend 45 ft. over SE. slope.  
 30.05 Wash, 15 lks.wide, course S. 30°W. Ascend 70 ft. on NW.  
 slope.  
 38.08 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., marked on-brass cap,

S 7

S 18

1916

from which,

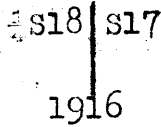
- An oak, 14 ins. in diam., brs. N.18 $\frac{1}{2}$ ° E., 74  
 lks.dist., marked S 7 B T.  
 An oak, 10 ins.in diam., brs. S.64 $\frac{1}{2}$ ° W., 126  
 lks.dist., marked S 18 B T.  
 43.10 Gravelly spur, slopes SW. Descend 32 ft. over SE.slope.

Subdivision of fracl. Township 24 South, Range 20 East. 41.

Chains

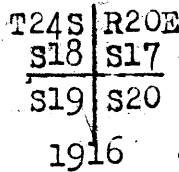
- 47.40 Wash, 25 lks. wide, course S. Ascend 64 ft. on W. slope.
- 55.00 Spur, slopes S. 20° W. Descend 28 ft. on SE. slope.
- 61.05 Ravine, 10 lks. wide, course S. Ascend 78 ft. on W. slope.
- 67.00 Spur, slopes S. Descend 37 ft.
- 76.10 Wash, 20 lks. wide, course S. 30° W. Ascend 15 ft. on NW. slope, to
- 78.08 The cor. of secs. 7, 8, 17 and 18.  
Land, rolling.  
Soil, gravelly and rocky clay loam, about 8 ins. deep, 3rd rate.  
Timber, dense oak.  
Undergrowth, scattering scrub oak.  
Good grass.

- S. 0° 3' E., bet. secs. 17 and 18.  
Over rolling land, thru dense timber and scattering undergrowth. Descend gradual SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,



from which,

- An oak, 6 ins. in diam., brs. S. 49 $\frac{3}{4}$ ° E., 26 lks. dist., marked  $\frac{1}{4}$  S 17 B T.
- An oak, 6 ins. in diam., brs. S. 47° W., 64 lks. dist., marked  $\frac{1}{4}$  S 18 B T.
- 41.15 Head of ravine, 5 lks. wide, course S. 30° W. Ascend 22 ft. on NW. slope.
- 45.00 Spur, slopes SW. Descend 22 ft. on SE. slope.
- 55.70 Wash, 15 lks. wide, course S. 40° W. Ascend 20 ft. on NW. slope.
- 70.00 Spur, slopes SW. Descend 20 ft. on SE. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17 and 18, and fracl. secs. 19 and 20, marked on brass cap,



from which,

- An oak, 10 ins. in diam., brs. N. 38 $\frac{1}{2}$ ° E., 132 lks. dist., marked T24S R20E S17 B T.
- An oak, 12 ins. in diam., brs. S. 80 $\frac{1}{2}$ ° E., 81 lks. dist., marked T24S R20E S20 B T.
- An oak, 18 ins. in diam., brs. S. 21° W., 172 lks. dist., marked T24S R20E S19 B T.
- An oak, 14 ins. in diam., brs. N. 27 $\frac{3}{4}$ ° W., 67 lks. dist., marked T24S R20E S18 B T.
- Land, rolling.
- Soil, sandy and gravelly clay loam, about 8 ins. deep, 3rd rate.
- Timber, dense oak.
- Undergrowth, scattering scrub oak.
- Good grass.

- 40.00 East, on a random line, bet. sec. 17 and fracl. sec. 20. Set temp.  $\frac{1}{4}$  sec. cor.
- 79.72 Intersect the cor. of secs. 16 and 17, and fracl. secs. 20 and 21.  
Thence,  
West, on a true line, bet. sec. 17 and fracl. sec. 20.  
Over rolling land, thru scattering timber and undergrowth,

42. Subdivision of fracl. Township 24 South, Range 20 East.

Chains.

