

3392

ORIG. 20/1

Book "B"
4-679

BOOK 3392

FIELD NOTES

RE-
OF THE SURVEY OF THE

East boundary of

TOWNSHIP 2 SOUTH, RANGE 12 EAST, and

Parts of the South boundaries of

TOWNSHIPS 1 SOUTH, RANGES 13 AND 14 EAST,

and of the SURVEY of the

East boundary and

Subdivision lines of

TOWNSHIP 2 SOUTH, RANGE 13 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William B. Kimmel

and

Roy J. Gill.

In the capacity of U. S. Surveyor, under Special Instructions dated February 4, 1916 and Supplemental Special Ins., dated Dec. 16, 1916.

issued by the United States Surveyor General to govern surveys included in Group

No. 71, which were approved by the Commissioner of the General Land

Office, February 12, 1916, and Assignment Instructions dated November 25, 1916

March 4, 1917.

Resurvey and Survey commenced March 7, 1917.

Resurvey and Survey completed May 1, 1917.

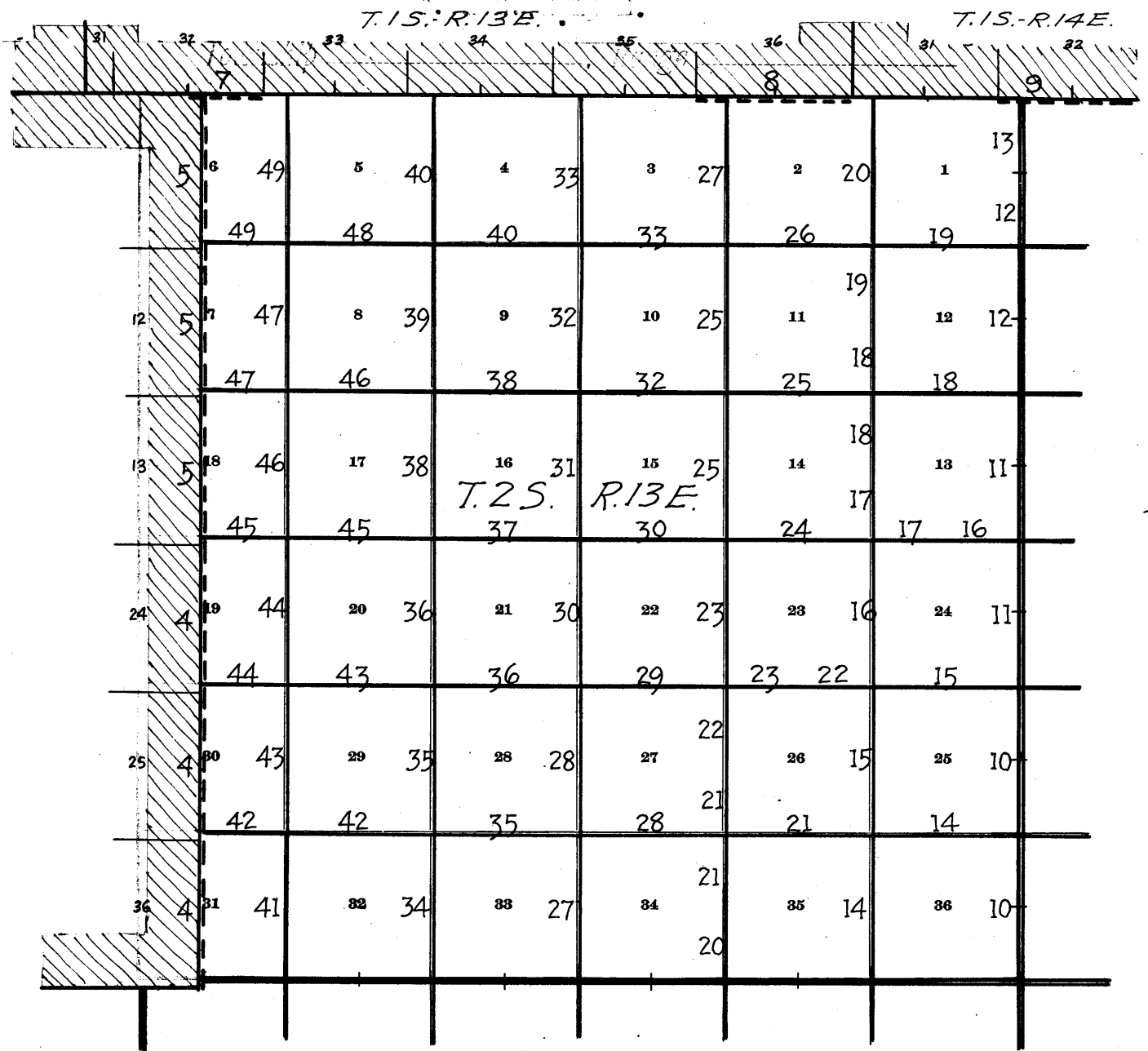
3392




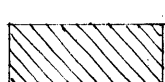
3392

3392

BOOK 3392

INDEX DIAGRAM.



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

3392

Book "B".

Group 71 - - Arizona.

Date Diagram

T. 2 S., R. 13 E.

31 32 33 34 35 36 31 32

RESURV. RESURV. RESURV.

4/25/17 4/28/17 4/6/17

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

Lines dated in green, executed by Roy J. Gill, U.S. Surveyor.
 Lines dated in red, executed by Wm. B. Kimmel, U.S. Surveyor.

Chains.

Resurveys and surveys hereinafter described, executed by Roy J. Gill and William B. Kimmel, U.S. Surveyors, on dates shown on date diagram on page 1 hereof, both using Buff and Buff transit No. 7732 with Smith solar attachment. For description of instrument, determination of meridian and test of solar, see Book "A."

Resurvey of East Boundary of Township 2 South, Range 12 E.

Retracement for Resurvey:

The reestablished cor. of T. 2 S., R. 12 E. (SE. cor.) was originally cor. of Ts. 2 and 3 S., Rs. 12 and 13 E., but was changed as described in notes of survey of S. bdy. of T. 2 S., R. 13 E., in Book "A" of this group.

Thence,

39.65 North, on random line, on E. bdy. of sec. 36 (S. $\frac{1}{2}$).
Fall 9 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is a quartzite stone 10x8x7 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor. No bearing trees.
True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 36 are therefore N. 0° 8' W., 39.65 chs.

Thence,

40.25 North, on random line, on E. bdy. of sec. 36 (N. $\frac{1}{2}$).
Fall 11 lks. E. of original cor. of secs. 25, 30, 31 and 36, which is a limestone 8x8x4 ins. above ground, firmly set, marked with one notch on S. edge, and 5 notches on N. edge, and witnessed by 4 pits, one each NE., SE., SW. and NW. of cor., and mound of earth and stone W. of cor. No bearing trees.
True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 36 are therefore N. 0° 9' W., 40.25 chs.

From original cor. of secs. 25, 30, 31 and 36,
North, on random line, on E. bdy. of sec. 25 (S. $\frac{1}{2}$).

40.08 Fall 29 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is a limestone, 10x6x5 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor.
No bearing trees.

True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 25 are therefore N. 0° 25' E., 40.08 chs.

Thence,

39.75 North, on random line, on E. bdy. of sec. 25 (N. $\frac{1}{2}$).
Fall 2 lks. W. of original cor. of secs. 19, 24, 25 and 30, which is a porphyry stone, 18x6x4 ins. above ground, firmly set, marked with 2 notches on S. edge and 4 notches on N. edge, and witnessed by mound of stone, W. of cor. No bearing trees.
True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 25 are therefore N. 0° 2' E., 39.75 chs.

From original cor. of secs. 19, 24, 25 and 30,
North, on random line, on E. bdy. of sec. 24 (S. $\frac{1}{2}$).

39.47 Fall 18 lks. E. of original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a limestone, 9x8x6 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor. No bearing trees.

True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 24 are therefore N. 0° 16' W., 39.47 chs.

Thence,

Resurvey of East bdy. of Township 2 South, Range 12 East. 3

Chains.

39.89 North, on random line, on E. bdy. of sec. 24 (N. $\frac{1}{2}$).
 Fall 38 lks. E. of original cor. of secs. 13, 18, 19 and 24, which is a limestone, 10x8x6 ins. above ground, firmly set, marked with 3 notches on each of N. and S. edges, and witnessed by mound of stone, W. of cor. No bearing trees.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 24 are therefore N. 0°33' W., 39.89 chs.

39.41 From original cor. of secs. 13, 18, 19 and 24,
 North, on random line, on E. bdy. of sec. 13 (S. $\frac{1}{2}$).
 Fall 30 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is a stone, 12x8x5 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor. No bearing trees.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 13 are therefore N. 0°26' E., 39.41 chs.

40.46 Thence,
 North, on a random line, on E. bdy. of sec. 13 (N. $\frac{1}{2}$).
 Fall 26 lks. W. of original cor. of secs. 7, 12, 13 and 18, which is a volcanic stone, 10x8x6 ins. above ground, firmly set, marked with 2 notches on N. edge and 4 notches on S. edge, and witnessed by mound of stone, W. of cor. No bearing trees.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 13 are therefore N. 0°22' E., 40.46 chs.

39.80 From original cor. of secs. 7, 12, 13 and 18,
 North, on a random line, on E. bdy. of sec. 12 (S. $\frac{1}{2}$).
 Fall 17 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is a volcanic stone, 10x8x5 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor. No bearing trees.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore N. 0°15' E., 39.80 chs.

39.94 Thence,
 North, on a random line, on E. bdy. of sec. 12 (N. $\frac{1}{2}$).
 Fall 17 lks. W. of original cor. of secs. 1, 6, 7 and 12, which is a volcanic boulder in place, 3x2x4 ft. above ground, marked with a cross (x) on top, and 1 groove on N. and 5 grooves S. of cross, and witnessed by mound of stone, W. of boulder. No bearing trees.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore N. 0°15' E., 39.94 chs.

39.45 From original cor. of secs. 1, 6, 7 and 12,
 North, on random line, on E. bdy. of sec. 1 (S. $\frac{1}{2}$).
 Fall 1 lk. W. of original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a volcanic stone, 12x8x6 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by mound of stone, W. of cor. No bearing trees.
 True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore N. 0°1' E., 39.45 chs.

39.78 Thence,
 North, on random line, on E. bdy. of sec. 1 (N. $\frac{1}{2}$).
 Fall 75 lks. W. of original closing cor. of Ts. 2 S., Rs. 12 and 13 E., which is a volcanic stone firmly set in a mound of stone, marked "CC" on S. face, and 6 grooves on E., W. and S. faces, and witnessed by mound of stone S. of cor. No bearing trees.
 True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore N. 1°05' E., 39.79 chs.

