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Book "A"

4-679

BOOK 3581

FIELD NOTES

RE-
OF THE SURVEY OF THE

First Standard Parallel South, thru Range 26 East, and

Survey of the

West boundary,

Part of the North boundary, and

Part of Subdivision lines of

TOWNSHIP 5 SOUTH, RANGE 26 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William H. Thorn, U.S. Cadastral Engineer,

and

Benjamin J. Kinsey, U.S. Transitman,

In the capacity of U. S. Surveyors, under Special Instructions dated August 24., 1920,
issued by the United States Surveyor General to govern surveys included in Group
No. 111, which were approved by the Commissioner of the General Land
Office, December 18., 1920, and Assignment Instructions dated Nov. 17., 1920

Resurvey and Survey commenced November 30., 1920.

Resurvey and Survey completed January 8., 1921.

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INDEX DIAGRAM.

Township Range

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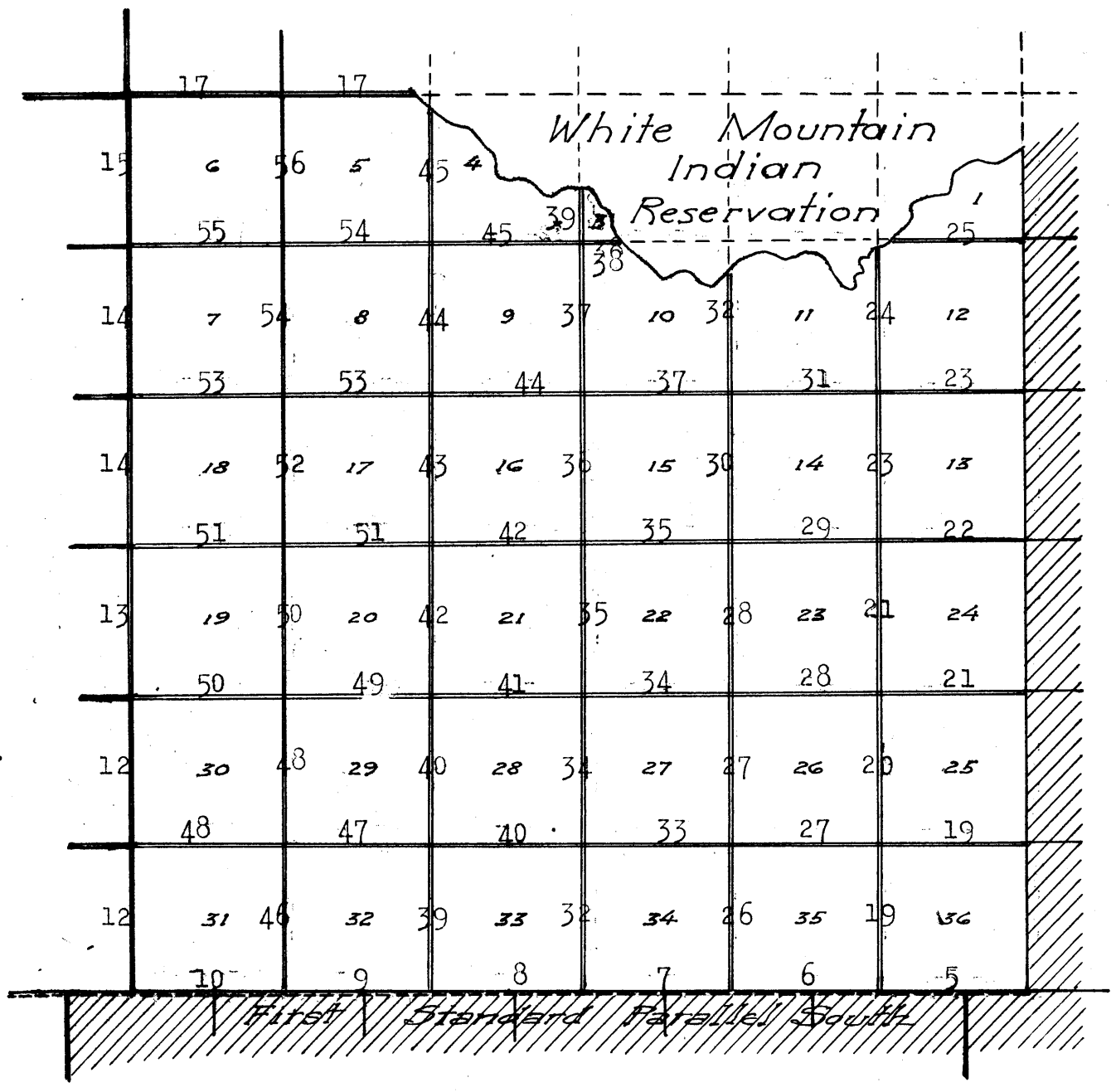
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INDEX-DIAGRAM

Township 5 South - Range 26 East

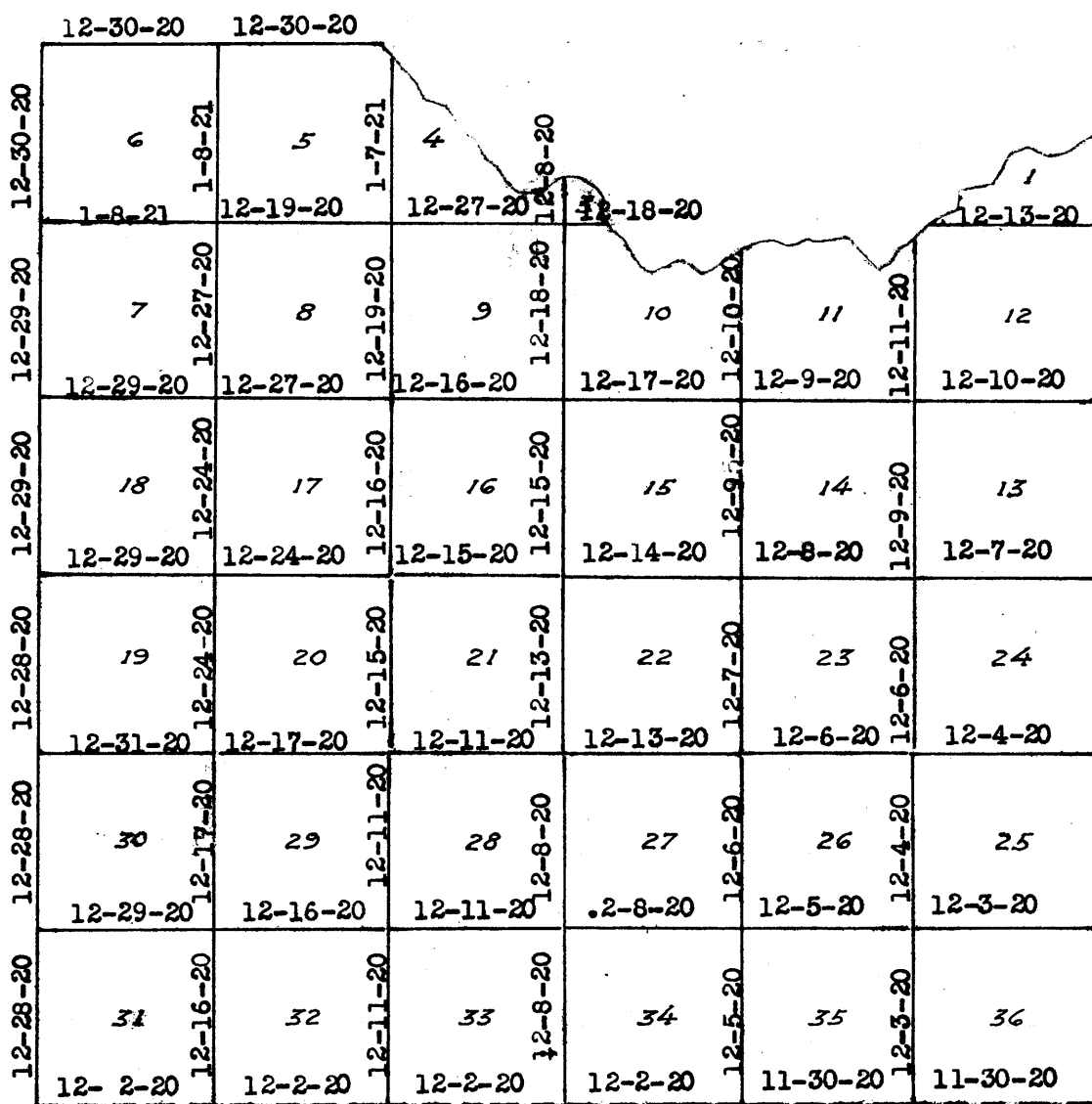


- ==== Lines surveyed under this group
- Lines resurveyed under this group
- Accepted surveys.
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- //// Areas surveyed as per accepted plats on file.

Book "A"
Group III - Arizona

• DATE - DIAGRAM •

Township 5 South, Range 26 East



First Standard Parallel South

Solid red lines on above diagram indicate surveys executed by William H. Thorn, U.S. Cadastral Engineer on dates shown thereon.

Dotted red lines on above diagram indicate resurveys executed by William H. Thorn, U.S. Cadastral Engineer on dates shown thereon.

Solid black lines on above diagram indicate surveys executed by Benjamin J. Kinsey, U.S. Transitman, on dates shown thereon.

Chains.

Resurveys and surveys hereinafter described, executed on dates shown on diagram on page 2 hereof, by William H. Thorn, U.S. Cadastral Engineer, and Benjamin J. Kinsey, U.S. Transitman, using respectively, Young and Sons transits Nos. 8592 and 8477. Each instrument is equipped with full vertical circle, and the Smith solar attachment; unless otherwise specified, all azimuth determinations are accomplished with the solar attachments.

Nov. 27, 1920. We examine the adjustments of each instrument, and correct all errors; then, to test the solar apparatus by comparing its indications from observations made during a.m. and p.m. hours with a meridian established by Polaris observation, proceed with each instrument as follows:

At the town of Safford, Arizona, near center of sec. 8, T. 7 S.; R. 26 E., Gila and Salt River Base and Meridian, Arizona, in latitude $32^{\circ}50'40''$ N., longitude, $109^{\circ}42'W$. at 3h. 10.5m. p.m., l.m.t., observe Polaris at eastern elongation, making of four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a stake driven firmly in the ground 5 chs. N.

Azimuth of Polaris at eastern elongation = $1^{\circ}19'34''$.

Nov. 28, 1920. Lay off the azimuth of Polaris $1^{\circ}19\frac{1}{2}'$ to the west, and take for reference point a pine tree on mountain about 15 miles distant; which brs. $N.0^{\circ}02'W$.

At 9h. 00m. a.m., l.m.t., set off $32^{\circ}50\frac{1}{2}'N$. on the lat. arc; $21\frac{1}{2} 18\frac{1}{2}'S$. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian, the resulting reading of the decl. arc is $21^{\circ}20\frac{1}{2}'S$., which agrees with the computed decl. of the sun.

At 3h. 00m. p.m., l.m.t. with the lat. arc unchanged, set off $21^{\circ}21\frac{1}{2}'S$. on the decl. arc, and determine the meridian with the solar, which agrees with the true meridian.

As all the solar observations made with both instruments during the usual hours of solar work come within $1'30''$ of the true meridian, we conclude that the adjustment of the instruments is satisfactory.

All measurements are made with Lufkin steel tapes, 5 chs. in length compared with the Chesterman standard steel tape, and found correct. The measurements are made on the slope, vertical angles determined with clinometer and the slope measurements properly reduced to the true horizontal distances.

4 Resurvey of 1st Standard Parallel South, thru. Range 26 East.

Chains.

The 1st Standard Parallel South, thru. Range 26 East was surveyed in 1895 by Philip Contzen, compassman for Alfred L. Trippel, U.S. Deputy Surveyor. In 1917, the S. bdy. of sec. 36 was retraced and the standard cor. of Ts. 5 S., Rs. 26 and 27 E. was reestablished by proportional measurement. No other retracements are of record.

Retracement for Resurvey.

- From the reestablished standard cor. of Ts. 5 S., Rs. 26 and 27 E.,
N. 89° 45' W., on a random line on S. bdy. of sec. 36.
- 37.00 Intersect the original closing cor. of Ts. 6 S., Rs. 26 and 27 E.
Continue line and measurement.
- 41.00 Intersect the original standard $\frac{1}{4}$ sec. cor. of sec. 36.
Continue line and measurement.
- 80.11 Fall 2 lks. N. of the original standard cor. of secs. 35 and 36.
Thence from cor.
West, on a random line, on S. bdy. of sec. 35.
- 37.17 Fall 5 lks. S. of the closing cor. of secs. 1 and 2, T. 6 S., R. 26 E.
Continue line and measurement.
- 40.01 Fall 7 lks. S. of the original standard $\frac{1}{4}$ sec. cor. of sec. 35.
Thence from cor.,
West on random line on S. bdy. of sec. 35 (W. $\frac{1}{2}$).
- 40.00 Intersect the original standard cor. of secs. 34 and 35.
Thence from cor.,
West, on a random line on S. bdy. of sec. 34.
- 37.04 Fall 9 lks. S. of the closing cor. of secs. 2 and 3, T. 6 S., R. 26 E.
Continue line and measurement.
- 40.03 Fall 9 lks. S. of the original standard $\frac{1}{4}$ sec. cor. of sec. 34.
Thence from cor.,
West, on a random line on S. bdy. of sec. 34 (W. $\frac{1}{2}$).
- 40.04 Fall 10 lks. S. of the original standard cor. of secs. 33 and 34.
Thence from cor.,
West, on a random line on S. bdy. of sec. 33.
- 37.28 Fall 2 lks. S. of the closing cor. of secs. 3 and 4, T. 6 S., R. 26 E.
Continue line and measurement.
- 39.92 Intersect the original standard $\frac{1}{4}$ sec. cor. of sec. 33.
Thence from cor.,
West, on a random line on S. bdy. of sec. 33 (W. $\frac{1}{2}$).
- 40.11 Fall 4 lks. S. on the original standard cor. of secs. 32 and 33.
Thence from cor.,
West, on a random line on S. bdy. of sec. 32.
- 37.24 Intersect the closing cor. of secs. 4 and 5, T. 6 S., R. 26 E.
Continue line and measurement.
- 40.15 Intersect the original standard $\frac{1}{4}$ sec. cor. of sec. 32.
Thence, from cor.,
West on a random line on S. bdy. of sec. 32 (W. $\frac{1}{2}$).
- 40.03 Intersect the original standard cor. of secs. 31 and 32.
Thence from cor.
West, on a random line on S. bdy. of sec. 31.
- 37.18 Fall 9 lks. S. of the closing cor. of secs. 5 and 6, T. 6 S., R. 26 E.
Continue line and measurement.
- 39.98 Fall 9 lks. S. of the original standard $\frac{1}{4}$ sec. cor. of sec. 31.
Thence from cor.,
West, on a random line, on S. bdy. of sec. 31 (W. $\frac{1}{2}$).
- 40.52 Fall 10 lks. S. of the original std. cor. of Ts. 5 S., Rs. 25 and 26 E.

Chains.

Resurvey:

The standard cor. of Ts. 5 S., Rs. 26 and 27 E., reestablished by William B. Kimmel, U.S. Cadastral Engineer, in 1917, is an iron post, 3 ins. in diam., projecting 8 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone N. of cor., and one properly marked bearing tree, a

A cedar, 18 ins. in diam., N. 26° E., 165 lks. dist.

Thence,

N. 89° 45' W., on a true line, on S. bdy. of sec. 36.

Over mountainous land, thru. scattering timber and undergrowth.

Ascend 39 ft., over E. slope.

7.00 Descend 15 ft. over NW. slope.

13.60 Rocky gulch, course NE.

Ascend 515 ft., over rocky NE. slope.

26.20 Top of Casimiro Mountain, brs. SE. and NW. Highest point in same, brs. NW. 2 chs. dist.

Descend 375 ft., over W. slope, to

37.00 The original closing cor. of Ts. 6 S., Rs. 26 and 27 E., which is a mound of stone.

Alongside of same, set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for reestablished closing cor., marked on brass cap,

T5S R26E

S 1 S 6

R26E R27E

T6S

C C

1920

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

40.05 Descend 171 ft., over W. slope, to

(Midway bet. the SE. and SW. cors. of sec. 36),

Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, supported in a mound of stone, for reestablished standard $\frac{1}{4}$ sec. cor., marked on brass cap,

S C

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

1920

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

41.00 Descend 27 ft., over W. slope, to

The original standard $\frac{1}{4}$ sec. cor. of sec. 36, which is a stone, 20x8x6 ins. above ground, marked WC $\frac{1}{4}$ SC on N. face, and witnessed by a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Deface old marks, and mark "AP."

Thence,

N. 89° 47' W., on a true line on S. bdy. of sec. 36, continuing measurement.

54:60 Descend 520 ft., over W. slope, to

Gulch, course SW.

80.11 Descend 490 ft., over SW. slope, to

The original standard cor. of secs. 35 and 36, which is a granite stone 10x8x4 ins. above ground, firmly set, marked with 1 notch on E., 5 notches on W., SC on N. face, and witnessed by a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Land, mountainous.

Soil, rocky 4th rate.

Timber, scattering small cedar.