- 7.20 Descend on SE.slope.
- 14.70 Draw, 200 lks.wide, course S.20° W. Ascend about 4 ft.
- 22.50 Low spur, slopes SW. Descend 75 ft. on NW.slope.
- 27.70 Wash, 30 lks.wide, course south. Ascend 23 ft.
- 32.10 Gravelly spur, slopes SW. Descend 23 ft. on NW.slope.
- 39.20 Wash, 25 lks.wide, course S. Ascend 59 ft. on E.slope.
- 39.86 Gravelly spur, slopes S. Descend 43 ft. on W. slope.
- 39.86 Set an iron post, 3 ft.long, 1 in. indiam., 26 ins. in the ground, for 2 sec.cor., marked on brass cap,

S 17

S 20

1916

- 41.50 Raise a mound of stone, 2 ft.base, 1½ ft. high, N.of cor.
- 47.70 Road to the Southerland ranch, brs.N.30°W. and S.30°E<sup>W</sup>
- 56.70 Wash, 25 lks/wide, course S. Ascend 60 ft. on E.slope.
- 68.60 Gravelly spur, slopes S. Descend 46 ft. on W.slope.
- 71.20 Wash, 15 lks.wide, course S.20° W. Ascend 45 ft. on SE.slope.
- 71.20 Spur, slopes S.20°W. Descend 28 ft. on NW.slope.
- 79.30 Wash, 10 lks.wide, course S.10° W. Ascend 6 ft.to
- 79.72 The cor.of secs.17 and 18, and fracl.secs. 19 and 20. Land, rolling. Soil, rocky and gravelly loam, about 8 ins.deep, 3rd rate. Timber, scattering oak. Undergrowth, scattering scrub oak, Good grass.

- 
- 40.00 N.89°58'W., on a random line, bet.sec.18 and fracl.sec.19. Set temp. ¼ sec.cor.
  - 48.10 Intersect W. bdy. of Tp., 14 lks.S. of the cor.of secs.13 and 18, and fracl. secs. 19 and 24, hereinbefore described. Thence, S.89° 52' W., on a true line, bet. sec.18, and fracl.sec. 19.
  - 40.00 Over rolling land, thru scattering timber and undergrowth.
  - 70.10 Descend 32 ft. on SE.slope.
  - 8.80 Wash, 20 lks.wide, course S.20° W. Ascend 100 ft. on SW.slope.
  - 16.20 Gravelly spur, slopes S 10° E. Descend 33 ft. on SE.slope.
  - 25.25 Wash, 25 lks.wide, course S.20°W. Ascend 49 ft. on SW.slope.
  - 33.10 Gravelly spur, slopes S. Descend 27 ft. on SE.slope.
  - 36.90 Wash, 15 lks.wide, course S. Ascend 53 ft. on SW.slope.
  - 38.10 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 2 sec.cor., marked on brass cap.

S 18

S 19

1916

from which,

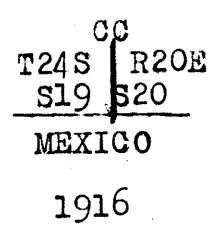
- An oak, 14 ins. in diam., brs.N. 27¼° W., 167 lks.dist., marked ¼ S 18 B T.
- An oak, 18 ins. in diam., brs. S.2¼° W., 172 lks.dist., marked ¼ S 19 B T.
- 40.10 Gravelly spur, sloping S. Descend 18 ft. on E.slope.
- 49.90 Ravine, 10 lks.wide, course S.10° W. Ascend 18 ft. on W.slope.
- 55.10 Gravelly spur slopes S 10°W. Descend 59 ft. on SE.slope.
- 66.00 Wash, 15 lks.wide, course S. Ascend 70 ft. on W.slope.
- 70.10 Spur, slopes S. Descend 18 ft. on E.slope.