Resurvey of East bdy. of Township 2 South, Range 12 East.

Chains.	
	From reestablished cor. of T. 2 S., R. 12 E. (SE. cor.), described in Book "A,"
	N.0°08'W., on a true line, on E. bdy. of sec. 36 (S. $\frac{1}{2}$).
	Over broken, mountainous land, draining NW., thru. dense undergrowth; descend 30 ft.
6.45	Gulch, 50 lks. wide, course N.20°W.; ascend 30 ft.
15.15	Top of ascent, brs. NW. and SE.; descend 90 ft. over N. slope to $\frac{1}{2}$ sec. cor.
39.14	Road, Ray to Superior, brs. SE. and NW.
39.65	Intersect the original $\frac{1}{2}$ sec. cor. of secs. 31 and 36, hereinbefore described. This cor. now refers to sec. 36 only. No change in marking or accessory is required.
	Thence,
	N.0°9'W., on true line, on E. bdy. of sec. 36 (N. $\frac{1}{2}$).
	Over mountainous land, draining NW., thru. dense undergrowth; descend 25 ft. to
9.80	Wash, 50 lks. wide, 1 ft. deep, course N.20°W. Thence along gently rolling W. slope, descending slightly.
14.80	Old road, brs. E. and W.
40.25	Intersect the original cor. of secs. 25, 30, 31 and 36, hereinbefore described. This cor. now refers to secs. 25 and 36 only. No change in marking or accessory required.
	Land, mountainous and rolling.
	Soil, sandy and rocky, 3rd and 4th rate.
	No timber.
	Undergrowth, dense palo verde and catclaw.

	From cor. of secs. 25 and 36,
	N.0°25'E., on a true line, on E. bdy. of sec. 25 (S. $\frac{1}{2}$).
	Over nearly level land, thru. dense undergrowth.
22.75	Gulch, 50 lks. wide, course W.
40.08	Intersect the original $\frac{1}{2}$ sec. cor. of secs. 25 and 30, hereinbefore described. This cor. now refers to sec. 25 only. No change in marking or accessory is required.
	Thence,
	N.0° 2'E., on a true line, on E. bdy. of sec. 25 (N. $\frac{1}{2}$).
	Over rolling land, thru. scattering undergrowth.
1.00	Wash, 1 ch. wide, 5 ft. deep, course W.
25.95	Wash, 1 ch. wide, 10 ft. deep, course SW.
39.75	Intersect the original cor. of secs. 19, 24, 25 and 30, hereinbefore described. This cor. now refers to secs. 24 and 25 only. No change in marking or accessory is required.
	Land, nearly level in S. $\frac{1}{2}$ and rolling in N. $\frac{1}{2}$.
	Soil, rocky, 4th rate,
	No timber.
	Undergrowth, palo verde and catclaw, dense in S. $\frac{1}{2}$, scattering in N. $\frac{1}{2}$.

	From cor. of secs. 24 and 25,
	N.0°16'W., on a true line, on E. bdy. of sec. 24 (S. $\frac{1}{2}$).
	Over broken, mountainous land, thru. scattering undergrowth. Ascend.
24.45	Long spur, slopes W.; descend.
33.45	Draw, course W.; ascend.
39.47	Intersect the original $\frac{1}{2}$ sec. cor. of secs. 19 and 24, hereinbefore described. This cor. now refers to sec. 24 only. No change in marking or accessory is required.
	Thence,
	N.0°33'W. on a true line on E. bdy. of sec. 24 (N. $\frac{1}{2}$).
	Over mountainous land; ascend.
9.73	Short spur, slopes W.; descend.
25.47	Draw, course W.; ascend.
39.89	Intersect the original cor. of secs. 13, 18, 19 and 24,

Resurvey of East boundary of Township 2 South, Range 12 East. 5.

Chains.	
	<p>hereinbefore described. This cor.now refers to secs.13 and 24 only. No change in marking or accessory is required. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering palo verde, catclaw and buck brush.</p> <p>-----</p>
39.41	<p>From cor.of secs.13 and 24, N.0°26'E., on true line, on E. bdy.of sec.13 (S.½). Over very mountainous land; ascend along steep W. slope. Intersect original ¼ sec.cor. of secs.13 and 18, hereinbefore described. This cor.now refers to sec.13 only. No change in marking or accessory is required. Thence, N.0° 22'E., on true line, on E. bdy. of sec.13 (N.½). Over mountainous land; ascend along steep, W. slope of ridge or divide.</p>
40.46	<p>Intersect the original cor.of secs. 7,12,13 and 18, hereinbefore described. This cor.now refers to secs.12 and 13 only. No change in marking or accessory is required. Land, mountainous. Soil, rocky, 4th rate. No timber or undergrowth.</p> <p>-----</p>
14.50	<p>From cor.of secs.12 and 13, N.0°15'E., on true line, on E. bdy.of sec.12 (S.½). Over mountainous land; descend NW. slope.</p>
39.80	<p>Change to NE.slope. Continue descent. Intersect the original ¼ sec.cor. of secs.7 and 12, hereinbefore described. This cor.now refers to sec.12 only. No change in marking or accessory is required. Thence, N.0°15'E., on true line, on E. bdy.of sec.12 (N.½). Over mountainous land; descend NE.slope.</p>
17.00	Gulch, course NE.; ascend SE.slope.
26.50	Spur, slopes NE.; descend N.slope.
37.50	Gulch, course NE.; ascend SE. slope.
39.94	<p>Intersect the original cor. of secs.1,6,7 and 12, hereinbefore described. This cor.now refers to secs.1 and 12 only. No change in marking or accessory is required. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, very scattering scrub oak and buck brush.</p> <p>-----</p>
4.00	<p>From cor.of secs.1 and 12, N.0°1'E., on a true line, on E. bdy. of sec.1 (S.½). Over rocky, mountainous land; ascend SE.slope.</p>
14.33	Spur, slopes NE.; descend NW.slope.
21.00	Draw, course NE.; ascend.
31.23	Spur, slopes E.; descend.
39.45	<p>Draw, course E.; ascend. Intersect the original ¼ sec.cor. of secs.1 and 6, hereinbefore described. This cor.now refers to sec.1 only. No change in marking or accessory is required. Thence, N.1°05'E., on true line, on E.bdy.of sec.1 (N.½). Over mountainous land; ascend.</p>
2.55	Spur, slopes E.; descend.
11.25	Draw, course E.; ascend.
18.65	Spur, slopes E.; descend.

6. Resurvey of East bdy. of Township 2 South, Range 12 East.

Chains.

25.55

Draw, course NE.; ascend.

34.55

Spur, slopes E.; descend.

39.65

After resurvey of part of S. bdy. of T.1 S., R.13 E., as hereinafter described, this point is determined to be the true point of intersection of the E. bdy. of T.2 S., R.13 E. with S. bdy. of T.1 S., R.13 E.; from which point the $\frac{1}{4}$ sec. cor. of sec. 32 brs. N. 89° 49' W., 4.35 chs. dist.

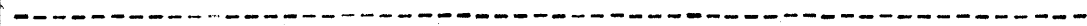
39.79

Intersect the original closing cor. of T.2 S., Rs. 12 and 13 E., hereinbefore described.

Land, mountainous.

Soil, rocky, 4th rate.

No timber or undergrowth.



Resurvey of part of S. bdy. of Township 1 South, Range 13 East.

7.

Chains.

Retracement for Resurvey:

After closing line bet. secs. 5 and 6, T.2 S., R.13 E. against S. bdy. of T.1 S., R.13 E., an excessive error of closure was noted in sec. 6; therefore resurvey the E. $\frac{1}{2}$ of S. bdy. of sec. 32, T.1 S., R.13 E.

The original cor. of secs. 4, 5, 32 and 33 is a cross marked on exposed bed rock, with mound of stone N. of cross, and one bearing tree SW. of cor., marked "T2S R13E S 5 BT."

Thence,

N. $89^{\circ}55'W.$, (record course) on random line, on S. bdy. of sec. 32 (E. $\frac{1}{2}$).

35.75 Fall 21 lks. S. of original closing cor. of Ts. 1 S., Rs. 12 and 13 E., hereinbefore described.

True course and dist. of line to this C.C. is therefore N. $89^{\circ}35'W.$, 35.75 chs.

Continue line and measurement.

40.10 Fall 07 lks. S. of original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, which is a boulder in place, 4x3x1 ft. above ground, marked with a cross (x) on top, and " $\frac{1}{4}$ " N. of cross, and witnessed by one bearing tree SW. of cor., marked " $\frac{1}{4}$ S5BT."

True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 32 are therefore N. $89^{\circ}49'W.$, 40.10 chs.

This retracement determines that the original closing cor. of Ts. 2 S., Rs. 12 and 13 E. is situated at a point 14 lks. N. $1^{\circ}05'E.$, from true point of intersection of the range line bet. Ts. 2 S., Rs. 12 and 13 E., with the S. bdy. of T.1 S., R.13 E.

Resurvey:

Change the original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, to refer to sec. 32, T.1 S., R.13 E. only, by altering the marking on the SW. bearing tree to read " $\frac{1}{4}$ S BT."

Thence,

S. $89^{\circ}49'E.$, on true line, on S. bdy. of sec. 32 (E. $\frac{1}{2}$).

Over mountainous land; ascend NW. slope.

4.35 Intersect the range line bet. Ts. 2 S., Rs. 12 and 13 E. at a point 14 lks. S. $1^{\circ}05'W.$ from original closing cor. of said townships hereinbefore described.

Continue line and measurement.

9.70 Spur, slopes N.; descend

13.50 Ravine, course N.; ascend.

39.00 Spur, slopes N.; descend.

40.10 Intersect original cor. of secs. 4, 5, 32 and 33, hereinbefore described. Change this cor. to refer to secs. 32 and 33, T.1 S., R.13 E. only, by altering the marking on the SW. bearing tree to read "T2S R13E BT."

Land, mountainous.

Soil, very rocky, 4th rate.

No timber or undergrowth.

The closing error in secs. 3, 4, and 5 of T.2 S., R.13 E., having been found to be within allowable limits, the retracement of the S. bdrs. of secs. 33, 34, and 35 of T.1 S., R.13 E. is not required, however, proceed along such portion of the township boundary, and make the proper changes in the original cors. thereon as to change their reference to secs. and quarter secs. in T.1 S., R.13 E. only. The closing error of sec. 2, T.2 S., R.13 E. having been found excessive, make retracement and resurvey of S. bdy. of sec. 36, T.1 S., R.13 E. as follows:

Retracement for Resurvey:

The original cor. of Ts. 1 and 2 S., Rs. 13 and 14 E. is a granite boulder 3x2x2 ft. above ground, marked with

8. Resurvey of part of S. bdy. of Township 1 South, Range 13 East.

Chains.