Undergrowth, scattering scrub oak, scrub cedar, catclaw, scrub mesquite and cacti.

6 Resurvey of 1st Std. Parallel South, thru. Range 26 East.

Chains.	
	N. 89° 54' W., on a true line, on S. bdy. of sec. 35. Over mountainous land, thru. dense undergrowth.
3.90	Descend 50 ft. over SW. slope, to Enter gully, course W. from NE. Descend 35 ft., in bottom of gully.
10.18	Leave gully, course SW. from E., joined at this point by another gully from N. Ascend 10 ft., over SE. slope.
12.20	Spur, slopes SW. Descend 101 ft., over W. slope.
25.77	Gulch, course S. Ascend 37 ft., over E. slope.
30.46	Ridge, brs. N. and S. Descend 52 ft., over W. slope, to
37.17	The closing cor. of secs. 1 and 2, T. 6 S., R. 26 E., which is a malpais stone 14x10x8 ins. above ground, firmly set, marked with 1 notch on E., 5 notches on W., and C on S. face, witnessed by a mound of stone 3 ft. base, 1½ ft. high, S. of cor. Descend slightly over NW. slope, to
40.01	The original standard ¼ sec. cor. of sec. 35, which is a malpais stone 12x8x8 ins. above ground, firmly set, marked ¼ S C on N. face, and witnessed by a mound of stone 3 ft. base, 1½ ft. high, N. of cor. From this cor., the SE. cor. (No. 1) of "LAWYER" patented lode mining claim, Mineral Survey No. 3299, brs. N. 9° 50' E., 91 lks. dist. Thence, West, on a true line, on S. bdy. of sec. 35 (W. ½). Descend 87 ft. over NW. slope, to
6.56	Wash, 100 lks. wide, course SW. Ascend 25 ft., over SE. slope.
14.34	Prospect hole on line.
14.79	Road, brs. N. and S.
16.09	Mine shaft on line. Descend 58 ft., over SW. slope.
18.14	Road brs. N. and S.
19.20	Wash, course S. Ascend 30 ft., over E. slope.
20.00	Road, brs. NE. and SW.
21.42	Pipe line, brs. N. and S.
23.36	E. wall of cement tank, 45 ft. square and 6 ft. deep on line.
24.67	Top of hill. Hoist of San Juan Copper Co., brs. S. 18° 45' E., 6.50 chs. dist. House brs. S. 2½° E. about 125 lks. dist. An open cut brs. S. 12° E., 375 lks. dist. Another open cut brs. S. 8° W., 350 lks. dist. Descend 142 ft., over W. slope.
27.04	Old shaft on line.
27.34	Road brs. N. and S.
28.14	Old road, brs. N. and S.
34.00	Wash, 25 lks. wide, 6 ft. deep, course SW. Ascend 15 ft., over SE. slope, to
40.00	Low spur, slopes SW. The original standard cor. of secs. 34 and 35, which is a malpais stone 18x8x3 ins. above ground firmly set and marked with 2 notches on E., 4 notches on W. and SC on N. face, and witnessed by a mound of stone, 3 ft. base, 1½ ft. high, N. of cor. Alongside of original cor., set an iron post, 3 ft. long 2 ins. in diam., 12 ins. in the ground to bed rock, sup- ported in a mound of stone for reestablished standard cor. of secs. 34 and 35, with brass cap, marked

S	C
T5 S	R26 E
S34	S35

Resurvey of 1st Std. Parallel South, thru. Range 26 East. 7

Chains.

From this cor., the SE. cor. (No.4) of OUTLAW patented lode mining claim, Mineral Survey No.3299 brs. S.85°E. 6.20 chs. dist.
 The SW. cor. (No.1) of same claim brs.N.73°W.,3.04 chs. dist.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood and cacti.

N. 89°52'W., on a true line, on S. bdy. of sec.34.
 Over mountainous land, thru. dense undergrowth.
 Descend 57 ft., over NW. slope.

8.89 From this point, the NW. cor. (No.2) of "HOLE BROOK" patented lode mining claim, Mineral Survey No.3299 identical with the NE. cor. (No.3) of "Bill Nye" patented lode claim, same mineral survey brs. N.23°10'E.,4.36 chs. dist.

9.00 Center of wash about 8 chs.wide, course SW.
 Ascend 25 ft., over SE. slope.

20.25 Old mine shaft, brs.N. about 75 lks. dist.

20.45 Spur, slopes S.
 Descend 25 ft., over W. slope.

22.62 Wash, 50 lks.wide, course S.
 Ascend 105 ft., over E. slope.

31.36 Ridge, brs.N. and S.
 Descend 63 ft., over W. slope, to

37.04 The closing cor. of secs. 2 and 3, T.6 S., R.26 E., which is a stone 10x6x6 ins. above ground, firmly set, marked with 2 notches on E., 4 notches on W., and CC on S. face, and witnessed by a mound of stone, 3 ft. base, 1 ft. high, S. of cor.

Alongside of old cor., set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone, for reestablished closing cor., marked on brass cap,

T5S R26E
 S 3 | S 2
 T 6S | R26E
 C C
 1920

40.03 Descend 50 ft., over W. slope, to
 The original standard 1/4 sec. cor. of sec.34, which is a stone 10x6x3 ins. above ground, firmly set, marked 1/4 S C on N. face, and witnessed by a mound of stone N. of cor.

Alongside of old cor., set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, supported in a mound of stone, for reestablished standard 1/4 sec. cor., marked on brass cap,

S C
 1/4 S 34
 1920

Rebuild mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Thence,
 N.89°51'W., on a true line, on S. bdy. of sec.34 (W. 1/2).
 Descend 62 ft., over W. slope.

7.85 Gulch, 10 lks.wide, 8 ft. deep, course SW.
 Ascend 5 ft., over SE. slope.

10.00 Spur, slopes SW.
 Descend 21 ft., over NW. slope.

12.04 Gulch, course SW.
 Ascend 46 ft., over SE. slope.

22.42 Point of spur, slopes S.
 Descend 50 ft., over W. slope.

Chains.

27.50 Wash, 25 lks. wide, course S.
Ascend 75 ft., over E. slope.
35.27 Ridge, hrs. NE. and SW.
Descend 65 ft. over NW. slope, to
40.04 The original standard cor. of secs. 33 and 34, which is a malpais stone, 8x8x4 ins. above ground, firmly set, marked with 3 grooves on E., 3 grooves on W., and SC on N. faces, witnessed by a mound of stone 3 ft. base, 1 1/2 ft. high, N. of cor.
Alongside of old cor., set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground, to bed rock, supported in a mound of stone, for reestablished standard cor. of secs. 33 and 34, marked on brass cap,

	S	C
T5S	R26E	
S33	S34	

1920

Land, mountainous.
Soil, rocky, 3rd and 4th rate.
Timber, none.
Undergrowth, dense greasewood, ocotilla and other cacti.

West, on a true line, on S. bdy. of sec. 33.
Over rolling land, thru dense undergrowth.
Descend 30 ft., over NW. slope.
2.26 Wash, 10 lks. wide, course SW. Asc. 50 ft., over SE. slope.
8.00 Spur, slopes SW, Desc. 80 ft., over SW. slope.
13.13 Culch, course SW.
Ascend 90 ft., over SE. slope.
21.80 Ridge, hrs. NE. and SW.
Descend 165 ft., over NW. slope, to
37.28 The original closing cor. of secs. 3 and 4, T. 6 S., R. 26 E., which is a stone, 14x10x6 ins. above ground, firmly set, marked with 3 notches on E., 3 notches on W., and CC on S. faces, witnessed by a mound of stone, 3 ft. base, 1 1/2 ft. high, S. of cor.
Alongside of old cor., set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, to bed rock, supported in a mound of stone for reestablished closing cor. of secs. 3 and 4, T. 6 S., R. 26 E., marked on brass cap,

T5 S R26E

S 4	S 3
T6S	R26E
C	C

1920

39.92 Descend 30 ft., over NW. slope, to
The original standard 1/4 sec. cor., of sec. 33, which is a stone in place 36x24x6 ins. above ground, marked + 1/4 S C, witnessed by a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor.
Alongside of old cor., set an iron post, 3 ft. long, 1 in. in diam., 13 ins. in the ground, to bed rock, supported in a mound of stone, for reestablished standard 1/4 sec. cor. cor., marked on brass cap,

S	C
1/4 S	33

1920

Thence,
N. 89° 57' W., on a true line, on S. bdy. of sec. 33 (W. 1/4).
Descend slightly over NW. slope.

Resurvey of 1st Std. Parallel South; Taru Range 26 East. 9

- Chains. 1.09 Wash, course SW.
- 8.92 Ascend 70 ft., over SE. slope.
- 21.00 Ridge, brs. NE. and SW.
- 26.00 Descend 103 ft., over NW. slope.
- 28.00 Wash, 10 lks. wide, course SW.
- 36.00 Ascend 15 ft., over SE. slope.
- 40.11 Point of spur, slopes S.
- Descend 12 ft., over W. slope.
- Wash, 100 lks. wide, course S.
- Ascend 45 ft., over E. slope.
- Ridge, brs. NE. and SW.
- Descend 10 ft., over NW. slope, to
- The original standard cor. of secs. 32 and 33, which is a malpais stone, 10x8x5 ins. above ground, marked with 4 notches on E., 2 notches on W., and SC on N. faces, witnessed by a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor.
- Alongside old cor., set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of secs. 32 and 33, marked on brass cap,

S	C
T5S	R26E
S32	S33

1920

Land, rolling.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, scrub mesquite and cacti.

- West, on a true line on S. bdy. of sec. 32.
- Over rolling land, thru. dense undergrowth.
- Descend slightly over NW. slope.
- 1.00 Wash, 10 lks. wide, course SW.
- 2.40 Ascend 30 ft., over SE. slope.
- 10.00 Mound of stone, 3 ft. base, 2 ft. high on line.
- Ridge, brs. NE. and SW.
- Descend 40 ft., over NW. slope.
- 11.68 Old road, brs. NE. and SW.
- 18.27 Wash, 75 lks. wide, course SW. Thence over SW. slope, with slight change in elevation.
- 22.20 Wash, course SW.
- Ascend 25 ft., over SE. slope, to
- 37.24 The original closing cor. of secs. 4 and 5, T. 6 S., R. 26 E., which is a malpais stone, 12x10x4 ins. above ground, firmly set, marked with 4 notches on E., 2 notches on W. and "CC" on S. faces, witnessed by a mound of stone, S. of cor.
- Alongside of old cor., set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bed rock, supported in a mound of stone, for reestablished closing cor. of secs. 4 and 5, marked on brass cap,

T5	S	R26E	
S	5	S	4
T6	S	R26E	
C	C		

1920

- Rebuild the mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.
- Thence over SW. slope, with slight change in elevation.
- 40.15 The original standard 1/4 sec. cor. of sec. 32, which is a malpais stone, 10x6x3 ins. above ground, firmly set, marked 1/4 S C on N. face, and witnessed by a mound of stone, N. of cor.
- Alongside, of old cor., set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for reestablished standard cor.

BOOK 3581

10 Resurvey of 1st Stand. Parallel South thru Range 26 East.

Chains.

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

S C
 $\frac{1}{4}$ S 32
 1920

11.57 Rebuild the mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Thence,

West, on a true line on S. bdy. of sec. 32 (W. $\frac{1}{2}$).

Descend 43 ft., over W. slope.

20.00 Gully, 20 lks. wide, 8 ft. deep, course SW.

Ascend 32 ft., over SE. slope.

23.47 Ridge, brs. NE. and SW.

Descend 33 ft., over NW. slope.

27.07 Old road, brs. NE. and SW.

Wash, 100 lks. wide, 3 ft. deep, course SW.

Ascend 72 ft.

35.00 Ridge, brs. NE. and SW.

Descend 65 ft., over NW. slope, to

40.03 The original standard cor. of secs. 31 and 32, which is a malpais stone, 12x6x5 ins. above ground, firmly set, marked with 5 notches on E., 1 notch on W., and SC on N. face, and witnessed by a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Alongside of old cor., set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of secs. 31 and 32, marked on brass cap,

S | C
 T5 S | R26E
 S31 | S32
 1920

Land, rolling.

Soil, rocky malpais and granite formation, 4th rate.

Timber, none.

Undergrowth, dense greasewood, mesquite, ocotillo and other cacti.

N. 89° 52' W., on a true line on S. bdy. of sec. 31.

Over rolling land, thru dense undergrowth.

Descend 27 ft., over NW. slope.

2.00 Wash, 50 lks. wide, course SW.

Ascend 60 ft., over SE. slope.

8.50 Point of spur, slopes S. Desc. 129 ft., over W. slope.

23.70 Wash, 50 lks. wide, course S. Asc. 113 ft., over E. slope, to

37.18 The original closing cor. of secs. 5 and 6, T. 6 S., R. 26 E., which is a malpais stone 12x6x4 ins. above ground, firmly set, marked with 5 notches on E., 1 notch on W. and CC on S. face, with a mound of stone 3 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

Set an iron post, 3 ft. long, 2 ins. in diam., alongside of old cor., 18 ins. in the ground to bed rock, supported in a mound of stone, for reestablished closing cor. of secs. 5 and 6, T. 6 S., R. 26 E., marked on brass cap,

T5S R26E
 S 6 | S 5
 T6S | R26E
 C | C
 1920

39.98 Ascend 13 ft., over E. slope.

Spur, slopes S. The original standard $\frac{1}{4}$ sec. cor. of sec. 31, which is a malpais stone, 10x8x4 ins. above ground,

Resurvey of 1st Std. Parallel South, thru Range 26 East. 11

Chains.

firmly set, marked $\frac{1}{4}$ SC on N. face, with mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Alongside of old cor., set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for reestablished std. $\frac{1}{4}$ sec. cor., marked on brass cap,

S C
 $\frac{1}{4}$ S 31
1920

Thence, N. $89^{\circ}51'$ W., on a true line on S. bdy. of sec. 31 (W. $\frac{1}{2}$): Descend 182 ft., over W. slope.

22.20 Draw, course S.
Ascend 65 ft. over E. slope.
32.90 Spur, slopes S.
Descend 26 ft., over W. slope.

35.23 Gully, course S.
Ascend 5 ft., over S. slope, to

40.52 The original standard cor. of Ts. 5 S., Rs. 25 and 26 E., which is a malpais stone, 10x10x6 ins. above ground firmly set, marked with 6 notches on E. and W., and 6 notches and SC on N. face, and witnessed by a mound of stone, 4 ft. base, 2 ft. high, N. of cor.

Alongside old cor., set an iron post, 3 ft. long, 3 ins. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for reestablished standard cor. of Ts. 5 S., Rs. 25 and 26 E., marked on brass cap,

S C
T5S
R25E | R26E
S36 | S31
1920

Land, rolling.
Soil, rocky, malpais formation, 4th rate.
Timber, none.
Undergrowth, dense greasewood, scrub mesquite, scrub palo verde, ocotilla and other cacti.

BOOK 3581

12 Survey of the West bdy. of Township 5 South, Range 26 East.

Chains.

From the reestablished standard cor. of T₅ S., R_s. 25 and 26 E., on 1st Std. Parallel South, hereinbefore described, North, on true line, bet. secs. 31 and 36.

Over rolling land, thru. dense undergrowth.

Ascend 48 ft., over SW. slope, to

19.00 SE. edge of Coyote Wash, brs. NE. and SW. Thence across said wash, course SW.

Ascend 48 ft. to

40.00 True point for $\frac{1}{4}$ sec. cor. falls in Coyote Wash.

Ascend 12 ft. to

45.40 NW. edge of Coyote Wash, brs. NE. and SW. Leave said wash.

45.50 Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, supported in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., marked on brass cap;

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

W | C
1920

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

Ascend 75 ft., over S. slope, to

80.00 Set an iron post, 3 ft. base, 2 ins. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 25, 30, 31, and 36, marked on brass cap,

T5S
R25E | R26E
S25 | S30
S36 | S31
1920

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

Soil, rocky sandstone and malpais formation, 4th rate.

Timber, none.

Undergrowth, dense greasewood, scrub mesquite, catclaw, ocotillo, and other cacti.

North, on true line, bet. secs. 25 and 30.

Over rolling land, thru. dense undergrowth.

Ascend 72 ft., over S. slope to point of spur.

9.30 Old road, brs. NE. and SW.

16.00 Point of rocky spur, slopes SE.

Descend slightly over NE. slope.

18.00 Leave rolling, and enter mountainous land. Ascend 410 ft., over rocky SE. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
S25 | S30
1920

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

Ascend 109 ft., over SE. slope.

46.29 Spur, slopes E.

Descend 230 ft., over N. slope.

57.70 Gulch, course E.

Ascend 194 ft., over S. slope.

69.13 Point of spur, slopes E.

Descend 137 ft., over NE. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for cor. of secs. 19, 24, 25 and 30, marked on brass cap,

Chains.

T5S	
R25E	R26E
S24	S19
S25	S30
1920	

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

Land, S. 18 chs., rolling; remainder, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, dense greasewood, scrub mesquite and cactus.

North, on true line, bet. secs. 19 and 24.

Over broken and mountainous land, thru. dense undergrowth.

10.60

Descend 123 ft., over NE. slope, to

Coyote Wash, 100 lks. wide, course SE.

16.66

Ascend 14 ft., over SW. slope, to

Coyote Wash, course SW.