Subdivision of fracl. Township 24 South, Range 20 East. 43

Chains.  
 75.65 Wash, 15 lks.wide, course S.20°W. Ascend 20 ft.on NW. slope.  
 77.20 Gravelly spur, slopes S. Descend 13 ft. on SE.slope.  
 78.10 The cor.of secs.17 and 18, and fracl.secs. 19 and 20. Land, rolling, slopes to the SW. Soil,sandy and gravelly clay loam, about 8 ins. deep,3rd rate. Timber, scattering oak. Undergrowth,scattering scrub oak. Good grass.

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 S.0° 38E., bet.frac1.secs. 19 and 20. Over rolling land, thru. dense timber and scattering undergrowth.

5.00 Ravine, 10 lks.wide, course S.20° W. Ascend 8 ft.  
 6.40 Low spur,slopes SW. Descend 12 ft.  
 11.40 Same ravine, 20 lks.wide, course S.10°E.  
 19.26 Intersect the International Boundary line between the United States and Mexico, 25.32 chs.S.89° 43' W.,from monument No.103, hereinbefore described. At the point of intersection, Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground for closing cor. of frac1.secs. 19 and 20, marked on brass cap,



from which,  
 An oak, 8 ins. in diam., brs.N.16°E., 90 lks. dist., marked C C T24S R20E S20 BT.  
 An oak,8 ins. in diam., brs.N.44½°W.,28 lks. dist., marked CC T24S R20E S19B T.

Land, rolling.  
 Soil,rocky clay loam, about 7 ins. deep, 3rd rate.  
 Timber,dense oak.  
 Undergrowth,scattering scrub oak.  
 Good grass.

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GENERAL DESCRIPTION.

This township is mountainous in eastern and northern parts, and rolling and broken in the western and southern parts, the soil ranging from 2hd to 4th rate. The soil of the mountainous portion of the township is a stony clay loam,over stone and clay subsoil, and nearly all can be classed as 3rd and 4th rate. It is covered with a dense growth of different kinds of brush,and furnishes good feed for cattle and horses. The soil of the rolling part of the township is a stony or gravelly clay loam, on clay subsoil; is covered with a heavy growth of bunch grass. The greater portion of the township is covered with a fair growth of oak, pine and juniper timber suitable for fuel purposes and domestic use generally. The township is watered by small springs in secs. 3 and 5, which form the Cave and Copper Creeks. There are several settlers in the township engaged in mining and stock raising. Copper and gold ore is found in every section comprised in the mountainous portion of the township.



## CERTIFICATE OF UNITED STATES SURVEYOR.

I, Sidney E. Blout, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 64, Arizona, bearing date of the 8th day of November, 1915 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~~ <sup>retraced</sup> all those parts or portions of the North bdy. of fracl. Township 24 South, Range 20 E., Boundary of patented Mining Claim in same Township, and United States-Mexico International Bdy. Line, -Mon. No. 100 to Mon. No. 104, RESURVEYED all those parts or portions of the North bdy. of fracl. T. 24 S., R. 20 E., and SURVEYED all those parts of portions of fracl. E. and W. bdrs. and subdivision lines of Township 24 South, Range 20 East, of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes <sup>and by diagram on page 1 hereof</sup> as having been executed by me, and under my direction; and that all the corners of said <sup>retracement, resurvey and</sup> survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 64, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ~~survey~~ <sup>retracement, resurvey and</sup> survey.

*Sidney E. Blout*  
U. S. Surveyor.

## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, JUN 10, 1919

The foregoing field notes of the ~~survey~~ <sup>retracement</sup> of part of the North bdy. of fracl. Township 24 South, Range 20 East, Bdy. of Patented Mining Claim in same Tp., and United States-Mexico International Bdy. Line, -Mon. No. 100 to Mon. No. 104, RESURVEY of part of North bdy. of fracl. Township 24 South, Range 20 East, & Survey of Frac. East and West bdrs., and subdivision lines of Township 24 South, Range 20 East, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Sidney E. Blout, U. S. Surveyor, under his special instructions dated November 8, 1915, for Group 64, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the <sup>retracements</sup> ~~surveys~~ <sup>resurveys and surveys</sup> they describe, are hereby approved.

*Frank R. Smith*  
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.~~