- a cross (x) on top, and 6 grooves E, W, N. and S. of cross, and witnessed by a mound of stones S. of cor. No bearing trees.
Thence,
N. 89° 55' W., (record course) on random line, on S. bdy. of sec. 36 (E. $\frac{1}{2}$).
- 39.95 Fall 156 lks. N. of original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, which is a boulder in place 4x4x1 $\frac{1}{2}$ ft. above ground, marked with a cross (x) on top, and "1" N. of cross, and witnessed by a mound of stones N. of cor. No bearing trees.
True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 36 are therefore N. 87° 51' E., 39.97 chs.
Thence,
N. 89° 55' W., (record course) on random line on S. bdy. of sec. 36 (W. $\frac{1}{2}$).
- 40.39 Fall 9 lks. N. of original cor. of secs. 1, 2, 35 and 36, which is a volcanic stone, firmly set in a mound of stones, marked with 1 notch on E. and 5 notches on W. edge, and witnessed by mound of stone N. of cor., and also two bearing trees, one NE. of cor., marked "T1S R13 E S36 BT." and one NW. of cor., marked "T1S R13 E S35 BT."
True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 36, are therefore, N. 89° 57' E., 40.39 chs.

Resurvey:

- The designation of original cor. of secs. 1, 2, 35 and 36 is changed to cor. of secs. 35 and 36, T. 1 S., R. 13 E. only, but no change in marking or accessory is required.
Thence,
N. 89° 57' E., on true line, on S. bdy. of sec. 36 (W. $\frac{1}{2}$).
Over mountainous land, thru scattering undergrowth; descend SE. slope.
- 7.50 Ravine, course SW.; ascend.
14.00 Ridge, brs. NE. and SW.; descend.
18.29 Intersect closing cor. of secs. 2 and 3, T. 2 S., R. 13 E. hereinafter described.
20.00 Gulch, course S.; ascend.
30.00 Spur, slopes S.; descend.
35.00 Gulch, course S.; ascend.
40.39 Spur, slopes S. Intersect original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, hereinbefore described. This cor. now refers to sec. 36 only. No change in marking or accessory is required.
Thence,
N. 87° 51' E., on true line, on S. bdy. of sec. 36 (E. $\frac{1}{2}$).
Over mountainous land, thru scattering undergrowth. Descend.
- 7.00 Gulch, course S.; ascend.
11.00 Spur, slopes S.; descend.
18.50 Gulch, course S.; ascend.
22.50 Ridge, brs. N. and S.; descend.
35.00 Gulch, course SE.; ascend.
39.97 Intersect original cor. of Ts. 1 and 2 S., Rs. 13 and 14 E. hereinbefore described. Change this cor. to refer to Ts. 1 S., Rs. 13 and 14 E. only, by moving the mound of stone from S. to N. of cor., and obliterating the grooves S. of the cross (x) on top of the boulder.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering buck brush, mountain mahogany, scrub oak and catclaw.

The closing error in sec. 1, T. 2 S., R. 13 E., having been found to be within allowable limits, the retracement of S. bdy. of sec. 31 and E. $\frac{1}{2}$ of sec. 32, T. 1

Resurvey of part of S. bdy. of Township 1 South, Range 13 East. 9

Chains.

S., R.14 E. is not required; however, proceed along such portion of the S. bdy. of T.1 S., R.14 E., and make proper changes in the original cors. thereon to change their reference to secs. and quarter secs. in T.1 S., R.14 E. only. Find such cors. existent and descriptions agree substantially with record.

Resurvey of part of S. bdy. of Township 1 South, Range 14 E.

Retracement for Resurvey:

The original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, Ts. 1 and 2 S., R. 14 E., is a schist stone, 10x8x9 ins. exposed above a mound of stone in which it is firmly set. Stone is marked " $\frac{1}{4}$ " on N. face, and witnessed by mound of stone N. of cor. and one bearing tree SE. of cor., marked " $\frac{1}{4}$ S5BT."

40.70 Thence, West, on random line on S. bdy. of sec. 32 (W. $\frac{1}{2}$). Fall 6 lks. N. of original cor. of secs. 5, 6, 31 and 32, changed to cor. of secs. 31 and 32 only, as hereinafter described in notes of survey of East bdy. of T. 2 S., R. 13 E. True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 32 are therefore N. 89°55'E., 40.70 chs.

Resurvey:

From the cor. of secs. 31 and 32, hereinafter described, N. 89°55'E., on true line, on S. bdy. of sec. 32 (W. $\frac{1}{2}$). Over rolling and mountainous land. Descend 150 ft. over broken E. slope.
5.59 Fence brs. NW. and SE.
9.59 Lyon's Fork of Mineral Creek (dry) course S. Ascend 115 ft., over broken rocky W. slope to
17.70 Top of ascent, brs. N. and S. Thence over rolling S. slope.
19.39 Intersect closing cor. of Ts. 2 S., Rs. 13 and 14 E., hereinafter described.
26.00 Descend 15 ft. over SE. slope.
28.40 Ascend 150 ft., over W. slope, to
40.70 Intersect original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, hereinbefore described. Change this cor. to refer to sec. 32 only, by changing marking on SE. bearing tree to read " $\frac{1}{4}$ SBT." Land, rolling and mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering catclaw, mesquite, scrub oak and cactus.

10. Survey of East bdy. of Township 2 South, Range 13 East.

Chains.

From the cor. of Ts. 2 and 3 S., Rs. 13 and 14 E., described in Book "A,"

North, on a true line, bet. secs. 31 and 36.

Over broken, mountainous land, thru scattering undergrowth.

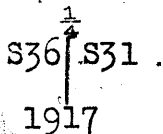
Ascend steep S. slope.

1.10 Spur, slopes SW.; descend.

3.70 Trail in draw, brs. E. and W.

4.90 Telephone line, brs. E. and W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, in rock mound, for 1/4 sec. cor., marked on brass cap,

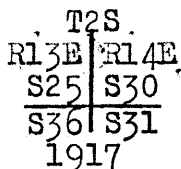


Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Ridge, brs. NE. and SW.; descend.

41.10 Draw, course NW.; ascend.

58.40 Spur, slopes W.; descend.

68.20 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked on brass cap,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, broken and mountainous:

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering catclaw, scrub oak, and buck brush.

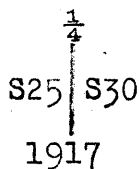
North, on true line, bet. secs. 25 and 30.

Over broken, mountainous land, thru scattering undergrowth. Descend.

12.30 Draw, course SW.; ascend 875 ft.

34.80 Ridge, brs. E. and W.; descend.

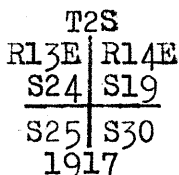
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor. Draw, course W.; ascend.

58.10 Ridge, brs. SE. and NW.; descend.

62.60 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cor. stands on steep rocky E. slope.

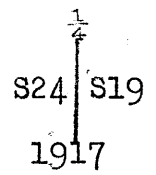
Survey of East bdy. of Township 2 South, Range 13 East.

Chains.

Land, broken and mountainous, drains W. and NW.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering buck brush and scrub oak.

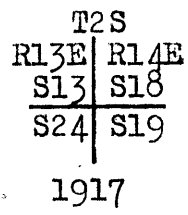
North, on true line, bet. secs. 19 and 24.
Over mountainous land, thru. scattering undergrowth.
Ascend.

- 5.00 Spur, slopes E.; descend.
- 11.00 Draw, course W.; ascend.
- 33.10 Begin descent.
- 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,



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

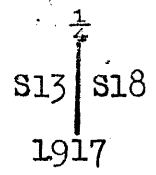
- 45.70 Leave slide, and continue descent.
- 57.30 Deep ravine, course NE.; ascend.
- 71.00 Spur, slopes E.; descend.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, in rock mound, for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering buck brush, scrub oak and manzanita.

North, on a true line, bet. secs. 13 and 18.
Over mountainous land, thru. scattering undergrowth.
Along NE. slope.

- 8.10 Draw, course E.; ascend.
- 15.80 Spur, slopes N.; descend along top of same.
- 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,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Foot of descent; fence brs. NE. and SW.
House of C.H. Oniel, brs. S. 78° E. about 11 chs.
Creek, 12 lks. wide, 6 ins. deep, course W.
Edge of plowed field, brs. E. and W.
Fence brs. E. and W.; leave field; ascend.
Spur, slopes SW.; descend.
Draw, course NW.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked

- 44.40
- 44.52
- 47.00
- 47.50
- 50.20
- 67.48
- 79.80
- 80.00

12 East boundary of Township 2 South. Range 13 East.

Chains.

on brass cap,

T2S	
R13E	R14E
S12	S7
S13	S18

1917

Raise a mound of stone, 2 ft. base, 1½ ft. high alongside. Land, mountainous. Soil, rocky, 3rd rate. Undergrowth, scattering mountain mahogany, catclaw and mesquite.

North, on true line, bet. secs. 7 and 12. Over mountainous land, thru scattering undergrowth; ascend.

- 2.60 Spur, slopes W.; descend.
- 17.80 Spur, slopes W.; descend.
- 22.40 Draw, course W.; ascend.
- 25.80 Spur, slopes W.; descend.
- 28.50 Draw, course W. Pipe line to Shulze Bros. ranch house brs. E. and W.; ascend.
- 38.50 Spur, slopes SW.; descend.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

¼	
S12	S 7

1917

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. From this cor., Shulze Bros. ranch house brs. S. 42½° W. about 15 chs. dist.

- Ascend.
- 68.80 Fence brs. E. and W.
- 69.10 Spur, slopes W.; descend.
- 77.80 Foot of descent brs. E. and W. Enter rolling bottom of draw.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 10 ins. in the ground, in rock mound, for cor. of secs. 1, 6, 7 and 12, marked on brass cap,

T2S	
R13E	R14E
S 1	S 6
S12	S 7

1917

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, mountainous and rolling, drains W. and SW. Soil, rocky, 4th rate. No timber. Undergrowth, scattering catclaw, mountain mahogany, buck brush and scrub oak.

North, on a true line, bet. secs. 1 and 6. Along rolling bottom of draw, draining SW., thru scattering undergrowth.

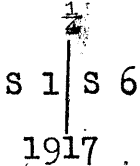
- 2.00 Fence; brs. SE. and NW.
- 2.50 Road brs. SW. and NE.
- 4.80 Leave bottom of draw; ascend SE. slope.
- 23.80 Spur, slopes SW.