33.10

Ascend 180 ft., over S. slope.

Rocky spur, slopes E.

37.30

Descend 130 ft., over N. slope.

Coyote Wash, 100 lks. wide, course E.

40.00

Ascend 43 ft., over S. slope, to

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

T5S	
R25E	R26E
S24	S19
1920	

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

42.00

Ascend 23 ft., over S. slope,

Point of rocky spur, slopes W.

46.00

Descend 10 ft., over NW. slope.

Ascend 25 ft., over SW. slope.

51.50

Point of rocky spur, slopes W.

Descend 31 ft., over N. slope, to

55.94

Coyote Wash, course W.

Ascend slightly over SW. slope, to

56.14

Wash, course SW.

Ascend 16 ft., over SE. slope.

59.65

Descend 15 ft., over NE. slope.

60.42

Same wash, course SE.

Ascend 149 ft. over SW. slope, to

64.20

Change to west slope, and ascend gradually to

69.00

Ascend 22 ft. over SW. slope.

72.70

Point of spur, slopes W.

Descend 103 ft., over N. slope.

79.20

Wash, 50 lks. wide, course W. from N.

Ascend 18 ft., over SE. slope, to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, to bed rock; supported in a mound of stone for cor. of secs. 13, 18, 19 and 24; marked on brass cap,

T5S	
R25E	R26E
S13	S18
S24	S19
1920	

from which,

A cedar, 12 ins. in diam., brs. S. 65° E., 50 lks.

dist., marked T5S R26E S19 BT.

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

Land, broken and mountainous. Soil, rocky, 4th rate.

Timber, none.

BOOK 3581

14 West boundary of Township 5 South, Range 26 East.

Chains.

Undergrowth, dense greasewood, scrub mesquite and cactus.

North, on true line, bet. secs. 13 and 18.

Over mountainous land, thru. dense undergrowth.

Ascend slightly over SE. slope, to

2.50 Enter wash, course S. 10° E. from W. thence along bottom of this wash, ascending 40 ft., to

8.80 Leave wash, course S. from NE.

Ascend 18 ft., over SE. slope.

12.00 Point of spur, slopes E.

Descend 16 ft., over NE. slope.

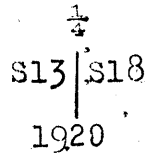
15.73 Gully, 10 lks. wide, course SE.

Ascend 254 ft., over S. slope.

34.60 Point of spur, slopes SE.

Descend 10 ft., over NE. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported in a mound of stone, for 1/4 sec. cor., marked on brass cap,



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

Descend 57 ft., over NE. slope.

50.20 Gulch, course SE.

Ascend 100 ft., over SW. slope, to

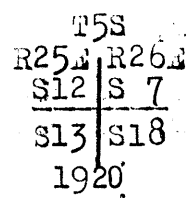
60.00 Head of same gulch, course SW.

Ascend 75 ft., over S. slope.

69.74 Ridge, brs. E. and W.

Descend 35 ft., over N. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bedrock, supported in a mound of stone, for cor. of secs. 7, 12, 13 and 18, marked on brass cap,



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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, dense greasewood, scrub mesquite and cacti.

North, on true line, bet. secs. 7 and 12.

Over mountainous land, thru. dense undergrowth.

Descend 160 ft., over N. slope.

14.80 Gulch, 10 lks. wide, course W.

Ascend 78 ft., over S. slope.

21.68 Spur, slopes W.

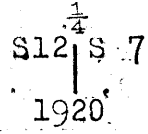
Descend 71 ft., over N. slope.

27.13 Road, Big Springs to Pima, brs. E. and W.

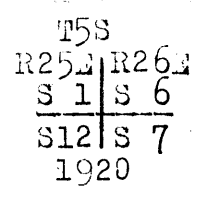
29.60 Wash, 100 lks. wide, course W.

Ascend 10 ft., over S. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, to bed rock, supported in a mound of stone, for 1/4 sec. cor., marked on brass cap,

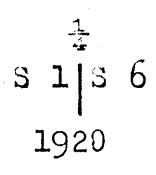


Chains. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Ascend 50 ft., over S. slope.
 50.00 Ridge, brs. E. and W.
 Descend 104 ft., over N. slope.
 59.33 Wash, 10 lks. wide, course W.
 Ascend 73 ft., over S. slope.
 62.50 Spur, slopes W.
 Descend 50 ft., over N. slope.
 68.70 Wash, 100 lks. wide, course W.
 Ascend 83 ft., over S. slope.
 76.10 Ridge, brs. E. and W.
 Descend 50 ft., over N. slope, to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in
 the ground to bed rock, supported in a mound of stone,
 for cor. of secs. 1, 6, 7 and 12, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W.
 of cor.
 Land, mountainous.
 Soil, rocky malpais formation, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, scrub mesquite, scrub cedar,
 ocotillo and other cacti.

North, on true line, bet. secs. 1 and 6.
 Over mountainous land, thru dense undergrowth.
 Descend 70 ft., over N. slope.
 4.05 Wash, course W.
 Ascend 28 ft., over S. slope.
 8.40 Spur, slopes W.
 Descend 10 ft., over N. slope.
 11.20 Wash, 20 lks. wide, course W.
 Ascend 102 ft., over S. slope.
 18.30 Spur, slopes W.
 Descend 53 ft., over N. slope.
 27.00 Wash, 20 lks. wide, course W.
 Ascend 130 ft., over S. slope, to $\frac{1}{4}$ sec. cor.
 28.24 Old circular corral, brs. W. about 5 chs. dist.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
 supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W.
 of cor.
 Ascend 110 ft., over S. slope.
 46.27 Spur, slopes W.
 Descend 56 ft. over NW. slope.
 51.60 Gulch, course W.
 Ascend 268 ft., over SW. face of series of cliffs.
 60.60 Ridge, brs. E. and W. Top of cliffs, bearing SE. and NW.
 facing SW., near NW. end of same.
 Descend 350 ft., over N. slope.
 78.50 Wash, course W.
 Ascend 10 ft., over S. slope, to
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 12 ins. in
 the ground to bed rock, supported in a mound of stone
 for cor. of Ts. 4 and 5 S., Rs. 25 and 26 E., marked on
 brass cap,

BOOK 3581

West boundary of Township 5 South, Range 26 East.

Chains.

T4S	
R25E	R26E
S36	S31
S 1	S 6
T5S	
1920	

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, scrub mesquite, scrub cedar
 and cacti.

Survey of part of the North bdy. of T. 5 S., R. 26 E.

Chains.

From the cor. of Ts. 4 and 5 S., Rs. 25 and 26 E., hereinbefore described,

East, on a true line, bet. secs. 6 and 31.

Over mountainous land, thru. dense undergrowth, along S. slope, with slight change in elevation.

2.20 Wash, course SW.

Ascend 370 ft., over rocky SW. slope, to

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

$\frac{1}{4}$ S 31
S 6
1920

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Ascend 370 ft., over broken SW. slope.

58.67 Point of spur, slopes S.

Descend 56 ft., over SE. slope, to

62.45 Head of gulch, course S.

Ascend 80 ft., over W. slope.

66.10 Spur, slopes S.

Descend 90 ft., over E. slope.

69.50 Gulch, course S.

Ascend 215 ft., over W. slope.

76.60 Ridge, brs. NE. and SW.

Descend 27 ft., over SE. slope, to

80.03 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for cor. of secs. 5, 6, 31, and 32, marked on brass cap,

T4S | R26E
S31 | S32
S 6 | S 5
T5S
1920

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

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, dense greasewood, scrub mesquite, ocotillo, and other cacti.

East, on a true line, bet. secs. 5 and 32.

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

Descend 77 ft., over SE. slope.

4.00 Head of gulch, course S.

Ascend 168 ft., over SW. slope.

9.84 Point of spur, slopes S.

Descend 444 ft., over SE. slope.

27.36 Wash, 2 chs. wide, course S.

Ascend 143 ft., over SW. slope, to $\frac{1}{4}$ sec. cor.

33.85 Road, brs. NE. and SW.

36.20 Road, brs. N. and S.

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

$\frac{1}{4}$ S 32
S 5
1920

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Big Springs Reservoir, 12x10x6 ft. brs. S. about 10 chs. dist. Ascend 990 ft., over SW. slope, to

77.70 Main ridge of the Gila Mountains, brs. NW. and SE. Intersect the South bdy. of the White Mountain Indian

Chains.

Reservation, at a point on traverse of South bdy. from the 60 $\frac{1}{2}$ mile mon., as follows:

N. 55 $\frac{1}{2}$ $^{\circ}$ W., 7.50 chs.

N. 14 $\frac{1}{4}$ $^{\circ}$ W., 0.80 chs.

N. 52 $\frac{1}{2}$ $^{\circ}$ W., 2.00 chs.

The 60 $\frac{1}{2}$ mile mon. is an iron post, 1 in. in diam., projecting 33 ins. above ground, firmly set in ground, and mound of stone properly marked on brass cap, and witnessed by a mound of stone N.E. of post, and one properly marked bearing tree, a juniper N. 88 $\frac{1}{2}$ $^{\circ}$ E., 161 lks. dist.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, and raise a mound of stone around post, for closing cor. of secs. 5 and 32, marked on brass cap,

T4S R26E
CC S32
S35
T5S
1920

~~WMIR~~

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

Land, mountainous.

Soil, rocky, malpais formation, 4th rate.

Timber, scattering cedar and juniper.

Undergrowth, dense catclaw, ocotillo, and other cactus.

Beyond the above described closing cor., this township lies entirely within the White Mountain Indian Reservation, the survey of which portion is not included on the instructions for Group III, Arizona.

Survey of part of Subdivision lines of T. 5 S., R. 26 E. 19

Chains.

From the standard cor. of secs. 35 and 36 on S. bdy. of Tp. (1st. Std. Parallel S.), hereinbefore described, N.0°01'W., bet. secs. 35 and 36.

Over mountainous land, thru. dense undergrowth.

Descend 25 ft., over SW. slope.

4.00 Gully, 20 lks. wide, course SW.

Ascend 76 ft. over SW. slope, to

9.70 Point of spur, slopes SW.

Descend 28 ft., over NW. slope.

12.73 Gulch, course SW.

Ascend 46 ft., over S. slope.

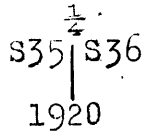
15.40 Spur, slopes SW.

Descend 39 ft., over NW. slope.

20.86 Gulch, 10 lks. wide, course W.

Ascend 110 ft. over SW. slope, to

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



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

Ascend 57 ft., over S. slope.

46.60 Spur, slopes W.

Descend 24 ft., over NW. slope.

55.00 Ascend slightly over SW. slope.

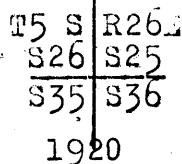
60.70 Spur, slopes W.

Descend 276 ft., over NW. slope.

78.44 Gulch, course W.

Ascend 26 ft., over S. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for cor. of secs. 25, 26, 35 and 36, marked on brass cap,



Deposit a stone, marked with a cross (x) at base of post.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering small cedar.

Undergrowth, dense scrub oak, scrub palo verde, ocotillo and other cacti.

40.00 S. 89°46' E., on a random line, bet. secs. 25 and 36.

Set temp. 1/4 sec. cor.

79.82 Fall 22 lks. S. of the cor. of secs. 25, 30, 31 and 36, on E. bdy. of Tp., which is a 2-in. iron post, projecting 18 ins. above ground, firmly set in ground, and mound of stone, properly marked on brass cap, and witnessed by a mound of stone, W. of cor., and one properly marked bearing tree, a catclaw, S. 55°W., 287 lks. dist.

Thence,

N. 89°55' W., on a true line, bet. secs. 25 and 36.

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

Ascend 287 ft., over SE. slope.

12.90 SW. end of ridge, bearing NE. and SW.

Descend 300 ft., over W. slope.

26.80 Gulch, 50 lks. wide, course S. Trail, hrs. N. and S.

Ascend 213 ft. over E. slope, to 1/4 sec. cor.

Chains.

33.57 Shaft of Ben Hur mine, brs.N. about 250 lks.dist.
 39.91 Mark a cross (x) on bed rock, and over same set an iron post, 3 ft. long, 1 in. in diam., supported in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 25
 S 36
 1920

44.14 Ascend 116 ft., over E.slope.
 Ridge, brs.N. and S.
 47.70 Descend 135 ft., over steep W.slope, to
 Head of gulch, course NW.
 Descend 105 ft., over N.slope, to
 54.35 Spur, slopes NW.
 Descend 560 ft., over SW. and S. slopes to sec.cor.
 58.82 Prospect hole, 5 lks.N.of line.
 79.82 The cor.of secs.25,26, 35 and 36.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering small pine and cedar.
 Undergrowth, dense scrub oak, scrub palo verde, ocotillo,
 and other cacti.

N.0°01'W., bet. secs. 25 and 26.
 Over mountainous land, thru. very scattering timber and dense undergrowth.

2.55 Ascend 28 ft., over S.slope.
 Point of spur, slopes W.
 Descend 104 ft., over NW.slope.
 9.26 Gulch, course W.
 Ascend 103 ft., over SW.slope.
 14.07 Point of spur, slopes W.
 Descend 85 ft., over NW.slope.
 20.00 Gulch, 20 lks.wide, course W.
 Ascend 138 ft., over SW.slope.
 26.58 Point of spur, slopes W.
 House brs. S.20°W., about 15 chs.dist.
 Descend 98 ft. over NW.slope.
 30.17 Gulch, course W.
 Ascend 145 ft., over S. slope.
 37.84 Point of spur, slopes W.
 Descend 5 ft. over NW.slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$
 S26 | S25
 1920

and raise a mound of stone 4 ft.base, 2 ft.high, W.of cor.
 Descend 120 ft., over NW.slope.
 56.75 Gulch, 70 lks.wide, course SW. Road brs.NE. and SW.
 Ascend 125 ft., over SE.slope, to
 75.20 Gulch, 16 lks.wide, course SE.
 Ascend 63 ft., over SW, slope, to
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., on bed rock, supported in a mound of stone, for cor.of secs. 23,24, 25 and 26, marked on brass cap,

Part of Subdivision lines of Township 5 South, Range 26 East. 21

Chains.

T5S	R26E
S23	S24
S26	S25

1920

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, very scattering small cedar.
Undergrowth, dense scrub oak and cacti.

40.00
79.86

S. 89° 55' E., on a random line, bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.
Fall 7 lks. N. of the cor. of secs. 19, 24, 25 and 30, on E.
bdy. of Tp., which is a 2-in. iron post, projecting
26 ins. above ground, properly marked on brass cap,
firmly set in ground and mound of stone, and witnessed
by a mound of stone, W. of cor.

7.10
21.00
39.93

Thence,
N. 89° 52' W., on a true line, bet. secs. 24 and 25.
Over mountainous land, thru. scattering timber and dense
undergrowth.
Descend 76 ft., over W. slope.
Gulch, course S. Asc. 145 ft., over E. slope.
Spur, slopes S. Desc. 125 ft., over W. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
on brass cap,

$\frac{1}{4}$	S 24
	S 25
	1920

49.35
56.20
67.80
73.42
76.16
79.86

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
From this cor., Watson's ranch house brs. S. 14° E. about
20 chs. dist.
Bear Spring brs. S. 24° E. about 15 chs. dist., to the west
of which is a corral.
Descend 183 ft., over W. slope.
Gulch, course S.
Ascend 94 ft., over E. slope.
Spur, slopes S.
Descend 74 ft., over SW. slope.
Gulch, 10 lks. wide, course S.
Ascend 70 ft., over SE. slope.
Point of spur, slopes S.
Descend 55 ft. over SW. slope to sec. cor.
Wire fence, brs. NW. and SE.
The cor. of secs. 23, 24, 25 and 26.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering small cedar.
Undergrowth, dense scrub oak, ocotillo and other cacti.

1.70
15.00
34.00
40.00

N. 6° 01' W., bet. secs. 23 and 24.
Over mountainous land, thru. very scattering timber and
dense undergrowth.
Ascend 1140 ft., over broken SW. slope to $\frac{1}{4}$ sec. cor.
Wire fence, brs. S. 66° E. and N. 66° W.
Ascent becomes more steep.
Ascend over precipitous ledges. Enter scattering timber.
Foot of cliff, bearing E. and W., facing S. Set an iron
post, 3 ft. long, 1 in. in diam.; on bed rock, supported
in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass
cap,

Chains.

$\frac{1}{4}$
S23 | S24

1920

- 40.76 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend 35 ft., over S. face of cliff. Top of cliff, brs. E. and W. facing S.
- 43.26 Ascend 63 ft., over S. slope. Sharp ridge, brs. NE. and SW.
- 53.27 Descend 345 ft., over NW. slope. Gulch, course W.
- 64.17 Ascend 304 ft., over SW. slope. Point of spur, slopes W.
- 80.00 Descend 500 ft., over broken NW. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap.

T5 S | R26 E
S14 | S13
S23 | S24

1920

Deposit a stone, marked with a cross (x) at base of post. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering small pine in N. 46 chs. No timber in S. 34 chs. Undergrowth, dense scrub oak, ocotillo and other cacti.