East boundary of Township 2 South, Range 13 East. 13.

Chains.

38.60
40.00

Small spur, slopes W.
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,



43.20
46.30
53.60
63.20
75.63

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Draw, with spring branch, course SW.; ascend.

Spur, slopes W.

Spur, slopes W.

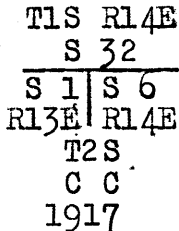
Draw, course SW., water 2 lks. wide, 2 ins. deep; ascend.

Intersect S. bdy. of T.1 S., R.14 E., at a point 19.39 chs.

N.89:55'E. from original cor. of secs. 5, 6, 31 and 32, which is a sandstone, firmly set in mound of stone, marked with 1 notch on W. edge, and 5 notches on E. edge, and witnessed by mound of stone, W. of cor. Change this cor. to refer to secs. 31 and 32 only, by moving mound of stone from W. to N. of cor. No bearing trees.

Also change original $\frac{1}{4}$ sec. cor. of secs. 6 and 31, Ts. 1 and 2 S., R. 14 E. to refer to sec. 31 only. At point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 10 ins. in the ground, in rock mound, for closing cor. of Ts. 2 S., Rs. 13 and 14 E., marked on brass cap,



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

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering catclaw, buck brush and scrub oak.



14. Survey of Subdivision lines of Township 2 South, Range 13 East.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., described in Book "A,"
N. 0° 01' W., bet. secs. 35 and 36.
Over mountainous land, thru scattering undergrowth.
Ascend along broken SW. slope.

11.80

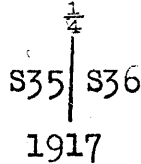
Spur, slopes SW.

23.50

Spur, slopes W.; descend 487 ft.

40.00

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



47.90

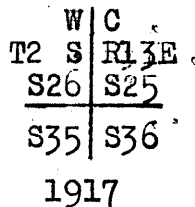
Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
Draw with stream of running water, 1 ft. wide, 2 ins. deep,
course SW.; ascend.

57.00

Spur, slopes SW.; descend.

79.80

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for W C to the cor. of secs. 25, 26, 35 and 36, marked on brass cap,



80.00

Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
True point for sec. cor. falls in wash, course NW. Establish witness cor. at 20 lks., S. 0° 1' E., as described above.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering buck brush, scrub oak, corona christa.

40.00

From true point for cor. of secs. 25, 26, 35 and 36, East, on a random line, bet. secs. 25 and 36.

80.44

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

Fall 19 lks. S. of the cor. of secs. 25, 30, 31 and 36 on E. bdy. of Tp., hereinbefore described.

Thence,

S. 89° 52' W., on a true line, bet. secs. 25 and 36.

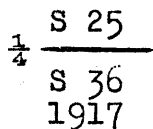
30.74

Over mountainous land, thru scattering undergrowth; descend.

40.22

Wash, course SW.; ascend.

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



49.34

Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor. Ridge, brs. NE. and SW.

69.44

Spur, slopes N.; descend.

79.44

Enter wash, course W. from SE.

80.44

The true point for cor. of secs. 25, 26, 35 and 36, in above wash.

Land, mountainous, drains SW.

Soil, rocky, 4th rate.

No timber.

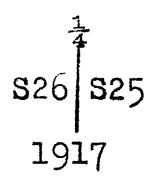
Subdivision lines of Township 2 South, Range 13 East.

Chains.

Undergrowth, scattering buck brush and scrub oak.

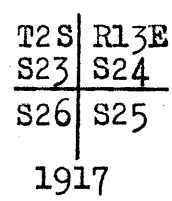
From true point for cor. of secs. 25, 26, 35 and 36, N. 0° 01' W., bet. secs. 25 and 26. Over mountainous land, thru scattering undergrowth. Ascend steep SW. slope.

- 3.60 Spur, slopes NW.
- 7.40 Wash, with stream of running water, 2 fks. wide, 2 ins. deep, course SW.
- 13.00 Spur, slopes W.
- 15.60 Wash, course SW.; ascend 631 ft. to
- 32.10 Spur, slopes SW.; thence along broken W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, in rock mound, for 1/4 sec. cor., marked on brass cap,



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

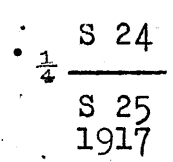
- 47.90 Spur, slopes SW.; descend.
- 58.30 Draw, course W.; ascend.
- 62.20 Spur, slopes W.; descend.
- 74.16 Wash, course SW.; ascend.
- 77.50 Spur, slopes W.; descend.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the ground, in rock mound, for cor. of secs. 23, 24, 25, and 26, marked on brass cap,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high alongside. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering palo verde, ocotillo and catclaw.

N. 89° 52' E., on a random line, bet. secs. 24 and 25.

- 40.00 Set temp. 1/4 sec. cor.
- 80.40 Fall 10 fks. S. of the cor. of secs. 19, 24, 25 and 30 on E. bdy. of Tp., hereinbefore described.
- Thence, S. 89° 48' W., on a true line, bet. secs. 24 and 25. Over mountainous land, thru scattering undergrowth; ascend.
- 6.00 Ridge, brs. N. and S.
- 11.00 Spur, slopes SW.; descend.
- 40.20 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground, in rock mound, for 1/4 sec. cor., marked on brass cap,



Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, N. of cor.

- 67.70 Draw, course SW.; ascend.
- 79.10 Spur, slopes SW.; descend.
- 80.40 The cor. of secs. 23, 24, 25 and 26.

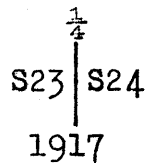
16. Subdivision lines of Township 2 South, Range 13 East.

Chains.

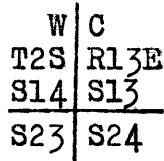
Land mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering buck brush and scrub oak.

N.0°01'W., bet. secs. 23 and 24.
Over mountainous land, thru. scattering undergrowth.
Along broken W. slope; ascend.

- 13.00 Spur, slopes SW.; descend.
- 18.50 Draw, course W.; ascend.
- 34.80 Spur, slopes W.; descend.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass cap,



- 53.60 Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor. Draw, course W.; ascend.
- 60.60 Small spur, slopes W.; descend.
- 67.40 Trail, Miami to Ray, brs. NE. and SW.
- 70.80 Slope changes to steep NW.
- 75.70 S. rim of Mineral Creek Canyon, brs. NE. and NW. It is impracticable to proceed on sec. line, and the true point for sec. cor. is inaccessible; therefore, at this point on canyon rim,
Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, in rock mound, for witness cor. to the cor. of secs. 13, 14, 23 and 24, marked on brass cap,



- 80.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. True point for cor. of secs. 13, 14, 23 and 24, falls on S. wall of Mineral Creek Canyon, and is inaccessible.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering catclaw, buck brush and giant cacti.

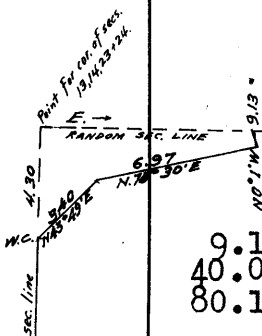
It being impracticable to begin random line bet. secs. 13 and 24 at true point for cor. of secs. 13, 14, 23 and 24, begin at the witness cor. to said sec. cor. (4.30 chs. S.0°1'E. from cor. point), and proceed along canyon rim by traverse as follows:

- N.43°49'E., 3.40 chs. Thence,
- N.76°30'E., 6.97 chs. Thence,
- N.0°1'W., 0.22 chs. to point due east from sec. cor. point, and on random line bet. secs. 13 and 24, at

- 9.13 Thence, East, on random line, continuing measurement.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.19 Fall 40 lks. S. of the cor. of secs. 13, 18, 19 and 24 on E. bdy. of Tp., hereinbefore described.

Thence,
S.89°43'W., on true line, bet. secs. 13 and 24.
Over mountainous land, thru. scattering undergrowth; ascend.
Ridge, brs. N. and S.

7.80



Subdivision lines of Township 2 South Range 13 East. 17

Chains.
40.09 1/2

Spur, slopes N.
Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, in rock mound for 1/4 sec. cor., marked on brass cap,

S 13
1/4
S 24
1917

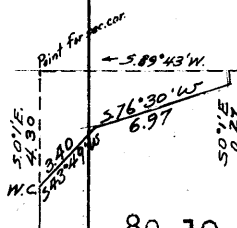
45.80
53.70
57.70
60.00
71.06

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Spur, slopes N.; descend.
Draw, course N.; ascend.
Spur, slopes N.; descend.
Trail, Miami to Ray, brs. NE and SW.
S. rim of Mineral Creek Canyon, brs. NE. and SW. It is impracticable to proceed on sec. line or reach the sec. cor. point; therefore, traverse to the witness cor. as follows:

S. 0° 1' E., 0.27 chs. Thence,
S. 76° 30' W., 6.97 chs. Thence
S. 43° 49' W., 3.40 chs. to witness cor. to cor. of secs.

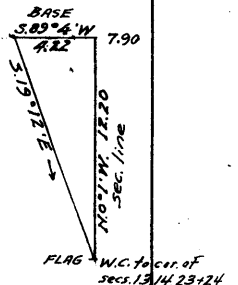
80.19

13, 14, 23 and 24, situate 4.30 chs. S. 0° 1' E. from True point for cor. of secs. 13, 14, 23 and 24 at inaccessible point on S. wall of Mineral Creek Canyon.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering scrub oak, mountain mahogany, scrub cedar and buck brush.



It being impracticable to begin survey of line bet. secs. 13 and 14, at the true point for cor. of secs. 13, 14, 23 and 24, begin at the witness cor. to said sec. cor. (4.30 chs. S. 0° 1' E. from cor. point) and triangulate as follows:

Leave flag on witness cor.
From point on N. rim of canyon, N. 0° 1' W.
from flag measure a base S. 89° 04' W.,
4.22 chs.
From W. end of base, flag brs. S. 19° 12' E.
Included angles are 71° 44', 89° 05',
and 19° 11', the sum of which is
180° 00'.



Triangulated dist. on sec. line is obtained by
 $\frac{\sin 71^\circ 44' \times \text{base}}{\sin 19^\circ 11'}$ or $\frac{.94961 \times 4.22}{.32859} = 12.20$ chs.

2.00

As the W.C. is 4.30 chs. S. 0° 1' E. from sec. cor. point, the triangulation point on line bet. secs. 13 and 14 would be 12.20 chs. - 4.30 chs. = 7.90 chs.
(Approximate) Bottom of Mineral Creek Canyon, 400 ft. deep, Mineral Creek with stream of running water, 15 lks. wide 8 ins. deep, course W.

7.90

Triangulation point on N. rim of canyon, brs. NE. and NW. Continue measurement on sec. line by chaining.

17.40
33.20
40.00

Ascend 30 ft., over rocky, rolling land.
Descend 90 ft. along broken NE. slope.
Draw, course SE. Ascend 85 ft. to
Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, in rock mound for 1/4 sec. cor., marked on brass cap,

1/4
S14 | S13
1917

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

18. Subdivision lines of Township 2 South, Range 13 East.

Chains

71.20 Ascend 350 ft. to
 Top of ascent, brs. NW and SE.; descend 40 ft.
 78.00 Draw, course SE.; ascend 30 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 11, 12, 13 and 14, marked
 on brass cap,

T2S	R13E
S11	S12

S14	S13
1917	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous and rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, palo verde and scrub
 cedar.

40.00 N. 89° 43' E., on a random line, bet. secs. 12 and 13.
 Set temp. ¼ sec. cor.
 80.20 Fall 7 lks. N. of the cor. of secs. 7, 12, 13 and 18, on E. bdy.
 of Tp., hereinbefore described.

Thence,
 S. 89° 46' W., on a true line, bet. secs. 12 and 13.
 Over mountainous land, thru. scattering undergrowth.
 Descend 31 ft. along draw from SE.
 .50 Leave draw, course NW.
 2.40 Same draw, course SW. Descend 140 ft. on broken SW. slope
 to Mineral Creek.

17.20 Trail, Miami to Ray, brs. NE. and SW.
 18.40 ~~Lyon's Fork of Mineral Creek, with stream of running water,~~
 12 lks. wide, 8 ins. deep, course SW.

Ascend 220 ft. along broken SE. slope, to
 33.60 Spur, slopes S.; descend 150 ft. to
 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the
 ground, in rock mound, for ¼ sec. cor., marked on brass
 cap,

S	12
¼	-----
S	13
1917	

43.60 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 69.00 Draw, course SE.; ascend.
 80.20 Spur, slopes SE., 510 ft. above ¼ sec. cor.; descend 220 ft. to
 The cor. of secs. 11, 12, 13 and 14.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Undergrowth, scattering buck brush, scrub oak, catclaw
 and willows:

N. 0° 1' W., bet. secs. 11 and 12.
 Over rough and mountainous land, thru. scattering under-
 growth; ascend 20 ft.
 2.10 Spur, slopes NW.; descend.
 3.80 Draw, course NW. Thence along broken S. slope; ascend 80 ft.
 29.20 Top of ascent; descend gradually over N. slope.
 31.00 Draw, course SW.; ascend 100 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground, in rock mound, for ¼ sec. cor., marked on
 brass cap,

¼	
S11	S12
1917	

Subdivision lines of Township 2 South, Range 13 East. 19

Chains.

42.80 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Ascend 105 ft., over SE. slope.
 48.60 High rocky point, brs. E.; descend 135 ft.
 68.70 Draw, course SE.; ascend 285 ft.
 76.80 Spur, slopes E.; descend 200 ft.
 80.00 Draw, course SE.; ascend 60 ft. to
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 1, 2, 11 and 12, marked
 on brass cap,

T2S	R13E
S 2	S 1
S11	S12

1917

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, mountain mahogany and
 buck brush.

40.00 N. $89^{\circ}46'$ E. on a random line, bet. secs. 1 and 12.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.17 Fall 26 lks. N. of the cor. of secs. 1, 6, 7 and 12, on E. bdy. of
 Tp., hereinbefore described.
 Thence,
 S $89^{\circ}57'$ W., on a true line, bet. secs. 1 and 12.
 Over rolling and mountainous land, thru. scattering un-
 dergrowth.
 1:20 Fence brs. NE. and SW.
 5:30 Road brs. NE. and SW.
 7.90 Leave bottom; ascend 65 ft. to
 9.30 Top of ascent.
 11.00 Descend 58 ft.
 11.20 Fence brs. NE. and SW.
 13.40 Trail, brs. N. and S.
 16.60 ~~Eyes Fork of Mineral Creek, with stream of running water~~
~~4 lks. wide, 3 ins. deep, course S. Ascend.~~
 38.00 Top of ascent; descend.
 40.08 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., in a crack be-
 tween two large boulders, supported in a mound of
 stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

1917

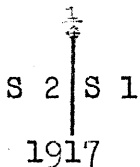
40.50 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 69.80 Draw, course NE.
 73.00 Spur, slopes S.
 78.20 Draw, course S.; ascend 240 ft. on E. slope.
 80.17 Top of ascent.
 The cor. of secs. 1, 2, 11 and 12.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, buck brush, scrub oak and
 mountain mahogany.

N. $0^{\circ}01'$ W., on a true line, bet. secs. 1 and 2.
 Over broken and mountainous land, thru. scattering under-
 growth; ascend.

Subdivision lines of Township 2 South, Range 13 East.

Chains.

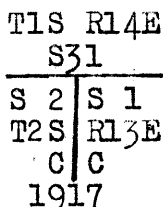
.1.40 Spur, slopes S. Thence along steep and rocky E. slope.
 19.80 Slope changes to NE.; descend 90 ft.
 25.90 Draw, course SE.
 30.90 Slope changes to SE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Ascend 63 ft.

41.70 Spur, slopes SE. Thence along E. slope.
 75.40 Intersect the S. bdy. of sec. 31, T. 1 S., R. 14 E., 17.90 chs. E. of the original cor. of Ts. 1 and 2 S., Rs. 13 and 14 E., changed to cor. of Ts. 1 S., Rs. 13 and 14 E., as hereinafore described.

At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, for closing cor. of secs. 1 and 2, marked on brass cap,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, Ts. 1 and 2 S., R. 13 E., and original $\frac{1}{4}$ sec. cor. of sec. 31, Ts. 1 and 2 S., R. 14 E., each changed to refer to areas N. of line only.

Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, scrub oak and buck brush.

 From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of Tp., described in Book "A,"
 N. $0^{\circ}1'$ W., bet. secs. 34 and 35.
 Over mountainous land, thru. scattering undergrowth.
 Descend along N. slope.

8.50 Small draw, course W.; ascend.
 15.40 Spur, slopes W.
 29.60 Spur, slopes W.; descend 140 ft.
 35.60 Road brs. SW. and NE.
 36.30 Mineral Creek, running water, 1 ch. wide, 1 ft. deep, course S. 20° W.; ascend.
 38.60 Pipe line to Town of Ray, brs. NE. and SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass cap,



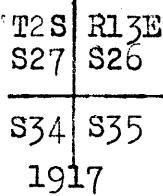
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Ascend.

47.60 Spur, slopes E.; descend 270 ft.
 57.00 House brs. E. 7 chs.
 62.80 Enter wash, course SE. from north. Stream of water, 20 lks. wide, 8 ins. deep, in bottom of wash.
 63.80 Pipe line to Town of Ray, brs. SE. and NW.
 69.60 Leave wash and stream of water course S. from NW.; ascend 150 ft. to

Subdivision lines of Township 2 South, Range 13 East. 21.

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap,



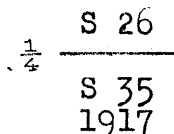
Raise a mound of stone 2 1/2 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, scattering catclaw, palo verde, buck brush and mesquite.

40.00 East, on a random line, bet. secs. 26 and 35. Set temp. 1/4 sec. cor.
79.88 Fall 4 lks. N. of the true point for cor. of secs. 25, 26, 35 and 36.

Thence, N. 89° 58' W., on a true line, bet. secs. 26 and 35. Over broken, mountainous land, thru. scattering undergrowth.

24.40 Descend 410 ft., over NW. slope. Enter wash, course W.; thence along wash.
27.90 Small stream of running water, course S. 85° W. in bottom of wash.

33.80 Leave wash, course SW. Ascend 60 ft. on SE. slope.
35.00 Spur, slopes W.; descend 60 ft.
39.94 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, 2 ft. base, 1 1/2 ft. high, N. of cor.

42.90 Same wash as described above, with stream of running water 18 ins. wide, 2 ins. deep, course NW.; ascend.

45.40 Spur, slopes NW.; descend.

46.40 Mineral Creek with stream of running water, 25 lks. wide, 8 ins. deep, course SW.; ascend.

47.90 Trail and Pipe line to Town of Ray, brs. NE. and SW.

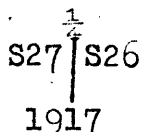
64.70 Ridge, brs. N. and S.; descend.

79.88 The cor. of secs. 26, 27, 34 and 35.

Land, broken and mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, scattering buck brush, palo verde, giant cacti, catclaw and mesquite.

2.00 N. 0° 01' W., bet. secs. 26 and 27. Over mountainous land, thru. scattering undergrowth; ascend.

40.00 Spur, slopes W.; ascend 386 ft. along W. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, in rock mound, for 1/4 sec. cor., marked on brass cap,



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

22 Subdivision lines of Township 2 South, Range 13 East.

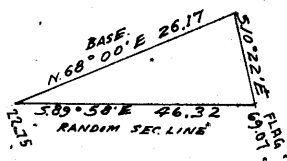
Chains.
 58.70 Ascend 640 ft., over SW. slope.
 Ridge or Divide between Devil's Canyon and Mineral Creek,
 brs. N. and S. Thence on nearly level top of same.
 72.00 Leave top; descend 165 ft. along W. slope of ridge.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 22, 23, 26 and 27, marked on
 brass cap,

T2S	R13E
S22	S23
S27	S26

1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering buck brush, catclaw and mesquite.

22.75 S. 89° 58' E., on random line, bet. secs. 23 and 26.
 West rim of Mineral Creek Canyon, brs. NE. and SW. Dis-
 continue chaining, and triangulate across canyon as
 follows:



Measure a base N. 08° 00' E.,
 26.17 chs.
 Set flag on rocky point, on
 line projected S. 89° 58' E.
 to E. rim of canyon.
 From NE. end of base, flag
 brs. S. 10° 22' E.
 Included angles are 78° 22',
 33° 36' and 22° 02', the
 sum of which is 180° 00'.
 Dist. triangulated on random
 line is obtained by

$$\frac{\text{sine } 78^\circ 22' \times \text{base}}{\text{Sine } 33^\circ 36'}$$
 or

$$\frac{97946 \times 26.17}{.55339} = 46.32 \text{ chs.},$$

69.07 Flag point. Continue line and measurement by chaining.
 80.20 Intersect the cor. of secs. 23, 24, 25 and 26.

Thence,
 N. 89° 58' W., on true line, bet. secs. 23 and 26.
 Over mountainous land, thru. scattering undergrowth; de-
 scend 200 ft. on W. slope.