- 40.00 S. 89° 52' E., on a random line, bet. secs. 13 and 24. Set temp. $\frac{1}{4}$ sec. cor.
- 79.86 Fall 7 lks. N. of the cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp., which is an iron post, 2 ins. in diam., projecting 21 ins. above ground, properly marked on brass cap, firmly set in ground and mound of stone, and witnessed by a mound of stone, W. of cor., and three properly marked bearing trees as follows:

- A pine, 14 ins. in diam., N. 23° E., 153 lks. dist.
- A pine, 8 ins. in diam., S. 23 $\frac{1}{4}$ ° E., 116 lks. dist.
- A pine, 8 ins. in diam., S. 21° W., 97 lks. dist.

- 7.22 Thence, N. 89° 49' W., on a true line; bet. secs. 13 and 24. Over mountainous land, thru. scattering timber and dense undergrowth. Ascend 355 ft., over E. face of cliffs. Top of cliffs, bearing N. and S., facing E.
- 39.93 Ascend 220 ft., over SE. slope, to Ridge, brs. NE. and SW. Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap.

$\frac{1}{4}$ S 13
S 24
1920

- 59.00 from which, A pine, 4 ins. in diam., brs. N. 21° E., 20 lks. dist., marked $\frac{1}{4}$ S 13 BT. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Descend 373 ft., over steep NW. slope. Gulch, course NE.
- 67.35 Ascend 140 ft., over NE. slope. Descend 401 ft., over steep NW. slope, to
- 79.86 The cor. of secs. 13, 14, 23 and 24.

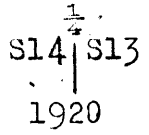
Part of the Subdivision lines of Township 5 South, Range 26 East. 23

Chains.

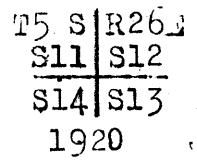
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering cedar and pine.
Undergrowth, dense greasewood, scrub mesquite, ocotillo,
and other cacti.

N.0°01'W., bet. secs.13 and 14.
Over mountainous land, thru scattering timber and dense
undergrowth.

- 17.00 Trail, brs. NE. and SW., crosses a saddle between NW. and SE.
slopes, at about 5 chs. SW.
- 20.70 Ascend 85 ft., over steep S. slope, to
Top of steep S. slope.
- 27.17 Ascend 41 ft., over SE. slope.
- 30.00 Ascend 15 ft., over E. slope, to
Head of gulch, course E.
- 40.00 Ascend 217 ft. over SE. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground to bed rock, supported in a mound of stone,
for $\frac{1}{4}$ sec. cor.; marked on brass cap,



- 46.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Ascend 275 ft., over SE. face of cliffs.
Top of cliffs, bearing N. 70° E. and S. 70° W., facing SE.,
and spur, sloping NE.
- 48.00 Descend 40 ft., over N. slope.
Gulch, 50 lks. wide, course N. 70° E.
- 58.00 Ascend 168 ft., over SE. slope.
Spur, slopes NE.
- 80.00 Descend 526 ft., over NW. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
the ground for cor. of secs. 11, 12, 13 and 14, marked on
brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 3rd and 4th rate.
Timber, scattering cedar and pine.
Undergrowth, dense catclaw, scrub oak, buck brush, manzanita,
ocotillo and other cacti.

- 40.00 S. 89° 49' E., on a random line, bet. secs. 12 and 13.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.06 Fall 5 lks. S. of the cor. of secs. 7, 12, 13 and 18 on E. bdy.
of Tp., which is an iron post, 2 ins. in diam., pro-
jecting 30 ins. above ground, firmly set in ground and
mound of stone, properly marked on brass cap, and wit-
nessed by four properly marked bearing trees as follows:
A pine, 5 ins. in diam., N. 67 $\frac{1}{2}$ ° E., 58 lks. dist.
A pine, 6 ins. in diam., S. 12 $\frac{1}{2}$ ° E., 90 lks. dist.
A pine, 7 ins. in diam., S. 9 $\frac{1}{2}$ ° W., 42 lks. dist.
A pine, 5 ins. in diam., N. 79° W., 59 lks. dist.

Thence,
N. 89° 51' W., on a true line; bet. secs. 12 and 13.
Over mountainous land, thru scattering timber and dense
undergrowth.

24 Part of Subdivision lines of Township 5 South Range 26 East

Chains.

- 1.56 Descend slightly over NW.slope.
Gully, 30 lks.wide, course NE. for 100 lks., thence E.
Ascend 67 ft., over SE.slope, to
- 14.00 Same gully, 10 lks.wide, course SE. near head.
Ascend 313 ft., over SE.slope, to 1/4 sec.cor.
- 27.00 Leave timber, brs.NE. and SW.
- 40.03 Set an iron post, 3 ft.long, 1 in. in diam., 18 ins. in
the ground to bed rock, supported in a mound of stone,
for 1/4 sec.cor., marked on brass cap,

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

S 13
1920

from which,
 A cedar, 6 ins. in diam., brs.S.82°E., 67 lks.
 dist., marked 1/4 S 13 BT.
 A cedar, 6 ins. in diam., brs.N.46°W., 90 lks.
 dist., marked 1/4 S 12 BT.

- 44.30 Ascend 25 ft., over SE.slope.
Spur, slopes NE.
Descend 118 ft., over NW.slope.
- 58.17 Gulch, course NE.
Ascend 312 ft., over E.slope.
- 73.00 Spur, slopes NE.
Descend 158 ft., over NW.slope, to
- 80.06 The cor.of secs.11,12, 13 and 14.
Land, mountainous.
Soil, rocky, 3rd rate.
Timber, scattering pine, cedar and juniper in E.27chs.
No timber in W. 53 chs.
Undergrowth, dense scrub oak, manzanita, scrub mesquite,
catclaw, ocotillo and other cacti.

 N.0°01'W., bet. secs.11 and 12.
 Over mountainous land, thru.scattering timber and dense
 undergrowth.

- 11.50 Descend 300 ft., over NW.slope.
Gulch, 150 lks.wide, course N.60°E.
Ascend 350 ft., over SE.slope.
- 25.53 Point of spur, slopes E.
Descend 345 ft., over NE. slope, to
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground for 1/4 sec.cor., marked on brass cap,

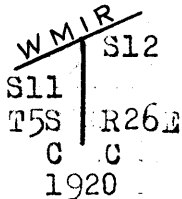
$\frac{1}{4}$
S11 | S12
1920

- 47.00 Raise a mound of stone, 3 ft. base, 2 ft.high, W.of cor.
Descend 72 ft., over NE.slope.
Gulch, 100 lks.wide, course SE.
Ascend 421 ft., over broken SE.slope, to
- 77.64 Main ridge of the Gila Mountains, brs.NE. and SW. Inter-
sect the south bdy.of the White Mountain Indian Reser-
vation at a point on traverse of South bdy.from the
64 1/2 mile mon., as follows:
N.27°E., 1.00 ch.
N.63°E., 2.77 chs.
The 64 1/2 mile mon. is an iron post, 1 in. in diam., project-
ing 16 ins. above ground, firmly set in ground and
mound of stone, properly marked on brass cap, and wit-
nessed by two properly marked bearing trees, as fol-
lows:
A pine, N.42°W., 35 lks.dist.
A pine, N.64 1/2°E., 29 lks.dist.

Part of Subdivision lines of Township 5 South, Range 26 East. 25

Chains.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 11 and 12, marked on brass cap,



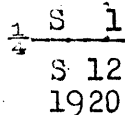
Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering pine, cedar and oak. Undergrowth, dense scrub oak, catclaw, scrub mesquite and scacti.

The cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp. is an iron post, 2 ins. in diam., projecting 36 ins. above ground, properly marked on brass cap, firmly set in a mound of stone, and witnessed by a mound of stone W. of cor., and two properly marked bearing trees, as follows:

- . A cedar, 5 ins. in diam., brs. N. 30 1/4° E., 31 lks. dist.
- . A pine, 12 ins. in diam., brs. N. 78 1/4° W., 16 lks. dist.

Thence, West, on a true line, bet. secs. 1 and 12. Over mountainous land, thru. scattering timber and dense undergrowth.

- 11.14 Descend 296 ft., over steep W. slope. Gulch, course S. A spring brs. S. about 15 chs. dist. Ascend 395 ft., over SE. slope to foot of cliffs.
- 24.00 Leave timber, brs. NE. and SW.
- 32.50 Foot of cliffs, brs. NE. and SW.
- 33.07 Top of cliffs, 50 ft. high, bearing NE. and SW. facing SE. Ascend 75 ft., over SE. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, supported in a mound of stone, for 1/4 sec. cor., marked on brass cap,

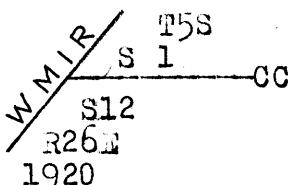


- 41.98 Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor. Ascend 21 ft., over SE. slope. Point of spur, slopes SW., and top of cliffs bearing NE. and SW., facing W. Descend 60 ft., to
- 43.38 Foot of cliffs, brs. NE. and SW. Descend 70 ft., over W. slope, to
- 56.00 Gulch, 50 lks. wide, course SE. Ascend 10 ft., over SE. slope, to
- 60.00 Gulch, 10 lks. wide, course SE. Ascend 100 ft., over SE. slope, to
- 65.75 Foot of cliffs, brs. NE. and SW. Ascend 50 ft., over SE. face of cliffs, to
- 66.27 Top of cliffs, bearing NE. and SW. Ascend 55 ft., over SE. slope, to
- 76.10 Main ridge of the Gila Mountains bears NE. and SW. Intersect the south bdy. of the White Mountain Indian Reservation at a point on traverse of South bdy. from the 6 1/4 mile mon. as follows:
 - N. 27° E., 1.00 ch.
 - N. 63° E., 5.90 chs.
 - N. 52 1/2° E., 1.35 chs.

26 Part of Subdivision lines of Township 5 South, Range 26 East.

Chains.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for closing cor. of secs. 1 and 12, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering pine and cedar in E. 24 chs.; none elsewhere. Undergrowth, dense scrub oak, catclaw, scrub mesquite and cacti.

From the reestablished standard cor. of secs. 34 and 35, on S. bdy. of Tp. (1st Std. Par. S.) hereinbefore described, N. 0° 01' W., bet. secs. 34 and 35.

Over mountainous land, thru. dense undergrowth.

Descend 32 ft. over NW. slope.

10.00 Center of wash, about 8 chs. wide, course SW.

Ascend 31 ft., over SE. slope.

17.20 Ascend 18 ft., over SW. slope.

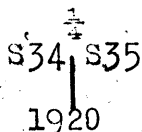
22.25 Descend 6 ft., over NW. slope.

28.20 Wash, 50 lks. wide, course SW.

Ascend 34 ft., over SE. slope to $\frac{1}{4}$ sec. cor.

32.25 Cor. of mining claim (unsurveyed) brs. E. 30 lks. dist., which is a post 4 ins. sqr., 3 ft. above ground, marked SE COR LE on NW. face.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap,



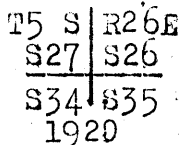
Raise a mound of stone. 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Ascend 292 ft., over SE. slope.

44.00 Dim road, brs. SE. and NW.

63.35 Ridge brs. N. 20° E. and S. 40° W.

Descend 53 ft., over NW. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 26, 27, 34 and 35, marked on brass cap,



from which,

A cedar, 12 ins. in diam., brs. S. 27 $\frac{1}{2}$ ° E., 140 lks. dist., marked T 5 S R 26 E S 35 BT.

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

Soil, rocky, 3rd rate.

Timber, none.

Undergrowth, dense greasewood, scrub mesquite, ocotillo, and other cacti.

Part of Subdivision lines of Township 5 South, Range 26 East. 27

Chains.	
	S. 89° 57' E., on a random line, bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Fall 5 lks. S. of the cor. of secs. 25, 26, 35 and 36.
	Thence,
	N. 89° 59' W., on a true line, bet. secs. 26 and 35.
	Over mountainous land, thru. dense undergrowth.
	Ascend 17 ft., over S. slope.
1.47	Descend 52 ft., over SW. slope, to
6.00	Gulch, 100 lks. wide, course NW.
	Descend 102 ft., over NW. slope.
14.07	Pipe line, brs. N. 20° E. and S. 20° W. Extends from a spring about 10 chs. NE. to the San Juan mine southwesterly, a little over a mile distant.
	A house is located at this spring.
15.00	East or left bank of wash, brs. NE. and SW. Thence across wash, course S. 20° W.
18.07	Road, brs. NE. and SW.
23.00	West, or right bank of wash, brs. NE. and SW. Leave wash. Ascend slightly over SW. slope.
23.07	Corner of mining claim (unsurveyed) brs. N. 46° 20' E., 143 lks. dist., which is a post, 4 ins. sq., 2 $\frac{1}{2}$ ft. above ground, marked NE COR. TIPTOP.
30.17	Wash, 10 lks. wide, course SW.
	Ascend 15 ft., over S. slope, to
36.00	Wash, 50 lks. wide, course S. Continue over S. slope, ascending to
39.60	Wash, 20 lks. wide, course S.
	Ascend slightly over SE. slope, to
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4} \text{ S } 26$ <hr style="width: 50px; margin: auto;"/> $\text{S } 35$ 1920
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
65.50	Ascend 325 ft., over SE. slope. Ridge, brs. NE. and SW.
	Descend 230 ft., over NW. slope, to
80.06	The cor. of secs. 26, 27, 34 and 35.
	Land, mountainous.
	Soil, rocky, 3rd rate.
	Timber, none.
	Undergrowth, dense greasewood, scrub mesquite, ocotillo and other cacti.

	N. 0° 01' W., bet. secs. 26 and 27.
	Over mountainous land, thru. very scattering timber and dense undergrowth.
	Descend 10 ft., over NW. slope.
2.00	Gully, 50 lks. wide, course W.
	Ascend slightly over W. slope.
3.80	Cottonwood Spring, brs. W. 50 lks. dist.
4.00	Gully, 20 lks. wide, course SW.
	Ascend 200 ft., over SW. slope.
19.00	Point of spur, slopes SW.
	Descend 190 ft., over NW. slope.
28.34	Gulch, 50 lks. wide, course W.
	Ascend 11 ft., over W. slope, to
30.00	Gully, course SW.
	Ascend 48 ft., over SW. slope, to
35.00	Gulch, 50 lks. wide, course SW.
	Ascend 30 ft., over SW. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

BOOK 3581

28 Part of Subdivision lines of Township 5 South, Range 26 East.

Chains.

$\frac{1}{4}$
 S27 | S26
 1920

from which,

A cedar, 6 ins. in diam., brs. S. 25° W., 39 lks. dist., marked $\frac{1}{4}$ S 27 BT.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend 10 ft., over W. slope.

42.90 Gulch, 50 lks. wide, course SW.

Ascend 119 ft., over SW. slope, to

56.10 Gulch, 50 lks. wide, course S. 20° W.

Ascend 78 ft., over SW. slope, to

65.00 Gully, course SW.

Ascend 57 ft., over SW. slope, to

70.00 Gulch, 100 lks. wide, course SW.

Ascend 250 ft., over SW. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap,

T53 | R26
 S22 | S23
 S27 | S26
 1920

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

Soil, rocky, 3rd rate.

Timber, very scattering small cedar.

Undergrowth, dense greasewood, scrub mesquite and ocotillo.

40.00 S. 89° 59' E., on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor..

79.94 Fall 11 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence,

S. 89° 56' W., on a true line, bet. secs. 23 and 26.

Over mountainous land, thru. dense undergrowth.

Descend 12 ft., over SW. slope.

1.50 Gully, course S.

Ascend 34 ft., over SE. slope.

6.40 Descend 122 ft., over SW. slope.

24.80 Road in middle of wash, 4 chs. wide, course S. 20° E.

Ascend 180 ft., over E. slope, to

39.97 Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 23
 S 26
 1920

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Ascend 420 ft., over E. slope.

59.90 Large boulder exposed 10x10x12 ft. above ground, on line.

62.50 Ridge, brs. N. and S. a high rock wall brs. NN. about 5 chs.

Descend 60 ft. over W. slope, to

73.82 Top of cliff, brs. S. 70° E. and N. 70° W. facing SW.

Descend 225 ft., over SW. slope, to

79.94 The cor. of secs. 22, 23, 26 and 27.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, dense catclaw, scrub mesquite, greasewood, ocotillo and yucca.

Chains.

N.0°01'W., bet. secs. 22 and 23.
Over mountainous land, thru. very scattering timber and dense undergrowth.

4.00 Ascend 100 ft., over SW. slope, to Top of cliff, bearing E. and W. facing S.

10.00 Ascend 40 ft., over S. slope. Spur, slopes W.

16.00 Descend 107 ft. over NW. slope.

Head of rocky gulch, course SW.

Ascend 168 ft., over S. slope.

30.00 Point of spur, slopes W. Thence over cliffs, facing NW.

Descend 250 ft., to

39.00 Ascend 75 ft., over SW. face of cliffs to point of spur.

40.00 True point for 1/4 sec. cor. falls on face of cliff, where it cannot be properly monumented.

41.59 Point of spur, slopes W.

Descend 30 ft. over NW. slope.

43.43 Gulch, course SW.

Ascend slightly over S. slope, to

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

1/4
S22 | S23
W | C
1920

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

Ascend 430 ft., over S. slope.

Point of spur, slopes W.

Descend 43 ft., over N. slope.

56.00 Gulch, course W.

Ascend 526 ft., over broken S. slope.

71.80 Ridge, brs. SE. and NW.

Descend 130 ft., over rocky NE. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 14, 15, 22 and 23, marked on brass cap,

T5S | R26E
S15 | S14
S22 | S23
1920

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

Soil, rocky granite and malpais formation, 4th rate.

Timber, very scattering pine.

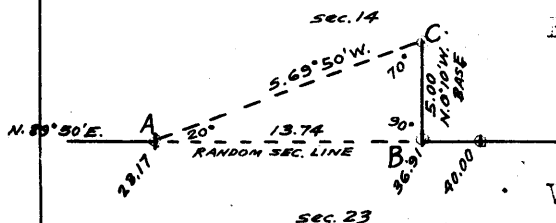
Undergrowth, dense cactus, ocotillo and manzanita.

Bear grass.

23.17 N. 89° 50' E., on a random line, bet. secs. 14 and 23, the objective cor. being visible.

Top of cliff, bearing NW. and SE., facing NE.

The almost perpendicular descent over face of this cliff renders chaining impracticable; therefore, triangulate as described as follows, and as shown on the diagram hereon:



From 23.17 ch. station on random sec. line, indicated on diagram at "A," line in a flag, N. 89° 50' E. at point "B," about 8 chs. beyond foot of cliff. Vertical angle from "A" to "B" is - 29° 20'.

From "B" measure a Base, N. 0° 10' W., 5.00 chs. to point "C."

BOOK 3581

30 Part of Subdivision lines of Township 5 South Range 26 East.

Chains.

- Bearing "C-A" = S.69°50'W.
 Included angles of triangle "A-B-C" are 20°00', 90°00' and 70°00', the sum of which is 180°00'.
 Triangulated measurement of "A-B" is obtained by
 Tang. 70°00' x Base or 2.74748 x 5.00 = 13.74 chs.,
 which, added to 23.17 chs. gives 36.91 chs., N.89°50'E.
 from the cor. of secs. 14, 15, 22 and 23, for the position
 or triangulation point "B."
- 36.91 Triangulation point.
 Continue line and measurement by chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect the cor. of secs. 13, 14, 23 and 24.
 Thence,
 S.89°50'W., on a true line, bet. secs. 14 and 23.
 Over mountainous land, thru. very scattering timber and
 dense undergrowth.
 Descend 270 ft., over NW. slope.
- 17.86 Gulch, course SW.
 Ascend 109 ft., over E. slope.
- 21.57 Trail, brs. N. and S.
- 28.67 Spur, slopes S.
 Descend 147 ft., over W. slope, to
- 39.96 True point for $\frac{1}{4}$ sec. cor. falls in center of wash, 150
 lks. wide, course S.
 Ascend 20 ft., to
- 43.01 Triangulation point. Continue chaining.
- 43.22 Set an iron post, 3 ft. long, 1 in. in diam., over a cross
 (x) marked on surface rock, supported in a mound of
 stone, for witness cor. to the $\frac{1}{4}$ sec. cor., marked on
 brass cap,
- $\frac{1}{4}$ S 14 W C
 S 23
 1920
- A spring brs. N. about 10 chs. dist.
 Ascend 160 ft., over NE. slope to foot of cliff.
- 46.36 Old road, brs. N. and S.
- 48.88 Wire fence, brs. NE and SW.
- 51.20 Foot of cliff, bearing NW. and SE.
 Discontinue chaining. Measurement to top of cliff by
 triangulation.
- 56.75 Ascend 350 ft. over NE. face of cliff, to
 Triangulation point at top of cliff, bearing NW. and SE.
 facing NE.
 Continue line and measurement by chaining,
- 79.92 Ascend 420 ft., over NE. slope, to
 The cor. of secs. 14, 15, 22 and 23.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, very scattering pine.
 Undergrowth, dense scrub oak, ocotillo and manzanita.
-
- N.0°01'W., bet. secs. 14 and 15.
 Over mountainous land, thru. dense undergrowth.
- 7.04 Descend 107 ft., over rocky NE. slope.
 Gulch, course E., near head.
- 18.93 Ascend 133 ft., over S. slope.
 Spur, slopes E.
- 23.78 Descend 86 ft., over N. slope.
 Gulch, course E. near head.
- 28.86 Ascend 192 ft., over S. slope.
 Spur, slopes E.
- 39.92 Descend 168 ft., over NE. slope.
 Head of gulch, course SE.
- 40.00 Ascend 77 ft., over steep SE. slope, to
 Mark a cross (x) on boulder at exact cor. point, and along-
 side set an iron post, 3 ft. long, 1 in. in diam., in

Chains.

crack in rock, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$$\begin{array}{c} \frac{1}{4} \\ S15 | S14 \\ \hline 1920 \end{array}$$

- 61.30 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend 782 ft., over SE. slope.
Ridge, brs. NE. and SW.
63.11 Descend 38 ft., over NW. slope.
Head of gulch, course SW.
73.50 Ascend 222 ft., over SW. slope.
Same ridge, brs. SE. and NW.
80.00 Descend 75 ft., over NE. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for cor. of secs. 10, 11, 14 and 15, marked on brass cap,

$$\begin{array}{c} T5S | R26E \\ S10 | S11 \\ \hline S15 | S14 \\ 1920 \end{array}$$

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, dense scrub oak and manzanita.

- 40.00 N. 89° 50' E., on a random line, bet. secs. 11 and 14.
Set temp. $\frac{1}{4}$ sec. cor.
80.08 Fall 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.
Thence,
S. 89° 47' W., on a true line, bet. secs. 11 and 14.
Over mountainous land, thru. scattering timber and dense undergrowth.
8.40 Descend 176 ft., over NW. slope:
Wash, 30 lks. wide, course N.
Ascend 675 ft., over E. slope.
28.50 Spur, slopes N.
Descend 113 ft., over W. slope.
33.24 Gulch, course N.
Ascend 113 ft., over NE. slope.
37.94 Point of spur, slopes NE.
Descend 36 ft., over NW. slope, to
40.04 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \quad S \quad 11 \\ \hline S \quad 14 \\ 1920 \end{array}$$

from which,

A pine, 6 ins. in diam., brs. N. 53° E., 11 lks. dist., marked $\frac{1}{4}$ S 11 BT.A pine, 8 ins. in diam., brs. S. 60° W., 54 lks. dist., marked $\frac{1}{4}$ S 14 BT.

- 44.77 Descend 160 ft., over NW. slope.
Gulch, course NE.
Ascend 338 ft., over SE. slope, to
58.00 Spur, slopes NE.
Descend slightly over N. slope, to
59.00 Ascend 725 ft. over N. and NE. slope, to
80.08 The cor. of secs. 10, 11, 14 and 15.

Chains.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering pine.
Undergrowth, dense scrub oak, ocotillo and other cacti.

N.0°01'W., bet. secs. 10 and 11.

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

Descend 980 ft., over NE. slope.

29.95 Gulch, course E.

Ascend 237 ft., over SE. slope, to

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

$\frac{1}{4}$
S10 | S11

1920

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

Ascend 645 ft., over SE. slope.

60.36 Spur, slopes SE.

Descend 168 ft., over NE. slope.

68.00 Ascend slightly over E. slope, to

69.60 Main ridge of the Gila Mountains, brs. NE. and SW.

Intersect the South bdy. of the White Mountain Indian Reservation at a point on traverse of South bdy. from the 63 mile mon.; as follows:

N.57 $\frac{1}{2}$ °E., 5.00 chs.

N.21 $\frac{1}{2}$ °E., 8.45 chs.

The 63 mile mon. is an iron post, 3 ins. in diam., projecting 22 ins. above ground, properly marked on brass cap, firmly set in ground and mound of stone, and witnessed by mound of stone, W. of post. At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in ground to bed rock, supported in mound of stone, for closing cor. of secs. 10 and 11, marked on brass cap,

~~N.M.R.~~
S10 | S11

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

C/C

Land, mountainous.

1920

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

Land, mountainous; Soil, rocky, 4th rate.

Timber, scattering cedar of small size, cactus and trees.

Undergrowth, dense catclaw, scrub oak, cactus and tesota.

From the reestablished standard cor. of secs. 33 and 34, on S. bdy. of the Tp. (1st. Std. Par. S.), hereinbefore described,

N.0°02'W., bet. secs. 33 and 34.

Over mountainous land, thru. dense undergrowth.

2.10 Wash, 10 lks. wide, course SW.

Ascend 117 ft., over SE. slope.

10.00 Spur, slopes SW.

Descend 125 ft., over NW. slope.

19.15 Wash, 50 lks. wide, course S.70°W.

Ascend 153 ft., over S. slope.

33.00 Spur, slopes S.70°W.

Descend 90 ft., over N. slope, to

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

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

1920

Part of Subdivision lines of Township 5 South, Range 26 East, 33

Chains.

- and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- 40.50 Wash, 50 lks. wide, course SW.
Dim road follows wash, and extends northeasterly to cotton-wood Spring.
Ascend 138 ft., over SE. slope.
- 57.00 Spur, slopes SW.
Descend 109 ft., over NW. slope.
- 73.00 Wash, 150 lks. wide, course SW.
Dim road, brs. NE. and SW.
Ascend 27 ft., over S. slope, to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone for cor. of secs. 27, 28, 33 and 34, marked on brass cap,

T5S	R26E
S28	S27
S33	S34
1920	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 3rd. rate.
Timber, none.
Undergrowth, dense greasewood, ocotillo and Spanish dagger.

- 40.00 S. 89° 52' E., on a random line, bet. secs. 27 and 34.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Fall 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.
Thence,
N. 89° 55' W., on a true line, bet. secs. 27 and 34.
Over mountainous land, thru. dense undergrowth.
- 4.00 Descend 60 ft., over NW. slope, to
Gully, 30 lks. wide, course SW.
- 7.00 Descend 20 ft., over SW. slope, to
Gully, 50 lks. wide, course SW.
- 9.60 Descend 27 ft., over SW. slope.
- 10.00 Dim road, brs. NE. and SW.
- 21.00 Gulch, 50 lks. wide, course SW.
Descend 89 ft., over S. slope, to
- 32.00 Gulch, 50 lks. wide, course S.
Descend 75 ft., over S. slope, to
- 38.60 Gulch, 50 lks. wide, course SW.
Descend 55 ft., over SW. slope, to
- 40.06 Gulch, 50 lks. wide, course SW.
Ascend 10 ft., over SW. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

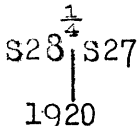
$\frac{1}{4}$ S 27	
S 34	
1920	

- 48.00 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Descend 35 ft., over SW. slope, to
Wash, 20 lks. wide, course SW.
- 61.00 Descend 30 ft., over SW. slope, to
Wash, 50 lks. wide, course SW.
- 63.00 Descend slightly over S. slope.
Wash, 20 lks. wide, course S.
- 68.00 Ascend 70 ft., over SE. slope.
Spur, slopes SW.
- 75.00 Descend 80 ft., over W. slope.
Wash, 150 lks. wide, course SW.
- 78.00 Descend 18 ft., over S. slope to sec. cor.
- 80.12 Dim road, brs. NE. and SW.
The cor. of secs. 27, 28, 33 and 34.

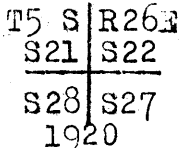
Chains.

Land, mountainous.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, dense greasewood, scrub mesquite, ocotillo, scrub oak and yucca.

- 6.00 N. 0° 02' W., bet. secs. 27 and 28,
Over rolling land, thru. dense undergrowth.
Ascend 46 ft., over S. slope.
- 7.00 Dim road, brs. E. and W.
Mine shaft brs. E. about 5 chs. dist.
Descend 10 ft., over NW. slope.
- 8.00 Prospect hole 10 lks. W. of line.
- 16.50 Gully, 10 lks. wide, course SW.
Ascend 35 ft., over S. slope.
- 21.00 Descend 33 ft., over NW. slope.
- 32.00 Gulch, 100 lks. wide, course SW.
Ascend 90 ft., over SE. slope.
- 37.00 Spur, slopes SW.
Descend 20 ft., over NW. slope.
- 40.00 Gulch, 50 lks. wide, course W.
Ascend 20 ft., over SW. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,



- 45.12 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Ascend 85 ft. over SW. slope.
- 54.00 Spur, slopes SW.
Descend 89 ft., over NW. slope.
- 56.00 Gulch, 50 lks. wide, course SW.
Ascend 40 ft., over E. slope, to
Same gulch, course S. 20° E.
- 60.00 Ascend 28 ft., over W. slope, to
Same gulch, course S. 20° W.
- 65.00 Ascend 90 ft., over E. slope.
Hackelberry Spring in same gulch, bears E., about 2 chs. dist.
- 72.00 Same gulch, course SE.
Ascend 92 ft., over SW. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone, for cor. of secs. 21, 22, 27 and 28, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, none except a few cottonwoods near spring.
Undergrowth, dense ocotillo, greasewood and scrub mesquite.

- 49.00 S. 89° 55' E., on a random line, bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.90 Intersect the cor. of secs. 22, 23, 26 and 27.
Thence,
N. 89° 55' W., on a true line, bet. secs. 22 and 27.
Over mountainous land, thru. dense undergrowth.

Part of Subdivision lines of Township 5 South, Range 26 East. 35

Chains.

25.90 Descend 380 ft., over broken SW.slope.
 Gulch, 75 lks.wide, course S.
 Ascend 146 ft., over E.slope.

35.04 Ridge, brs.NE. and SW.
 Descend 100 ft., over NW.slope, to

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

S 22
 S 27
 1920

raise a mound of stone, 3 ft.base, 2 ft.high, N.of cor.
 Descend 230 ft., over broken NW.slope.

63.71 Gulch, 100 lks.wide, course SW.
 Ascend 107 ft., over SE.slope, to

79.90 The cor.of secs.21,22, 27 and 28.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, scrub mesquite, ocotillo
 and other cacti.

 N.0° 02' W., bet. secs.21 and 22.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.

4.45 Descend 40 ft., over NW.slope.
 Rocky gulch, 75 lks.wide, course SW.
 Ascend 245 ft., over SE.slope.

20.75 Ridge, brs.NE. and SW.
 Descend 94 ft. over NW.slope.

27.38 Gulch, 20 lks.wide, course SW.
 Ascend 177 ft., over SW.slope, to

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

$\frac{1}{4}$
 S21 | S22
 1920

Raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor.
 Ascend 311 ft., over SW.slope.

64.55 Spur, slopes SW. from E.
 Descend 90 ft., over NW.slope.

70.86 Gulch, course W.
 Ascend 82 ft., over rocky SW.slope, to

80.00 Set an iron post, 3 ft.long, 2 ins. in diam., on bedrock,
 supported in a mound of stone, for cor.of secs.15,16,
 21 and 22, marked on brass cap,

T5 S | R26 E
 S16 | S15
 S21 | S22
 1920

raise a mound of stone, 3 ft. base, 2 ft.high, W.of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering small cedar.
 Undergrowth, dense greasewood, scrub mesquite, ocotillo
 and other cacti.

 S. 69° 55' E., on a random line, bet. secs.15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.

Chains.	
80.06	Fall 23 lks.S. of the cor. of secs.14,15,22 and 23. Thence, S.89°55'W., on a true line, bet. secs.15 and 22. Over mountainous land, thru.scattering timber and dense undergrowth. Ascend 566 ft., over E.slope.
13.13	Ridge, brs.N. and S. Descend 380 ft., over W.slope.
23.76	Gulch, course S.20°E. Ascend 376 ft., over E.slope.
33.86	Ridge, brs.N.30°E., and S.30°W. Descend 276 ft., over W.slope, to
40.03	Set an iron post, 3 ft.long, 1 in. in diam., 14 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap.
	$\frac{1}{4}$ S 15 S 22 1920
80.06	Raise a mound of stone 3 ft.base, 2-ft.high, N.of cor. Descend 885 ft. over broken SW.slope, to The cor. of secs.15,16,21 and 22. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering small pine. Undergrowth, dense sagebrush, greasewood, scrub oak, ocotillo and other cacti.

	N.0°02'W., bet. secs. 15 and 16. Over mountainous land, thru.dense undergrowth.
6.90	Ascend 222 ft., over broken SW. slope, to Foot of cliff, brs:E. and W.
7.50	Ascend 60 ft., over S.face of cliff. Top of cliff, brs. E.and W.
15.20	Ascend 275 ft., over a series of cliffs, bearing E. and W. facing S.
16.80	Top of cliffs, brs. E. and W. Ascend 15 ft. over S.slope.
21.75	Ridge, brs.E. and W. Descend 70 ft. over rocky N.slope.
27.28	Gulch, course W. Ascend 70 ft., over S.slope.
35.12	Spur, slopes W. Descend 260 ft., over N.slope.
38.14	Gulch, course NW. Ascend 35 ft., over SW.slope.
40.00	Descend 90 ft., over NW.slope, to Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$\frac{1}{4}$ S16 S15 1920
43.20	Raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor. Descend 85 ft., over NW.slope.
53.20	Gulch, 150 lks.wide, course W. Ascend 202 ft., over S.slope.
58.20	Spur, slopes SW. Descend 30 ft., over NW. slope.
64.35	Gulch, course SW. Ascend 130 ft., over S.slope.
66.47	Spur, slopes SW. Descend 82 ft., over NW, slope. Gulch, course SW. Ascend 248 ft., over S.slope.