6.35 Draw, course SW. Trail to Town of Miami in same, brs. N.
 and S.; ascend 15 ft.

9.30 Rocky point slopes S.; descend 25 ft. to

11.14 Flag point of triangulation described above on E. rim of
 Mineral Creek Canyon, brs. N. and S. Thence across
 said canyon, measurement by triangulation; descend
 about 500 ft. to

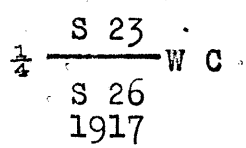
40.10 Point for $\frac{1}{4}$ sec. cor. in bottom of Mineral Creek Canyon.
 This is also the approximate location of Mineral Creek,
 with stream of water about 25 lks. wide, course SW. Im-
 practicable to establish cor. here; therefore, estab-
 lish witness cor. to the $\frac{1}{4}$ sec. cor. on W. rim of can-
 yon.

57.46 Triangulation point on W. rim of canyon, bearing NE. and
 SW.

Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground, in rock mound, for W.C. to $\frac{1}{4}$ sec. cor., mark-
 ed on brass cap,

Subdivision lines of Township 2 South, Range 13 East. 23

Chains.



Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Continue line and measurement by chaining. Ascend over broken NE. slope.

61.31 Ascend along gradual E. slope.

76.21 Ridge, brs. NE. and SW.; descend 75 ft. to

80.20 The cor. of secs. 22, 23, 26 and 27.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth; scattering catclaw, palo verde, buck brush and mesquite.

N. 0° 01' W., bet. secs. 22 and 23.
 Over broken land; thru. scattering undergrowth; ascend 65 ft. on SW. slope, to

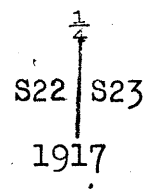
5.00 Ascend 70 ft. to

16.82 Rocky point. Thence across steep broken cliffs by stadia. Mean rod reading = 7.025 ft. ratio 1 ft. = 2 chs. Focal constant, 75 ft. Ver. angle = 1° 50'. Dist by stadia = 14.05 chs. Descent 30 ft.

30.87 Rod point on rocky spur. Thence over broken W. slope. Ascend 50 ft.

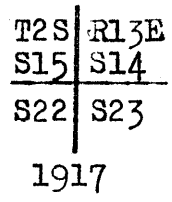
37.00 Top of ridge or divide between Mineral Creek Canyon on the E. and Devils Canyon on the W. Ridge brs. N. and S. Thence over rolling top of divide.

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



Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. Continue over broken and rolling rocky top of divide and small grassy flats.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap,



Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. Land, rolling and broken.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, mesquite and buck brush.

S. 89° 58' E., on a random line, bet. secs. 14 and 23.

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

55.47 Foot of cliffs, bear NE. and SW. Discontinue chain measurement, and make stadia measurement to point on random line at top of cliffs, as follows:

Subdivision lines of Township 2 South, Range 13 East.

Chains.

Mean rod reading = 4.107 ft. Ratio, 1 ft. = 2 chs. Focal constant, .75 ft. Vertical angle + 9°. Dist. by stadia = 8.02 chs. Ascent, = 84 ft.

63.49 Rod point at top of cliffs, forming rim of Mineral Creek Canyon.

63.61 The line from this point E. passes over steep S. wall of canyon, rendering it impracticable to chain measurement to the point for sec. cor.; therefore, traverse to the witness cor. on line bet. secs. 23 and 24, following the rim of Mineral Creek Canyon, as follows:

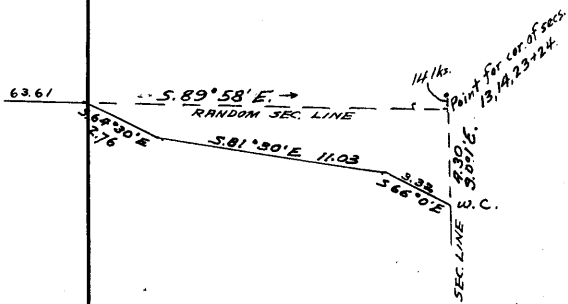
S. 64°30'E. 2.76 chs. Thence by stadia.

Mean rod reading 5.573 ft. Ratio, 1 ft. = 2 chs. Focal constant, .75 ft.

Vertical angle, - 6°10'. Dist. = 11.03 chs. Descent, 78 ft.

S. 81°30'E. 11.03 chs., thence by chaining

S. 66°00'E. 3.32 chs. to witness cor. to cor. of secs. 13, 14, 23 and 24, situate 4.30 chs. S. 0° 1' E. from



80.04 True point for cor. of secs. 13, 14, 23 and 24 at inaccessible point on S. wall of Mineral Creek Canyon. By computing the southing of the random line and traverse, the falling of the random line projected is found to be 14 lks. S. from true point for sec. cor., and the resulting true course of sec. line bet. secs. 14 and 23 is S. 89° 56' W.

From witness cor. to cor. of secs. 13, 14, 23 and 24, traverse along S. rim of Mineral Creek Canyon, as follows:

N. 66°00' W., 3.32 chs. Thence by stadia as described above

N. 81°30' W., 11.03 chs. Descent 78 ft., thence

N. 64°30' W., 2.76 chains, thence

N. 0°1' W., .11 chs. to point on true line at

16.43 South rim of Mineral Creek Canyon, brs. NW. and SE.; thence S. 89°56' W., on true line, bet. secs. 14 and 23, continuing measurement by chaining.

16.55 Over rough, mountainous land, thru. scattering undergrowth. South rim of Mineral Creek Canyon, brs. NE. and SW. Descend 84 ft., over cliffs.

24.57 Measurement by stadia, as described above, to Foot of cliffs, brs. NE. and SW. Descend 250 ft. Continue measurement by chaining.

34.60 Mineral Creek, stream of running water, 20 lks. wide, 6 ins. deep, course SW. in bottom of canyon. Ascend 80 ft. on SE. slope, to

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

S 14
—
1/4
S 23
1917

and raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor. Ascend 125 ft.

43.45 Gulch, course SE. Ascend 630 ft., over rocky E. slope of W. wall of Mineral Creek Canyon.

67.85 W. rim of Mineral Creek Canyon, brs. N. and S. Thence over rolling top of divide, brs. N. and S.

80.04 The cor. of secs. 14, 15, 22 and 23. Land, mountainous and rolling.

Soil, rocky, 4th rate.

No timber.

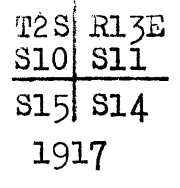
Undergrowth, scattering catclaw, palo verde, mesquite and buck brush.

Chains.

N.0°01'W., bet. secs.14 and 15.
 Over mountainous land, thru. scattering undergrowth.
 Ascend on top of divide, bearing N. and S., over several
 small grassy flats. Ascend 250 ft. to
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
 the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on
 brass cap,

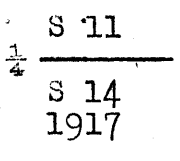


Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, SE. of cor.
 Along top of divide, bearing N. and S. Ascend 370 ft. to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in
 the ground, in rock mound, for cor. of secs. 10, 11, 14
 and 15, marked on brass cap,



Raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, broken and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, scrub oak.

N.89°56'E., on a random line, bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.17 Fall 35 lks. S. of the cor. of secs. 11, 12, 13 and 14,
 Thence,
 S.89°41'W., on a true line, bet. secs. 11 and 14.
 Over mountainous land, thru. scattering undergrowth; descend
 15 ft.
 1.00 Draw, course S.; ascend 60 ft.
 4.50 Spur, slopes SE.; descend 90 ft.
 8.20 Draw, course S.; ascend 100 ft.
 13.17 Spur, slopes SE.; descend 80 ft.
 20.87 Draw, course S.; ascend 75 ft.
 34.60 Spur, slopes S.; descend 170 ft. to
 40.08 1/4 Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in
 the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on
 brass cap,



Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N. of
 . cor. Descend 50 ft.
 44.50 Draw, course SE.; ascend 130 ft.
 49.50 Spur, slopes SE.; descend 185 ft.
 55.40 Draw, course SE.; ascend 375 ft. to
 78.20 Top of ascent; thence over top of divide, bearing N. and
 S.
 80.17 The cor. of secs. 10, 11, 14 and 15:
 Land, rough and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw and buck brush.

N.0°01'W., bet. secs. 10 and 11.
 Over mountainous land, thru. scattering undergrowth.

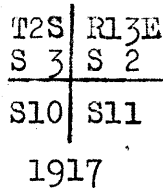
26. Subdivision lines of Township 2 South, Range 13 East.

Chains.

Ascend on top of divide, bearing N. and S.
 23.20 Spur from divide, slopes W.
 26.30 Descend N. slope.
 26.70 Fence brs. NE. and SW.
 26.90 Draw, course W.
 Thence along W. slope of divide.
 40.00 True point for $\frac{1}{4}$ sec. cor. falls in small draw, course W.
 40.35 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, in rock mound for W.C. to $\frac{1}{4}$ sec. cor., marked on brass cap,

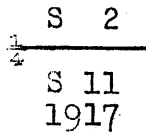


Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Continue along broken and rocky W. slope of divide.
 69.50 Wash, course SW.; leave W. slope. Ascend 205 ft. on SE. slope, to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 10 ins. in the ground, in rock mound for $\frac{1}{4}$ sec. cor., marked on brass cap,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw and scrub oak.

40.00 N. $89^{\circ}41'E.$, on a random line, bet. secs. 2 and 11.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Fall 19 lks. N. of the cor. of secs. 1, 2, 11 and 12.
 Thence,
 S. $89^{\circ}49'W.$, on a true line, bet. secs. 2 and 11.
 Over rough, mountainous land, thru. scattering undergrowth; ascend 280 ft.
 17.00 Spur, slopes SE.
 23.00 Draw, course SE.
 37.00 Spur, slopes SW.
 40.01 Set an iron post 3 ft. long, 1 in. in diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

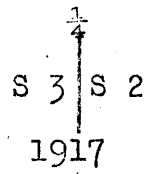


Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 43.00 Draw, course SW.
 48.30 Spur, slopes S.
 56.50 Draw, course SE.
 67.00 Spur, slopes S.
 75.30 Draw, course SW.; ascend 310 ft. to
 80.02 The cor. of secs. 2, 3, 10 and 11.
 Land, rough and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering scrub oak, buck brush, catclaw and manzanita.