Part of Subdivision lines of Township 5 South, Range 26 East.

Chains.

- 75.36 Spur, slopes SW.
Descend 80 ft., over NW. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,

T5 S	R26
S 9	S10
S16	S15
1920	

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, dense sagebrush, scrub oak and cacti.

- 40.00 N. 89° 55' E., on a random line, bet. secs. 10 and 15.
Set temp. $\frac{1}{4}$ Sec. cor.
79.80 Fall 32 lks. N. of the cor. of secs. 10, 11, 14 and 15.
Thence,
N. 89° 51' W., on a true line, bet. secs. 10 and 15.
Over mountainous land, thru. scattering timber and dense undergrowth.
Ascend 139 ft., over NE. slope.
3.09 Ridge, brs. NW. and SE.
Descend 900 ft., over rocky SW. slope, to
39.90 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

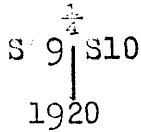
$\frac{1}{4}$ S	10
$\frac{1}{4}$ S	15
1920	

- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Descend 90 ft., over W. slope.
42.30 Gulch, course SW. A spring is located in this gulch at about 150 lks. NE.
Ascend 344 ft., over E. slope.
51.14 Spur, slopes S. from NE.
Descend 625 ft., over NW. slope.
65.66 Gulch, course SW.
Ascend 18 ft. over SE. slope.
68.85 Descend 45 ft. over S. slope.
74.80 Ascend 12 ft., over S. slope, to
79.80 The cor. of secs. 9, 10, 15 and 16.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering pine and cedar.
Undergrowth, dense greasewood, ocotillo and other cacti.

- N. 0° 02' W., bet. secs. 9 and 10.
Over mountainous land, thru. scattering timber and dense undergrowth.
Ascend 30 ft., over S. slope.
2.55 Spur, slopes W. from NE.
Descend 74 ft., over NW. slope.
6.80 Head of gulch, course W.
Ascend 75 ft., over S. slope.
11.90 Spur, slopes W.
Descend 114 ft., over NW. slope, to
20.69 Gulch, course SW.
Ascend 68 ft., over SE. slope, to
24.55 Foot of almost perpendicular cliff, brs. E. and W. facing S.

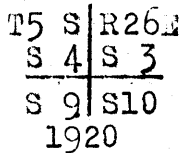
Chains.

25.00 Ascend 160 ft. to Top of cliff, brs. E. and W.
 40.00 Ascend 290 ft., over steep broken S. slope, to Point of spur, sloping S. Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,



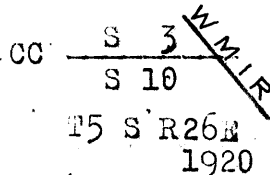
and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

45.73 Ascend 185 ft., along top of spur, sloping S. Leave top of spur. Descend slightly along W. slope, near top of spur, E. of line.
 55.70 Ascend 657 ft. along steep W. slope from spur, the top of which is about 2 chs. E. of line.
 80.00 Ravine, course S. 5° W., near head. Set an iron post, 3 ft. long, 2 ins. in diam., on bedrock, supported in a mound of stone, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering small cedar. Undergrowth, dense catclaw, cactus and tesota.

2.22 East, on a true line, bet. secs. 3 and 10. Over mountainous land, thru. dense undergrowth. Ascend 123 ft., over W. slope.
 10.70 Spur, slopes S. Descend 50 ft., over SE. slope.
 13.65 Thence along S. slope, ascending gradually to Main ridge of the Gila Mountains, brs. NW. and SE. Intersect the South bdy. of the White Mountain Indian Reservation at a point on traverse of South bdy. from the 62 mile mon., as follows:
 S. 11 $\frac{1}{2}$ ° E., 2.25 chs.
 S. 31 $\frac{1}{2}$ ° E., 0.20 chs.
 S. 60 $\frac{1}{2}$ ° E., 4.30 chs.
 S. 53 $\frac{1}{2}$ ° E., 2.87 chs.
 The 62 mile mon. is an iron post, 3 ins. in diam., projecting 29 ins. above ground, properly marked on brass cap, firmly set in ground and mound of stone, and witnessed by a mound of stone E. of cor.
 At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for closing cor. of secs. 3 and 10, marked on brass cap,

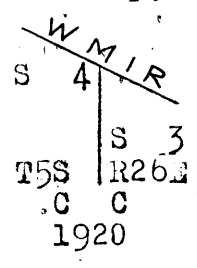


Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, dense greasewood, ocotillo and other cacti.

Part of the Subdivision lines of T. 5 South, Range 26 East. 39

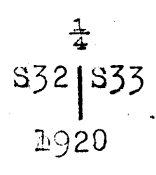
Chains.

N. 0°02'W., on a true line, bet. secs. 3 and 4.
 Over mountainous land, thru. dense undergrowth.
 Ascend 27 ft., over S. slope, to
 .73 Ridge, brs. NE. and SW.
 Descend 170 ft., over steep rocky N. slope.
 5.02 Ascend 160 ft., over SW. slope.
 12.64 Indian Reservation fence, brs. E. and W.
 15.15 Main ridge of the Gila Mountains, brs. NW. and SE.
 Intersect the South bdy. of the White Mountain Indian
 Reservation at a point on traverse of South bdy. from
 the 62 mile mon., as follows:
 N. 14°W., 2.20 chs.
 N. 75 1/2°W., 2.00 chs.
 N. 39 1/2°W., 1.50 chs.
 N. 25 1/2°W., 1.60 chs.
 N. 9 1/2°W., 2.30 chs.
 N. 59 1/2°W., 2.90 chs.
 At point of intersection, set an iron post, 3 ft. long, 2
 ins. in diam., 18 ins. in the ground to bed rock, sup-
 ported in a mound of stone, for closing cor. of secs. 3
 and 4, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, ocotillo and other cacti.

From the reestablished standard cor. of secs. 32 and 33, on
 S. bdy. of Tp. (1st Std. Par. S.), hereinbefore described,
 N. 0°02'W., bet. secs. 32 and 33.
 Over rolling land, thru. dense undergrowth.
 Descend slightly over NW. slope.
 .55 Wash, 10 lks. wide, course SW.
 Ascend 46 ft., over SE. slope.
 10.00 Low ridge, brs. NE. and SW. Old road brs. NE. and SW.
 Descend 26 ft., over NW. slope.
 23.57 Wash, 100 lks. wide, course SW.
 Ascend 70 ft., over SE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bed rock, supported in a mound of stone
 for 1/4 sec. cor., marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Leave rolling, and enter mountainous land.
 Ascend 37 ft., over SE. slope.
 43.46 Point of spur, slopes E.
 Descend 72 ft., over NE. slope.
 49.90 Gulch, 50 lks. wide, course SE.
 Ascend 146 ft., over SW. slope.
 64.25 Point of spur, slopes W.
 Descend 57 ft., over NW. slope.
 77.90 Gulch, 20 lks. wide, course SW.
 Ascend 40 ft., over SE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock,
 supported in a mound of stone, for cor. of secs. 28, 29.

BOOK 3581

40 Part of Subdivision lines of Township 5 South Range 26 East

Chains.

32 and 33, marked on brass cap,

T5 S	R26 E
S29	S28
S32	S33

1920

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, S. $\frac{1}{2}$ rolling; N. $\frac{1}{2}$ mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, scrub palo verde, ocotillo
 and other cacti.

- 40.00 East, on a random line, bet. secs. 28 and 33.
- Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect the cor. of secs. 27, 28, 33 and 34.
- Thence,
- West, on true line, bet. secs. 28 and 33.
- Over mountainous land, thru. dense undergrowth.
- Ascend 80 ft., over S. and SE. slopes.
- 6.80 Point of short spur, slopes S.
- Descend 5 ft., over SW. slope.
- 9.30 Ascend 17 ft. over S. slope.
- 14.32 Point of spur, slopes SW.
- Descend 185 ft., over W. slope.
- 27.88 Old graded road, brs. NE. and SW.
- 29.75 Gulch, 20 lks. wide, course SW.
- Ascend 84 ft. over SE. slope.
- 37.50 Spur, slopes SW.
- Descend 11 ft., over W. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
 supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,

$\frac{1}{4}$ S	28
S	33

1920

- 49.74 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Descend 128 ft., over W. slope.
- 62.10 Gulch, 75 lks. wide, course S.
- Ascend 100 ft., over E. slope.
- 77.24 Ridge, brs. N. and S.
- Descend 90 ft., over W. slope.
- 80.00 Gulch, 20 lks. wide, course SW.
- Ascend 30 ft., over SE. slope, to
- The cor. of secs. 28, 29, 32 and 33.
- Land, mountainous.
- Soil, rocky, 4th rate.
- Timber, none.
- Undergrowth, dense greasewood, scrub mesquite, ocotillo
 and other cacti.

- 30.00 N. 0° 02' W., bet. secs. 28 and 29.
- Over mountainous land, thru. dense undergrowth.
- Ascend 170 ft., over SE. slope.
- Point of spur, slopes SE.
- 40.00 Descend 40 ft., over NE. slope, to
- Set an iron post, 3 ft. long, 1 in. in diam., on bed rock
 supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,

S29	S28
-----	-----

1920

Part of Subdivision lines of Township 5 South Range 26 East 41

Chains. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Descend 23 ft. over NE. slope.
 45.00 Thence along E. slope.
 Ascend 18 ft.
 49.00 Descend 15 ft.
 64.00 Ascend 12 ft.
 68.00 Descend 9 ft.
 69.40 Wash, 100 lks. wide, course S. 25° E.
 Ascend 21 ft., over S. slope.
 73.00 SW. end of ridge, bearing NE. and SW.
 Descend 10 ft., over NE. slope.
 74.63 Same wash, course SW.
 Ascend 23 ft., over SE. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in
 the ground, to bed rock, supported in a mound of stone,
 for cor. of secs. 20, 21, 28 and 29, marked on brass cap.

T5S	R26E
S20	S21
S29	S28

1920

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, scrub mesquite, ocotillo,
 and other cacti.

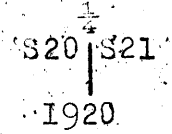
East, on a random line, bet. secs. 21 and 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Fall 10 lks. S. of the cor. of secs. 21, 22, 27 and 28.
 Thence,
 S. 89° 56' W., on a true line, bet. secs. 21 and 28.
 Over mountainous land, thru. dense undergrowth.
 Descend 89 ft., over W. slope.
 5.25 Gulch, course S.
 Ascend 68 ft., over E. slope.
 15.60 Ridge, brs. NE. and S.
 Descend 114 ft., over NW. slope.
 22.56 Gulch, course SW.
 Ascend 40 ft., over SE. slope.
 36.25 Spur, slopes SW.
 Descend 68 ft., over W. slope, to
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
 the ground to bed rock, supported in a mound of stone,
 for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	S 21
	S 28

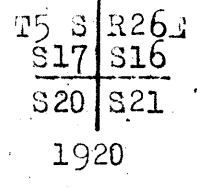
1920

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Descend 27 ft., over W. slope.
 40.70 Gully, course SW.
 Ascend 40 ft., over SE. slope.
 50.30 Spur, slopes SW.
 Descend 52 ft. over W. slope.
 55.30 Ascend 66 ft., over SE. slope.
 67.20 Ridge, brs. NE. and SW.
 Descend 118 ft., over NW. slope.
 78.10 Wash, course SW.
 Ascend 23 ft., over SE. slope, to
 80.10 The cor. of secs. 20, 21, 28 and 29.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, scrub mesquite, ocotillo, and
 other cacti.

Chains. N. 9° 02' W., bet. secs. 20 and 21.
 Over mountainous land, thru. dense undergrowth.
 Ascend 180 ft., over SE. slope.
 18.17 Ridge, brs. N. 10° E. and S. 10° W.
 Descend 6 ft., over W. slope, to
 23.17 Descend 65 ft., over NW. slope.
 28.00 Gulch, 50 lks. wide, course SW.
 Ascend 72 ft., over SE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bed rock, supported in a mound of stone,
 for $\frac{1}{4}$ sec. cor., marked on brass cap,

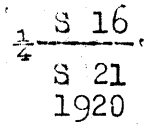


Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Enter very scattering timber.
 Ascend 218 ft., over E. slope, to
 79.50 Head of gulch, course S. 10° E.
 Ascend slightly over E. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
 the ground for cor. of secs. 16, 17, 20 and 21, marked on
 brass cap,



from which,
 A cedar, 8 ins. in diam. brs. S. 21 $\frac{1}{2}$ ° W., 119 lks.
 dist., marked T5S R26E S20-BT.
 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 3rd and 4th rate.
 Timber, very scattering small cedar in N. $\frac{1}{2}$. No timber,
 in in S. $\frac{1}{2}$.
 Undergrowth, dense greasewood, catclaw, ocotillo, tesota,
 and Spanish dagger.

40.00 N. 39° 56' E., on a random line, bet. secs. 16 and 21.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Fall 29 lks. N. of the cor. of secs. 16 and 21.
 Thence,
 N. 39° 52' W., on a true line, bet. secs. 16 and 21.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 Descend 26 ft., over SW. slope, to
 2.00 Head of gulch, 30 lks. wide, course S. 30° W.
 Descend 207 ft. over SW. slope, to
 13.00 Same gulch, course S. 80° W. from S. 80° E.
 Descend 165 ft., over SW. slope, to
 26.60 Same gulch, course SW. from S. 80° E.
 Descend 65 ft., over SW. slope, to
 33.00 Enter same gulch, course W. from S. 70° E.
 Descend 20 ft., in gulch, to
 35.00 Leave gulch, course N. 70° W. from E.
 Descend 40 ft., over NW. slope, to
 40.06 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
 supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,



raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Part of Subdivision lines of Township 5 South, Range 26 East. 43

Chains.

- 42.00 Descend 28 ft., over NW.slope.
 - Same gulch, 100 lks.wide, course SW.
 - Descend 10 ft., over SW.slope, to
 - 44.00 Gulch, 50 lks.wide, course SW.
 - Ascend 30 ft., over SW.slope, to
 - 58.00 Gulch, 50 lks.wide, course SW.
 - Ascend 18 ft., over S.slope, to
 - 62.00 Gulch, 10 lks.wide, course S.10°E.
 - Ascend 63 ft., over SE.slope, to
 - 71.00 Gulch, course SE.
 - Ascend 30 ft., over E.slope.
 - 75.00 Low ridge, brs. NW. and S.
 - Descend 34 ft., over SW.slope, to
 - 80.12 The cor. of secs. 16, 17, 20 and 21.
- Land, mountainous.
Soil, rocky, 3rd and 4th rate.
Timber, scattering small cedar.
Undergrowth, dense greasewood, catclaw, ocotillo, to to.
and Spanish dagger.

N.0°02'W., bet. secs. 16 and 17.
Over mountainous land, thru. very scattering timber and
dense undergrowth.

- 7.00 Ascend 90 ft., over SW.slope.
- Low ridge, brs. NW. and SE. Thence along E.slope.
- Ascend 98 ft., to
- 25.00 Same ridge, brs. E. and SW.
- Descend 73 ft., over NW.slope, to
- 32.20 South or left bank of wash, brs. NE. and SW. Thence across
wide wash, course SW.
- 40.00 Near middle of wash, about 12 cns.wide, course SW. Set
an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground, to bed rock, supported in a mound of stone
for $\frac{1}{2}$ sec. cor., marked on brass cap,

s17 | s16

1920

- 47.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Continue across bottom of wide wash, course SW.
- North or right bank of wash, brs. NE. and SW. Leave wash.
- Ascend 74 ft., over SE.slope.
- 50.50 Spur, slopes SW.
- Descend 103 ft., over NW.slope.
- 57.50 Wash, 25 lks.wide, course W. from NE.
- Ascend 50 ft., over S.slope.
- 64.00 Point of spur, slopes SW.
- Descend 11 ft., over NW.slope.
- 64.90 Gulch, 75 lks.wide, course SW.
- Ascend 183 ft., over SE.slope.
- 77.72 Ridge, brs. NE. and SW.
- Descend 35 ft., over NW.slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in
the ground to bed rock, supported in a mound of stone,
for cor. of secs. 8, 9, 16 and 17, marked on brass cap,

T5 S | R26E

S 8 | S 9

s17 | s16

1920

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, very scattering small cedar.

BOOK 3581

14 Part of Subdivision lines of Township 5 South Range 26 East.

Chains.

Undergrowth, dense greasewood, ocotillo and other cacti.