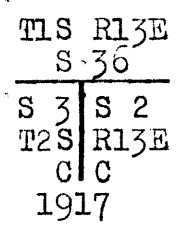
Subdivision lines of Township 2 South, Range 13 East.

Chains.

N.0°01'W., on a true line, bet. secs. 2 and 3.
 Over broken land, thru. scattering undergrowth; ascend 130 ft.
 31.60 Ridge, brs.NE. and SW.; descend 70 ft. on NW.slope, to
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., in stone mound, for $\frac{1}{4}$ sec.cor., marked on brass cap,

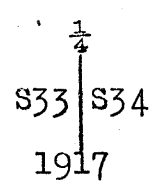


46.20 Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft. high,W. of cor.
 Enter bottom of draw, course W.
 48.90 Leave bottom of draw; ascend.
 67.90 Small spur, slopes SE.
 74.09 Small draw, course SE.
 Intersect the S. bdy. of T.1 S.,R.13 E., 18.29 chs.N.89° 57'E., from reestablished cor.of secs.35 and 36,originally cor.of secs.1,2,35 and 36, but changed as hereinbefore described in notes of resurvey of parts of S. bdy. of T.1 S.,R.13 E.
 At point of intersection,
 Set an iron post, 3 ft.long, 2 ins. in diam., in a mound of stone, for closing cor. of secs. 2 and 3, marked on brass cap,



Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high,S.of cor.
 Land,rough and broken.
 Soil,rocky,3rd and 4th rate.
 No timber.
 Undergrowth, scattering buck brush, mountain mahogany, scrub oak and catclaw.

 From the cor.of secs. 3,4, 33 and 34, on the S. bdy.of the Tp., described in Book "A,"
 N.0°2'W., bet. secs. 33 and 34.
 Over broken and mountainous land, thru. dense undergrowth.
 Descend 120 ft.
 3.80 Draw, course E.; ascend 260 ft.
 9.40 Spur, slopes E.; descend.
 25.40 Descend abruptly, over slide.
 28.60 Draw, course E.; ascend along SE. slope,400 ft.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,



42.10 Raise a mound of stone, 2 $\frac{1}{2}$ ft.base, 2 ft.high, W.of cor.
 Small spur, slopes SE.
 43.50 Draw, course E.; ascend 240 ft.to
 56.50 Spur, slopes E.; descend along NE.slope, 155 ft.
 70.50 Draw, course E.; ascend SE.slope,110 ft.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.27,28, 33 and 34, marked on brass cap,

28 Subdivision lines of Township 2 South, Range 13 East.

Chains.

T2S	R13E
S28	S27
S33	S34

1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, dense buck brush, palo verde with some scrub oak.

40.00 East, on a random line, bet. secs. 27 and 34.
 80.25 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 10 lks. N. of cor. of secs. 26, 27, 34 and 35.
 Thence, N. $89^{\circ}56'$ W., on a true line, bet. secs. 27 and 34.
 Over mountainous land, thru. scattering undergrowth. Descend 130 ft., over broken SW. slope.
 6.00 Creek, running water, 20 lks. wide, 8 ins. deep, course SE. Wash from W. joins creek at this point. Ascend 280 ft. in wash.
 7.00 Pipe line to Town of Ray, brs. SE. and NW.
 14.50 Leave wash, course E. from SW.
 35.00 Enter same wash, course SE. from W.
 39.00 Leave same wash, course E. from NW.; ascend.
 40.12 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

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

1917

45.75 Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
 71.15 Bend in same wash noted above from NW. to NE.; ascend.
 80.25 Spur, slopes SE.; descend.
 The cor. of secs. 27, 28, 33 and 34.
 Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering palo verde, buck brush and mesquite.

.60 N. $0^{\circ}02'$ W.; bet. secs. 27 and 28.
 13.20 Over broken land, thru. scattering undergrowth; ascend.
 20.50 Spur, slopes E.
 28.60 Draw, course E.
 Spur, slopes E.
 Draw, course SE. with stream of running water, 3 lks. wide, 4 ins. deep, in bottom; ascend.
 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,

S28	S27
-----	-----

1917

44.80 Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 60.90 Continue ascent.
 Foot of cliff, 200 ft. high.
 80.00 Slope changes to NE.; descend 215 ft.
 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, in rock mound for cor. of secs. 21, 22, 27 and 28, marked on brass cap,

Chains.

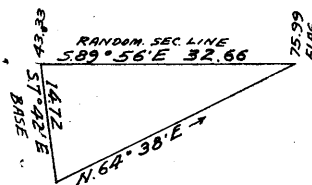
T2S	R13E
S21	S22
S28	S27

1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rough and broken.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering buck brush and corona christa.

40.00 S. 89°56'E., on a random line, bet. secs. 22 and 27.
 43.33 Set temp. 1/4 sec. cor.
 Owing to precipitous descent E. of this point, discontinue chaining, and triangulate across Devil's Canyon, as follows:

Measure a base, S. 7°42'E., 14.72 chs.
 Set flag on line on E. rim of Devil's Canyon.
 From SE. end of base, flag brs. N. 64°38'E.
 Included angles are, 72°20', 82°14', and 25°26', the sum of which is 180° 00'.



Dist. triangulated on random line is obtained by

$$\frac{\sin 72^\circ 20' \times \text{base}}{\sin 25^\circ 26'} \text{ or } \frac{.95284 \times 14.72}{.42946} =$$

75.99 32.66 chs., which added to 43.33 chs. =
 Flag point on random line on E. rim of Devil's Canyon, bearing N. and S.

80.24 Continue line and measurement by chaining.
 Fall 16 lks. S. of cor. of secs. 22, 23, 26 and 27.
 Thence, S. 89°57'W., on true line, bet. secs. 22 and 27.
 Over mountainous land, thru. scattering undergrowth; descend W. slope from divide.

4.25 E. rim of Devil's Canyon, brs. N. and S.; thence across said canyon, measurement by triangulation described in notes of random line.

28.75 (Approximate) Devil's Creek, stream of running water, 20 lks. wide, 10 ins. deep, course SW. in bottom of canyon. Canyon is about 800 ft. deep; ascend 125 ft. to

36.91 Triangulation point on W. wall of canyon. Trail, brs. NE. and SW.

Continue line and measurement by chaining; ascend 100 ft. to 1/4 sec. cor.

37.34 Pipe line to Town of Ray, brs. NE. and SW.

40.12 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, supported by a mound of stone for 1/4 sec. cor., marked on brass cap,

S 22
1/4
S 27

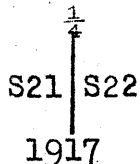
1917

And raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Ascend 70 ft. on SE. slope, to
 50.24 Enter gulch, course SE. from W.; ascend 190 ft. in gulch.
 65.54 Leave gulch, course E. from NW.; ascend 290 ft. to
 80.24 The cor. of secs. 21, 22, 27 and 28.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering buck brush, catclaw, mesquite and giant cactus.

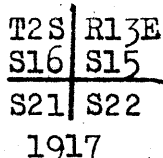
30 Subdivision lines of Township 2 South, Range 13 East.

Chains.

- N.0° 02' W., bet. secs. 21 and 22.
Over mountainous land, thru. scattering undergrowth.
Descend broken NE.slope.
- 4.40 Gulch, with stream of running water, 1 lk.wide, 2 ins. deep, course SE.from spring 2 chs.W.of line.
Ascend SE.slope, 425 ft.
- 21.00 Slope changes to SW.
- 25.27 Saddle, brs.E. and W.; descend.
- 33.50 Draw, course SE.
- 39.50 Spur, slopes SE.
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 10 ins.in the ground, in rock mound for $\frac{1}{4}$ sec.cor., marked on brass cap,

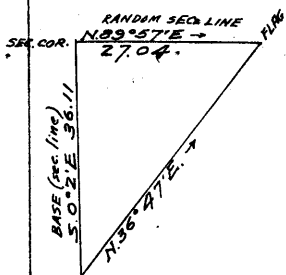


- 69.20 Raise a mound of stone, 3 ft. base, 2 ft.high, W.of cor. Devil's Creek, running water, 20 lks.wide, 10 ins. deep, course E. in bottom of Devil's Canyon.
- 79.13 Ascend 120 ft. over abrupt cliff, brs.NW. and SE.
- 80.00 Set an iron post 3 ft.long, 2 ins. in diam., in a mound of stone, for cor.of secs.15,16,21 and 22, marked on brass cap,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.of cor. Cor.stands at foot of high wall on NE.side of Devil's Canyon.
Land, rough and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering buck brush, mahogany and scrub oak.

N.89°57'E. on random line, bet. secs.15 and 22.
Owing to rough cliffs, bearing NW. and SE. on NE.side of Devil's Canyon, it is impracticable to begin chaining on random line from cor.of secs.15,16,21 and 22; therefore, triangulate as follows:



From cor.of secs.15,16,21 and 22, measure a base on sec.line S.0° 2'E., 36.11 chs.
Set flag on random line, bet.secs. 15 and 22 at NE.rim of Devil's Canyon.
From S.end of base, flag brs.N.36° 47'E.
Included angles are 36°49', 90°01' and 53°10', the sum of which is 180°00'.
Dist.triangulated on random line is obtained by
 $\frac{\text{side } 36^\circ 49' \times \text{base}}{\text{side } 53^\circ 10'}$ or $\frac{.59926 \times 36.11}{.80038}$
= 27.04 chs.

- 27.04 Flag point of above described triangulation. Continue line and measurement by chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec.cor.
- 54.99 W.rim of canyon, brs.N. and S. Discontinue chaining and take stadia measurement across canyon. Mean rod

Subdivision lines of Township 2 South, Range 13 East. 31.

Chains.

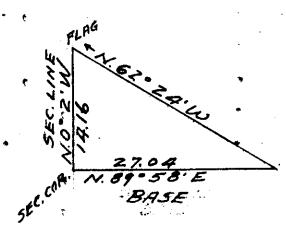
reading, = 4.600 ft. Ratio, 1 ft. = 2 chs. Focal constant = .75 ft. Vertical angle = - 1°00'.
 Dist. by stadia = 9.20 chs. Descent, 10 ft.
 64.19 Rod point on E. rim of canyon, brs. N and S.
 Renew chaining and continue line and measurement.
 80.10 Fall 22 lks. N. of cor. of secs. 14, 15, 22 and 23.
 Thence,
 N. 89°54' W., on true line, bet. secs. 15 and 22.
 Over mountainous land, thru scattering undergrowth; descend
 50 ft., over rolling top of divide, bearing N. and S.
 15.91 East rim of canyon, brs. N. and S.; thence across canyon,
 measurement by stadia, described above; descend about
 500 ft.
 20.50 (Approximate) Bottom of canyon, course S.; ascend about
 500 ft. to
 25.11 West rim of canyon, brs. N. and S. Renew chaining; ascend
 150 ft., over SE. slope, to
 40.05 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,

$$\frac{1}{4} \frac{S 15}{S 22} = 1917$$

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 Ascend 180 ft., over E. slope, to
 53.06 NE. rim of Devil's Canyon, brs. NW. and SE. Descend about
 350 ft. over cliffs to sec. cor.
 Measurement by triangulation described on random line.
 80.10 The cor. of secs. 15, 16, 21 and 22.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw and mesquite.