- 40.00 S. 39°52'E., on a random line, bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.80 Fall 8 lks. S. of the cor. of secs. 9, 10, 15 and 16.
Thence,
N. 89°55'W., on a true line, bet. secs. 9 and 16.
Over mountainous land, thru. very scattering timber and
dense undergrowth.
- 2.20 Descend 10 ft., over SW. slope.
Rim, brs. N. and S.
- 13.40 Descend 277 ft., over broken W. slope.
Gulch, course S.
- 29.30 Ascend 396 ft., over broken E. slope.
Spur, slopes S.
- 39.90 Descend 190 ft., over W. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
brass cap,

$$\begin{array}{c} \frac{1}{4} \text{ S } 9 \\ \text{S } 16 \\ 1920 \end{array}$$

- 70.20 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Descend 570 ft., over W. slope.
Gulch, course SW.
- 77.60 Ascend 104 ft., over SE. slope.
Ridge, brs. NE. and SW.
- 79.80 Descend 68 ft., over NW. slope, to
The cor. of secs. 8, 9, 16 and 17.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, very scattering small cedar.
Undergrowth, dense greasewood, ocotillo and other cacti..

- N. 0°02'W., bet. secs. 8 and 9.
Over mountainous land, thru. dense undergrowth.
Descend 20 ft., over NW. slope.
- 4.49 Ascend 30 ft., over W. slope.
- 8.45 Descend 18 ft., over NW. slope.
- 11.93 Gully, course SW.
Ascend 565 ft., over S. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 8 \text{ S } 9 \\ 1920 \end{array}$$

- 44.20 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Ascend 100 ft., over S. slope.
Spur, slopes SW.
- 49.10 Descend 70 ft., over NW. slope.
Head of gulch, course W.
- 51.80 Ascend 35 ft., over SW. slope.
Spur, slopes W.
- 53.22 Descend 274 ft., over N. slope.
Drift fence, brs. E. and W.
- 71.80 Gulch, 50 lks. wide, course W.
Ascend 92 ft., over SW. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock,
supported in a mound of stone, for cor. of secs. 4, 5, 8
and 9, marked on brass cap.

Part of Subdivision lines of Township 5 South, Range 26 East. 45

Chains.

T5 S	R26 E
S 5	S 4
S 8	S 9
1920	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, scrub mesquite, ocotillo and other cacti.

40.00 S. 89°55' E., on a random line, bet. secs. 4 and 9.
 79.56 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 35 lks. N. of the cor. of secs. 3, 4, 9 and 10.
 Thence,
 N. 89°40' W., on a true line, bet. secs. 4 and 9.
 Over mountainous land, thru. very scattering timber and dense undergrowth.
 Ascend 29 ft., over SE. slope.
 .56 Sharp ridge, brs. NE. and SW.
 Descend 1012 ft., over a series of cliffs and ledges, sloping NW.
 23.60 Gulch, course S. 70° W.
 Ascend 175 ft., over SE. slope, to
 39.78 Spur, slopes SW. Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap;

$\frac{1}{4}$	S 4
S 9	
1920	

51.74 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Descend 186 ft., over W. slope.
 Gulch, course S. 25° W.
 Ascend 57 ft., over E. slope.
 55.65 Point of spur, slopes SE.
 Descend 380 ft., over SW. slope.
 79.56 The cor. of secs. 4, 5, 8 and 9.
 Land, mountainous.
 Soil, rocky, 4th rate
 Timber, very scattering small cedar.
 Undergrowth, dense scrub oak, manzanita, ocotillo and other cacti.

N. 0°02' W., on a true line, bet. secs. 4 and 5.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 320 ft., over SW. slope, to
 11.00 Ascend 252 ft., over cliffs facing SW,
 21.08 Spur, slopes NW.
 Descend 94 ft. over NE. slope.
 34.35 Gulch, course NW.
 Ascend 146 ft., over SW. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	S 5	S 4
1920		

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

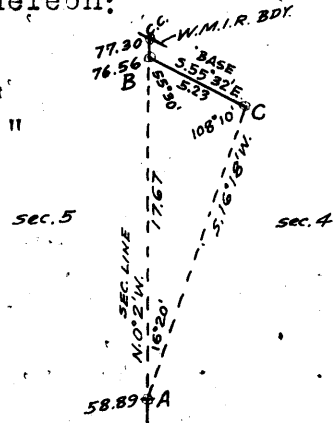
BOOK 3581

46 Part of Subdivision lines of Township 5 South, Range 26 East.

Chains.

Ascend 42 ft., over SW. slope.
 43.23 Point of spur, slopes W.
 Descend 102 ft., over N. slope.
 47.95 Gulch, course W.
 Ascend 353 ft., over SW. slope, to
 58.89 Beyond this point, the sec. line passes over cliffs facing SW., which are too steep and broken to allow accurate chaining; therefore, triangulate as described as follows, and as shown on the diagram hereon:

From 58.89 ch. station, indicated on diagram at "A," line in a flag "B," at top of cliffs, N. 0° 2' W. from "A."
 From "B" measure a Base, S. 55° 32' E., 5.23 chs. to point "C."
 Bearing "C-A" = S. 16° 18' W.
 Vertical angle from "A" to "B" is + 20°.
 Included angles of triangle "A-B-C" are 16° 20', 55° 30' and 108° 10' the sum of which is 180° 00'.

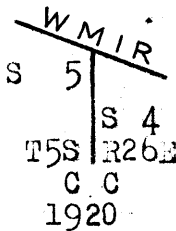


Triangulated measurement of "A-B" is obtained by $\frac{\text{sine } 108^{\circ} 10' \times \text{Base}}{\text{sine } 16^{\circ} 20'}$ or $\frac{.95015 \times 5.23}{.28123} = 17.67$ chs., which added to 58.89 chs. gives 76.56 chs. N. 0° 2' W. from cor. of secs. 4, 5, 8 and 9, for the position of triangulation point "B."

76.56 Triangulation point at top of cliffs, bearing NW. and SE. facing SW., 425 ft. above 58.89 ch. station. Continue line and measurement by chaining.

Ascend slightly over SW. slope, to
 77.30 Main ridge of the Gila Mountains, brs. NW. and SE. Intersect the South bdy. of the White Mountain Indian Reservation at a point 5.73 chs. N. 55½° W. from the 60½ mile mon., which is an iron post 1 in. in diam., projecting 33 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap, and witnessed by mound of stone N.E. of post, and one properly marked bearing tree.

A juniper, N. 88½° E., 161 lks. dist.
 At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for closing cor. of secs. 4 and 5, marked on brass cap,



Raise a mound of stone 3 ft. base, 2 ft. high, S. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering cedar of small size. Undergrowth, dense greasewood, scrub mesquite and scrub cedar.

From the reestablished standard cor. of secs. 31 and 32, on S. bdy. of Tp. (1st Std. Par. S.), hereinbefore described, N. 0° 03' W., bet. secs. 31 and 32. Over rolling land, thru. dense undergrowth. Descend 15 ft., over NW. slope.
 2.30 Wash, 10 lks. wide, course SW.
 Ascend 250 ft., over SE. slope.
 32.00 Spur, slopes SW.

Part of subdivision lines of Township South, Range 26 East, 47

Chains.

40.00 Descend 50 ft., over NW. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
S31 | S32
1920

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

45.50 Descend 74 ft. over NW. slope.
Gully, course SW.

49.00 Ascend 37 ft. over S. slope.

Point of spur, slopes SW.

56.00 Descend 34 ft. over NW. slope.

Gully, 30 lks. wide, course SW.

Ascend 75 ft., over S. slope.

67.25 Point of spur, slopes SW.

Descend 50 ft., over NW. slope.

75.00 Wash, 50 lks. wide, course SW.

Ascend 46 ft., over SE. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 25 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap,

T5S | R26E
S30 | S29
S31 | S32
1920

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

Land, rolling.

Soil, rocky, 3rd and 4th rate.

Timber, none.

Undergrowth, dense greasewood, scrub mesquite, catclaw and ocotillo.

40.00 East, on a random line, bet. secs. 29 and 32.

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

80.48 Fall 13 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence,

N. 89° 54' W., on a true line, bet. secs. 29 and 32.

Over mountainous land, thru dense undergrowth.

Ascend 76 ft., over E. slope.

14.00 Ridge, brs. N. and S.

Descend 135 ft., over W. slope.

27.50 Gulch, 50 lks. wide, course SW.

Ascend 57 ft., over SE. slope, to

29.65 Point of spur, slopes S.

Descend 100 ft., over SW. slope.

40.00 Wash, 50 lks. wide, course S.

Ascend 77 ft., over N. slope.

40.24 True point for $\frac{1}{4}$ sec. cor., falls in wash.

Ascend 5 ft., over SE. slope, to

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

$\frac{1}{4}$ S 29 | WC
S 32
1920

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

Ascend 30 ft., over SE. slope.

41.50 Dir. road brs. N. and S.

Chains.
 45.90 Descend 23 ft., over SW. slope.
 50.00 Gully, course S.
 Ascend 93 ft., over SE. slope.
 62.50 Spur, slopes SW.
 Descend 215 ft., over W. slope.
 77.50 Wash, 50 lks. wide, course SW.
 Ascend 25 ft., over SE. slope, to
 80.48 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, rocky, 3rd and 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, ocotillo and black brush.

 N. 89° 52' W., on a random line, bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor..
 80.30 Fall 9 lks. N. of the cor. of secs. 25, 30, 31 and 36, on
 W. bdy. of Tp., hereinbefore described.
 Thence,
 S. 89° 56' E., on a true line, bet. secs. 30 and 31.
 Over rolling land, thru. dense undergrowth.
 Descend 15 ft., over S. and SE. slopes, to
 12.70 Coyote Wash, 100 lks. wide, course S. 10° E.
 Ascend 10 ft., over SE. slope, to
 19.60 Gully, 10 lks. wide, course SE.
 Ascend slightly over S. slope, to
 30.30 Gully, 20 lks. wide, course S. Leave rolling, and enter
 mountainous land.
 Ascend 260 ft., over W. slope, to
 40.30 Set an iron post, 3 ft. long, 1 in. in diam., on bedrock,
 supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,

$\frac{1}{4}$ S 30
 S 31
 1920

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Ascend 90 ft., over W. slope.
 47.50 Ridge, brs. N. and S.
 Descend 112 ft., over E. slope, to
 57.30 Top of cliff, 50 ft. high, bearing S. 40° E. and N. 70° W.
 facing NE.
 58.00 Foot of cliff.
 Descend 162 ft., over NE. slope, to
 65.00 Wash, 150 lks. wide, course E. from NW.
 Descend 15 ft. in wash, to
 73.00 Leave wash, course SE. from W., joined at this point by
 another wash from NW
 Ascend 30 ft. over SW. slope.
 77.80 Descend 17 ft., over SE. slope, to
 80.30 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, rocky, 3rd and 4th rate.
 Timber, none.
 Undergrowth, dense greasewood and ocotillo.

 N. 0° 03' W., bet. secs. 29 and 30.
 Over mountainous land, thru. dense undergrowth.
 Ascend 115 ft., over SE. slope, to
 15.00 Spur, slopes SW. Thence along W. slope.
 Ascend 35 ft., to
 24.00 Wash, 150 lks. wide, course SW.
 Ascend 63 ft., over SE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

Part of the Subdivision lines of Township 5 South, Range 26 East, 19

chains.

$\frac{1}{4}$
 S30 | S29
 1920

from which,

A mesquite, 4 ins. in diam., brs. N. 72° W., 37 lks. dist., marked $\frac{1}{4}$ S 30 BT.

- 46.50 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend 8 ft., over SE. slope, to Wash, 50 lks. wide, course SE., joined at this point by another wash from NE.
- 64.80 Ascend 166 ft., over S. slope, to Spur, slopes SW. Thence along W. slope. Ascend 47 ft., to
- 76.00 Head of wash, course S. 20° W.
- 80.00 Ascend 58 ft., over S. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, marked on brass cap.

T5S | R26E
 S19 | S20
 S30 | S29
 1920

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 3rd rate. Timber, none. Undergrowth, dense greasewood, ocotillo and scrub mesquite.

- 40.00 S. 89° 54' E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
- 80.48 Fall 12 lks. S. of the cor. of secs. 20, 21, 28 and 29. Thence, N. 89° 59' W., on a true line, bet. secs. 20 and 29. Over mountainous land, thru. dense undergrowth. Ascend 35 ft., over SE. slope.
- 4.33 Descend 28 ft., over SW. slope.
- 8.50 Wash, 50 lks. wide, course SE. Ascend 45 ft., over E. slope.
- 15.50 Ridge, brs. N. and S. Descend 52 ft., over W. slope.
- 20.50 Gully, 20 lks. wide, course S. 10° W. Ascend 50 ft., over S. slope.
- 26.50 Gully, 10 lks. wide, course S. Ascend 73 ft., over E. slope.
- 36.50 Ridge, brs. N. and S. Descend 56 ft., over W. slope, to
- 40.24 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap.

$\frac{1}{4}$ S 20
 S 29
 1920.

- 46.50 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Descend 72 ft. over W. slope.
- 55.00 Gulch, 20 lks. wide, course S. 20° W. Ascend 100 ft., over E. slope.
- 62.50 Spur, slopes S. Descend 144 ft., over W. slope.
- 73.50 Wash, 50 lks. wide, course SW. Ascend 143 ft., over SE. slope. Spur, slopes SW. Descend 20 ft., over SW. slope, to

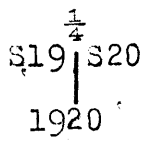
BOOK 3581

50 Part of Subdivision lines of Township 5 South, Range 26 East.

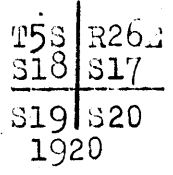
Chains.	
80.48	<p>The cor. of secs. 19, 20, 29 and 30. Land, mountainous. Soil, rocky, 3rd and 4th rate. Timber, none. Undergrowth, dense greasewood, ocotillo, scrub mesquite and catclaw.</p>
40.00	<p>N. 89° 56' W., on a random line, bet. secs. 19 and 30. Set temp. $\frac{1}{4}$ sec. cor.</p>
80.37	<p>Fall 15 lks. S. of the cor. of secs. 19, 24, 25 and 30 on W. bdy. of Tp., hereinbefore described. Thence, S. 89° 50' E., on a true line, bet. secs. 19 and 30. Over mountainous land, thru. dense undergrowth. Descend 143 ft. over NE. slope.</p>
6.65	<p>Coyote Wash, 100 lks. wide, course E. from N. Descend 10 ft., in wash.</p>
12.00	<p>Leave Coyote Wash, course NE. from W. Descend 15 ft., over NE. slope, to</p>
17.04	<p>Coyote Wash, 100 lks. wide, course SE. Ascend 149 ft. over SW. slope.</p>
25.43	<p>Point of spur, slopes S. Descend 61 ft., over SE. slope.</p>
34.38	<p>Wash, 200 lks. wide, course SW. Ascend 20 ft., over W. slope.</p>
38.38	<p>Point of spur, slopes SW. Descend 5 ft., over SE. slope, to</p>
39.77	<p>Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor., marked on brass cap,</p>
	<p style="text-align: center;">$\frac{1}{4}$ S 19 W C S 30 1920</p>
40.37	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Descend 13 ft. over SE. slope. True point for $\frac{1}{4}$ sec. cor. falls in wash, 20 lks. wide, course SW. Ascend 200 ft., over NW. slope, to</p>
57.68	<p>Ridge, brs. E. and SW. Thence along top of same. Ascend 33 ft., to</p>
72.68	<p>Leave top of ridge, brs. NE. and W. Descend 25 ft., over S. slope, to</p>
80.37	<p>The cor. of secs. 19, 20, 29 and 30. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, dense greasewood, scrub mesquite and cacti.</p>
3.00	<p>N. 0° 3' W., bet. secs. 19 and 20. Over mountainous land, thru. dense undergrowth. Ascend 24 ft., over S. slope. Ridge, brs. NE. and SW.</p>
21.80	<p>Descend 114 ft. over NW. slope. Wash, 10 lks. wide, course SW. Ascend 185 ft., over SE. slope.</p>
32.63	<p>Ridge, brs. NE. and SW. Descend 100 ft. over NW. slope, to</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,</p>

Part of Subdivision lines of Township 5 South, Range 26 East.

Chains.

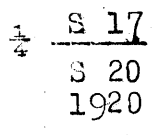


- raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Descend 29 ft., over NW. slope.
- 41.23 Wash, 100 lks. wide, course SW.
- Ascend 286 ft., over SE. slope.
- 67.60 Ridge, brs. NE. and SW.
- Descend 130 ft., over NW. slope.
- 78.93 Gully, course SW.
- Ascend 16 ft., over SE. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 17, 18, 19 and 20, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, dense greasewood, scrub mesquite, ocotillo, and other cacti.

-
- S. 89° 59' E., on a random line, bet. secs. 17 and 20.
 - 40.00 Set temp. 1/4 sec. cor.
 - 80.48 Fall 20 lks. N. of the cor. of secs. 16, 17, 20 and 21.
 - Thence N. 89° 58' W., on a true line, bet. secs. 17 and 20.
 - Over mountainous land, thru. dense undergrowth.
 - Ascend 170 ft., over E. slope.
 - 9.00 Ridge, brs. N. and S.
 - Descend 240 ft., over W. slope.
 - 21.50 Wash, 100 lks. wide, course S. 25° W.
 - Ascend 56 ft., over SE. slope, to
 - 40.24 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,



- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Ascend 36 ft., over SE. slope.
- 44.24 Spur, slopes SW.
- Descend 175 ft., over NW. slope.
- 56.00 Wash, 100 lks. wide, course SW.
- Ascend 162 ft., over SE. slope.
- 68.50 Ridge, brs. NE. and SW.
- Descend 145 ft. over NW. slope.
- 78.70 Gully, course SW.
- Ascend 10 ft., over SE. slope, to
- 80.48 The cor. of secs. 17, 18, 19 and 20.
- Land, mountainous.
- Soil, rocky, 4th rate.
- Timber, none.
- Undergrowth, dense greasewood, scrub mesquite, scrub palo verde and cacti.

-
- N. 89° 50' W., on a random line, bet. secs. 18 and 19.
 - 40.00 Set temp. 1/4 sec. cor.
 - 80.50 Fall 2 lks. S. of the cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp., hereinbefore described.

Chains.

Thence,
 S. 89° 49' E., on a true line, bet. secs. 18 and 19.
 Over mountainous land, thru dense undergrowth.
 Descend slightly over SE. slope, to
 .50 Wash, 50 lks. wide, course S. for about 100 lks., thence W.
 9.25 Ascend 162 ft., over W. slope.
 9.25 Ridge, brs. N. and S. Descend 173 ft., over E. slope.
 21.44 Coyote Wash, 200 lks. wide, course S.
 Ascend 183 ft., over W. slope.
 32.10 Spur, slopes SW.
 Descend 40 ft., over SE. slope, to
 40.50 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
 the ground to bed rock, supported in a mound of stone,
 for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 18
 S 19
 1920

43.93 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Descend 48 ft., over SE. slope.
 Head of gully, course SW.
 Ascend 88 ft., over W. slope.
 51.52 Spur, slopes SW.
 Descend 86 ft., over SE. slope.
 64.60 Gulch, 20 lks. wide, course SW.
 Ascend 107 ft., over NW. slope.
 74.84 Spur, slopes SW.
 Descend 30 ft., over SE. slope, to
 80.50 The cor. of secs. 17, 18, 19 and 20.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, dense greasewood, ocotillo and other cacti.

N. 0° 03' W., bet. secs. 17 and 18.
 Over mountainous land, thru dense undergrowth.
 Ascend 100 ft., over SE. slope.
 6.30 Spur, slopes SW.
 Descend 85 ft., over NW. slope.
 17.10 Gulch, 20 lks. wide, course SW.
 Ascend 103 ft., over S. slope.
 25.60 Spur, slopes SW.
 Descend 92 ft., over NW. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
 supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
 on brass cap,

$\frac{1}{4}$
 S 18 | S 17
 1920

47.86 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Descend 47 ft., over NW. slope.
 Coyote Wash, 100 lks. wide, course SW.
 Ascend 208 ft., over SE. slope, to
 69.80 Spur, slopes SW. from N. 10° E.
 Thence along W. slope of spur.
 Ascend 167 ft., to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock,
 supported in a mound of stone, for cor. of secs. 7, 8,
 17 and 18, marked on brass cap,

T5S | R26E
 S 7 | S 8
 S 18 | S 17
 1920

Part of Subdivision lines of Township 5 South, Range 26 East, 53

Chains.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, dense greasewood, scrub mesquite, ocotillo
and other cacti.

40.00 S. 89°58'E., on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.
80.46 Fall 21 lks. N. of the cor. of secs. 8, 9, 16 and 17.
Thence,
N. 89°49'W., on a true line, bet. secs. 8 and 17.
Over mountainous land, thru. scattering timber and dense
undergrowth.
Descend 200 ft., over W. slope.
18.50 Wash, course SW.
Descend 75 ft., over SW. slope, to
40.23 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} \text{ S } 8 \\ \hline \text{S } 17 \\ 1920 \end{array}$$

44.00 Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
Descend 17 ft., over SW. slope, to
Same wash, course NW.
47.16 Descend 32 ft., over NW. slope.
Coyote Springs on line at this point.
53.20 Coyote Wash, 100 lks. wide, course SW.
Ascend 370 ft., over E. slope.
75.70 Spur, slopes S.
Descend 100 ft., over SW. slope, to
80.46 The cor. of secs. 7, 8, 17 and 18.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering small cedar.
Undergrowth, dense ocotillo, catclaw and scrub oak.

40.00 N. 39°49'W., on a random line, bet. secs. 7 and 18.
Set temp. $\frac{1}{4}$ sec. cor.
80.78 Fall 8 lks. S. of the cor. of secs. 7, 12, 13 and 18, on W. bdy.
of Tp., hereinbefore described.
Thence,
S. 39°45'E., on a true line, bet. secs. 7 and 18.
Over mountainous land, thru. dense undergrowth, along N.
slope, descending 15 ft., to
13.20 Descend 198 ft., over E. slope.
22.70 Wash, 30 lks. wide, course S.
Ascend 205 ft., over broken W. slope, to
40.78 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
on brass cap,

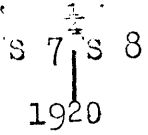
$$\begin{array}{r} \frac{1}{4} \text{ S } 7 \\ \hline \text{S } 18 \\ 1920 \end{array}$$

50.75 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Ascend 268 ft., over W. slope, to
Foot of cliff, brs. N. and S.
51.40 Ascend 50 ft., to
Top of cliff, bearing N. and S. facing W.
65.00 Ascend 175 ft., over W. slope.
Point of spur, slopes $\frac{3}{4}$
Descend 336 ft., over SE. slope.

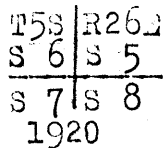
Chains.

77.15 Gulch, course S.
Ascend 35 ft. over SW. slope, to
80.78 The cor. of secs. 7, 8, 17 and 18.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, dense greasewood, scrub oak, ocotillo, and other cacti.

N. 0° 03' W., bet. secs. 7 and 8.
Over mountainous land, thru. dense undergrowth.
Ascend 472 ft., over SW. slope.
16.37 Ridge, brs. E. and W. turns to NE. at about 10 chs. E.
Descend 560 ft., over N. and NW. slope, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

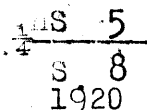


Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Descend 40 ft., over NW. slope.
43.45 Wash, 100 lks. wide, course SW.
Ascend 75 ft., over SW. slope.
46.70 Road, Big Springs to Pima, brs. N. 70° E. and S. 70° W.
51.18 Point of spur, slopes SW.
Descend 13 ft., over NW. slope.
51.85 Gully, course S. 30° W.
Ascend 46 ft. over SE. slope.
55.35 Point of spur, slopes E.
Descend 10 ft., over NE. slope.
57.35 Same gully, course SE.
Ascend 307 ft., over SW. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported in a mound of stone, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, dense greasewood, scrub mesquite, ocotillo, and other cacti.

S. 89° 49' E., on a random line, bet. secs. 5 and 8.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.44 Fall 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.
Thence,
N. 89° 50' W., on a true line, bet. secs. 5 and 8.
Over mountainous land, thru. scattering timber and dense undergrowth.
Descend 280 ft., over SW. slope, to
40.22 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,



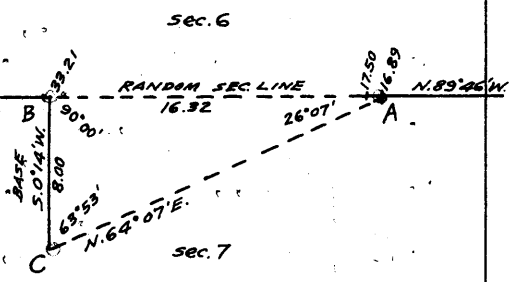
Part of Subdivision lines of Township 5 South Range 26 East 55

Chains.

54.40 Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 58.30 Descend 205 ft., over SW. slope.
 Road, Big Springs to Pima, brs. NE. and SW.
 Wash, 200 lks. wide, course S.
 Ascend 240 ft., over E. slope:
 65.66 Drift fence, brs. N. and S.
 78.50 Spur, slopes SE.
 Descend 10 ft., over SW. slope, to
 80.44 The cor. of secs. 5, 6, 7 and 8.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering small cedar.
 Undergrowth, dense greasewood, scrub mesquite, ocotillo
 and cacti.

16.89 N. 89° 46' W.; on a random line, bet. secs. 6 and 7.
 17.50 Triangulation point.
 Top of cliff, bearing N. and S. facing W. The almost
 perpendicular descent from this cliff, renders chain-
 ing impracticable; therefore, triangulate as described
 as follows, and as shown on the diagram hereon:

From 16.89 ch. station on random
 line indicated on diagram at
 "A," line in a flag "B," N. 89°
 46' W.
 From "B" measure a base, S. 0° 14'
 W., 8.00 chs. to point "C."
 Bearing "C-A" = N. 64° 07' E.
 Vertical angle from "A" to "B" =
 -20°.



Included angles of triangle "A-B-C" are 26° 07', 90° 00'
 and 63° 53', the sum of which is 180° 00'.
 Triangulated measurement of "A-B" is obtained by tang.
 63° 53' x Base or 2.03975 x 8.00 = 16.32 chs., which added
 to 16.89 chs. gives 33.21 chs. N. 89° 46' W. from the cor.
 of secs. 5, 6, 7 and 8, for the position of triangulation
 point "B."

33.21 Triangulation point 392 ft. below top of cliff.
 Continue line and measurement by chaining.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.50 Fall 23 lks. N. of the cor. of secs. 1, 6, 7 and 12, on W. bdy. of
 the tp., hereinbefore described.
 Thence,
 S. 89° 56' E., on a true line, bet. secs. 6 and 7, 12,
 Over mountainous land, thru. dense undergrowth, along N.
 slope.
 Ascend 30 ft., to
 12.00 Head of wash, course NW.
 Ascend 155 ft., over NW. slope:
 19.20 Ridge, brs. NE. and SW.
 Ascend 32 ft., along S. slope, to
 27.20 Descend 26 ft., over SE. slope.
 36.70 Wash, course SW.
 Ascend 70 ft., over broken W. slope, to
 40.50 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the
 ground to bed rock, supported in a mound of stone, for
 $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 6
 S 7
 1920

47.29 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Ascend 273 ft., over broken W. slope, to
 Triangulation point. Continue chaining.
 Ascend 232 ft., over W. slope, to

56 Part of Subdivision lines of Township 5 South, Range 26 East.

Chains.	
60.60	Foot of cliffs, brs. N. and S. Discontinue chaining. Ascend 160 ft. to top of cliff. Measurement by triangulation, hereinbefore described.
63.00	Top of cliff, bearing N. and S., facing W. Ascend slightly over W. slope, continuing line and measurement by chaining.
63.61	Triangulation point on ridge, bearing N. and S. Descend 325 ft., over E. slope.
69.94	Gully, 20 lks. wide, course S., near head. Ascend 102 ft., over SW. slope, to
80.50	The cor. of secs. 5, 6, 7 and 8. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood, mesquite and ocotillo.

40.00	N. 0° 03' W., on a random line, bet. secs. 5 and 6. Set temp. $\frac{1}{4}$ sec. cor.
79.75	Fall 39 lks. E. of the cor. of secs. 5, 6, 31 and 32, on N. body of Tp., hereinbefore described. Thence, S. 0° 20' E., on a true line, bet. secs. 5 and 6. Over mountainous land, thru, dense undergrowth. Descend 363 ft., over SE. slope.
14.30	Gulch, course SE., near head. Ascend 130 ft., over NE. slope.
25.50	Rocky spur, slopes SE. Descend 255 ft., over S. slope.
35.25	Gulch, course SE. Ascend 20 ft., over NE. slope, to
39.75	Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,
59.15	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend 400 ft., over NE. slope. Point of spur, slopes E.
64.50	Descend 225 ft., over SE. slope. Gully, course SE.
69.50	Ascend 34 ft., over NE. slope. Point of spur, slopes E.
72.43	Descend 100 ft., over E. slope. Wife fence, brs. E. and W.
76.65	Spur, slopes SE. Descend 146 ft., over SW. slope, to
79.75	The cor. of secs. 5, 6, 7 and 8. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, dense greasewood, scrub mesquite, ocotillo, and other cacti.

The continued satisfactory adjustment of the solar apparatus throughout the survey of this township is indicated from field tests, as shown in Book "B."	

Boundaries of that part of T.5 S., R.26 E., surveyed
under Group No.111 (all outside the W.M.I.R.)

Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (1st. Std. Par. S.)	N. 89° 45' W.	41.00	.18			41.00
	N. 89° 47' W.	39.11	.15			39.11
	N. 89° 54' W.	40.01	.07			40.01
	West,	40.00				40.00
	N. 89° 52' W.	40.03	.09			40.03
	N. 89° 51' W.	40.04	.10			40.04
	West,	39.92				39.92
	N. 89° 57' W.	40.11	.04			40.11
	West,	80.18				80.18
	N. 89° 52' W.	39.98	.09			39.98
N. 89° 51' W.	40.52	.10			40.52	
West boundary,	North,	480.00	480.00			
North boundary,	East,	157.73			157.73	
Bdy. of White Mt, Ind. Reserv'n.	Various	Various	103.88	141.52	321.36	.18
East boundary,	South,	443.63		443.63		
Convergency,					.43	
Totals,			584.70	585.15	479.52	481.08
				584.70		479.52
Error in latitude,			0.45			
Error in departure,					1.56	

GENERAL DESCRIPTION.

This township is situated in Graham County, Arizona, about eight miles north from Safford, the county seat. The White Mountain Indian Reservation invades the northern part of the township. The surface is mountainous, and lies on the southern slope of the Gila Mountains, the main ridge of which forms the south boundary of the Indian Reservation, and passes thru. the northern part of the Tp. In the extreme southwestern part, there is some rolling surface. The soil is mostly rocky, 4th rate.

Some scattered portions have a rocky, 3rd rate soil. About half of the township is devoid of timber, and the remainder has a scattering growth of pine, cedar and oak of small size. In the vicinity of some of the springs, and along some of the washes is a scattering growth of cottonwoods. The most of the surface is covered with a dense undergrowth of greasewood, scrub oak, cedar and mesquite, catclaw, buckbrush, manzanita and cacti.

There are no water courses carrying a permanent flow of water, but there are numerous permanent springs in various parts of the township.

There are valuable mineral deposits, as evidenced by

a group of patented mining claims in secs. 34 and 35, and a number of prospect holes and shafts in the southeastern part.

There is one settler, Watson, in N. $\frac{1}{2}$ of sec. 25, near Bear Spring. The improvements consist of a reservoir in sec. 5, known as Big Springs Reservoir; two corrals, one in sec. 8, and one in sec. 25; two houses, one in sec. 25, and one in sec. 26; a water pipe line from spring in sec. 26 extending southwesterly to tank on S. bdy. of sec. 35, and range fences in the northwestern and southeastern part of the township.

A road from the Big Springs Reservoir in sec. 5 extends southwesterly to Pima. Another road from Watson's ranch in sec. 25 extends southerly to Safford.

A number of old roads in poor condition traverse the southern part of the township.

The grazing value of the land is fair.

BOOK 3581
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4-680

FIELD ASSISTANTS. to

Benjamin J. Kinsey, U. S. Transitman.

NAMES.	CAPACITY.
John B. McClung,	1st chainman,
Sterling Everett,	2nd chainman,
John Boggs,	cornerman,
William M. Baldwin,	flagman,
John L. Berry,	axman.

CERTIFICATE OF UNITED STATES TRANSITION.

60

I, Benjamin J. Kinsey, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group III, Arizona, bearing date of the 24th day of August, 1920, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the
West boundary,
North boundary, and
Subdivision lines of TOWNSHIP 5 SOUTH, RANGE 26 EAST,

of the Gila and Salt
River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 2 hereof} as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group III, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place Phoenix, Arizona
 Date: May 17th 1923.

Benjamin J. Kinsey
 U. S. Transitman U. S. Surveyor.

~~APPROVAL~~

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

The foregoing field notes of the survey of _____, 19

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

 U. S. Surveyor General.

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

 U. S. Surveyor General.

4-680

FIELD ASSISTANTS. to

William H. Thorn, U. S. Cadastral Engineer.

NAMES.	CAPACITY.
Chas. S. Johnson,	1st chairman,
Homer Pepper,	2nd chairman,
John Boggs,	cornerman,
John L. Berry,	axman,
Chas. S. Johnson,	flagman,
Harold Morrey,	flagman.

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William H. Thorn, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 111, Arizona,

bearing date of the 24th day of August, 19 20 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, re-surveyed all those parts or portions of the

First Standard Parallel South, thru. Range 26 East, and

surveyed all those parts or portions of the

subdivision lines of

TOWNSHIP 5 SOUTH, RANGE 26 EAST,

of the Gila and Salt

River Base & Meridian, in the State of Arizona,

which are represented in the foregoing field notes and by diagram on page 2 hereof as having been executed by me, and under my direction; and that all the corners of said resurvey

and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 111, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such re-survey and survey.

Place Phoenix Arizona Date June 5 1923

William H. Thorn U.S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, JUN 7, 1923.

The foregoing field notes of the re-survey of the

First Standard Parallel South, thru. Range 26 East,

and the Survey of the

West boundary,

Part of the North boundary, and

Part of the Subdivision lines of TOWNSHIP 5 SOUTH, RANGE 26 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by William H. Thorn, U.S. Cadastral Eng., & Benjamin J. Kinsey, U.S. Transitman,

under special instructions dated Aug. 24, 1920, for Group 111, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and surveys they describe, are hereby approved.

Frank O. 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.