N. 0°02' W., bet. secs. 15 and 16.
 Over rough, mountainous land, thru scattering undergrowth.
 Ascend over cliffs, bearing N. 60° W. and S. 60° E., measurement by triangulation as follows:

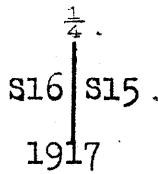
Set flag N. 0°2' W. from sec. cor. at top of cliffs on NE rim of Devil's Canyon.
 From flag point of triangulation on line bet. secs. 15 and 22 (N. 89°57' E., 27.04 chs. from sec. cor.) measure 1 lk. S. to a point, 27.04 chs. N. 89°58' E. from sec. cor., which point is used as the E. end of base; from which point flag bears N. 62°24' W.
 The included angles are 27°38' 90°00', and 62°22', the sum of which is 180°00'.
 Dist. triangulated on sec. line, bet. secs. 15 and 16 is obtained by $\tan 27°38' \times \text{base}$ or $.52353 \times 27.04 = 14.16$ chs.



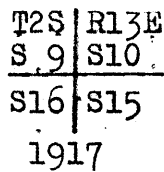
14.16 Flag point of triangulation. Top of cliffs, bearing N. 60° W. and S. 60° E., about 400 ft. above sec. cor., and forming NE. rim of Devil's Canyon. Ascend 115 ft. over SE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bedrock, supported by a mound of stone for 1/4 sec. cor., marked on brass cap,

32. Subdivision of Township 2 South, Range 13 East.

Chains.

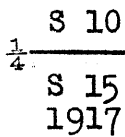


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Ascend 145 ft., over SE. slope, to
 63.10 Spur, slopes E.; descend 62 ft. on N. slope.
 65.20 Draw, course SE.; ascend 80 ft. on S. slope, to
 68.20 Changes to SW. slope; ascend 45 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering buck brush and catclaw.

40.00 S. $89^{\circ}54'$ E., on a random line, bet. secs. 10 and 15.
 Set temp, $\frac{1}{4}$ sec. cor.
 79.80 Fall 16 lks. N. of the cor. of secs. 10, 11, 14 and 15.
 Thence,
 N. $89^{\circ}47'$ W., on a true line, bet. secs. 10 and 15.
 Over mountainous land, thru. scattering undergrowth.
 Descend from top of divide, bearing N. and S., over cliffs facing W.
 15.80 Canyon, course S. 315 ft. below sec. cor.; ascend 165 ft. over E. slope, to
 22.80 W. rim of canyon, brs. N. and S.; ascend 105 ft. to
 39.90 Set an iron post 3 ft. long, 1 in. in diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,



47.30 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 50.30 Descend 250 ft. on W. slope.
 63.40 Canyon, course S.; ascend 200 ft.
 73.30 Spur, slopes S.; descend 225 ft.
 79.80 Canyon, course S.; ascend 285 ft.
 Spur, slopes S.; descend 85 ft. to
 The cor. of secs. 9, 10, 15 and 16.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, buck brush, scrub oak and mountain mahogany.

3.80 N. $0^{\circ}02'$ W., bet. secs. 9 and 10.
 17.80 Over mountainous land, thru. scattering undergrowth; ascend 25 ft.
 27.50 Ridge, brs. NE. and NW.; descend 230 ft. on NW. slope.
 35.20 Draw, course NE.; ascend 210 ft. on SE. slope.
 40.00 Spur, slopes E.; descend 120 ft.
 Draw, course SE.; ascend 150 ft. to
 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the

Subdivision lines of Township 2 South, Range 13 East.

Chains.

ground, in rock mound, for 1/4 sec.cor., marked on brass cap,

1/4
S 9 S10
1917

- 43.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 49.80 Ascend 30 ft. on SW. slope, to Small draw, course SW.; change to SE. slope; ascend 80 ft. to
- 60.40 Spur, slopes SW.; descend 100 ft.
- 69.90 Draw, course SW.; ascend 90 ft.
- 80.00 Spur, slopes W.; descend 100 ft. to Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, in rock mound, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

T2S | R13E
S 4 | S 3
S 9 | S10
1917

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering catclaw, buck brush and scrub oak.

- 40.00 S. 89° 47' E., on a random line, bet. secs. 3 and 10. Set temp. 1/4 sec. cor.
- 79.66 Fall 7 lks. S. of the cor. of secs. 2, 3, 10 and 11, Thence, N. 89° 50' W., on a true line, bet. secs. 3 and 10. Over broken and mountainous land, thru. scattering undergrowth; ascend 200 ft.
- 26.47 Ridge, brs. N. and S.; descend 260 ft.
- 36.66 Draw, course S.; ascend 95 ft. to
- 39.83 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap,

S 3
1/4
S 10
1917

- 47.56 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Descend.
- 56.46 Draw, course SW.; ascend 220 ft.
- 60.36 Spur, slopes S.; descend 70 ft.
- 71.56 Draw, course S.; ascend 100 ft.
- 75.66 Spur, slopes S.; descend 125 ft.
- 79.66 Draw, course SE.; ascend 80 ft. to The cor. of secs. 3, 4, 9 and 10. Land, broken and mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering buck brush and scrub oak.

N. 0° 02' W., bet. secs. 3 and 4. Over mountainous land, thru. scattering undergrowth; asc. 65 ft. on gentle SE. slope to

34. Subdivision lines of Township 2 South, Range 13 East.

Chains.

8.50
40.00

Changes to broken E. slope; ascend 125 ft. to
Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in the
ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass
cap,

$$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 4\ | \ S\ 3 \\ 1917 \end{array}$$
52.50
66.30
73.98

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Ascend 50 ft. over E. slope, to
Small draw, course E.; ascend 115 ft. on SE. slope, to
Ridge, brs. NE. and SW.; descend 50 ft. on NW. slope, to
Intersect S. bdy. of T. 1 S., R. 13 E., 18.78 lks. S. $89^{\circ}55'$
E., from the original cor. of secs. 2, 3, 34 and 35, which
is a granite stone, firmly set in a mound of stone,
marked with 2 notches on E. and 4 notches on W. edge,
and witnessed by mound of stone, N. of cor., and two
bearing trees, one SE. of cor., marked "T2S R13E S2BT.",
and one NW. of cor., marked "T1S R13E S34 BT." Change
this cor. to refer to secs. 34 and 35 only, by chang-
ing marking on SE. bearing tree to read "T2S R13E BT."
At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the
ground, in mound of stone, for closing cor. of secs.
3 and 4, marked on brass cap,

$$\begin{array}{c} T1S\ R13E \\ S35 \\ \hline S\ 4\ | \ S\ 3 \\ T2S\ | \ R13E \\ C\ | \ C \\ 1917 \end{array}$$

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
Change original $\frac{1}{4}$ sec. cor. of secs. 2 and 35, and original
 $\frac{1}{4}$ sec. cor. of secs. 3 and 34, to refer to area N. of
line only.
Land, mountainous.
Soil, rocky, 4th rate.
No timber
Undergrowth, scattering buck brush, scrub oak and cat-
claw.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp.,
described in Book "A,"
N. $0^{\circ}02'$ W., bet. secs. 32 and 33.
Over broken and mountainous land, thru. dense undergrowth.
Ascend.

4.50
14.60
23.66
29.25
40.00

Spur, slopes SW.
Divide, brs. SE. and NW,
Short sharp spur, slopes E.
Draw, course E.
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,

$$\begin{array}{c} \frac{1}{4} \\ | \\ S32\ | \ S33 \\ 1917 \end{array}$$
75.54
80.00

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Wire fence, brs. E. and W.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
in the ground, for cor. of secs. 28, 29, 32 and 33,
marked on brass cap,

Subdivision lines of Township 2 South, Range 13 East. 35

Chains.

T2S	R13E
S29	S28
S32	S33

1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Cor. stands in low saddle of ridge, which brs. NW. and SW.
 Land, broken and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, mesquite, and bunch
 grass.

40.00 East, on a random line, bet. secs. 28 and 33.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.36 Fall 38 lks. N. of the cor. of secs. 27, 28, 33 and 34.
 Thence N. $89^{\circ}44'W.$, on a true line, bet. secs. 28 and 33.
 Over mountainous land, thru. dense undergrowth; ascend 60
 ft. on E. slope, to
 4.20 Spur, slopes NE.; ascend 815 ft. on broken NE. slope, to
 40.18 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mark-
 ed on brass cap,

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

1917

61.00 raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, N. of
 cor.; ascend 250 ft. on E. slope, to
 71.90 Rocky knoll; descend 275 ft. on W. slope..
 80.36 Draw, course NE.; ascend 70 ft. on SE. slope, to
 The cor. of secs. 28, 29, 32 and 33.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, dense scrub oak, mountain mahogany, corona
 Christa, and buck brush.

5.30 N. $0^{\circ}02'W.$, bet. secs. 28 and 29.
 9.80 Over mountainous land, thru. dense undergrowth; ascend
 24.00 90 ft. on SE. slope.
 36.10 Ridge, brs. SE. and NW.
 40.00 Head of draw, course E.
 Spur, slopes E.; descend 300 ft., over NE. slope.
 Draw, course SE.; ascend.
 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in
 the ground, in rock mound for $\frac{1}{4}$ sec. cor., marked on
 brass cap,

$\frac{1}{4}$	S 29	S 28
---------------	------	------

1917

54.80 Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 Ascend.
 80.00 Spur, slopes SE.; descend.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs., 20, 21, 28 and 29, marked
 on brass cap,

36. Subdivision lines of Township 2 South, Range 13 East.

Chains.

T2S	R13E
S20	S21
S29	S28
1917	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rough and mountainous.
Soil, rocky, 3rd and 4th rate.
No timber.
Undergrowth, dense buck brush, corona christa, scrub oak
and scattering cedar.

40.00 S. $89^{\circ} 44'$ E., on a random line, bet. secs. 21 and 28.
Set temp. $\frac{1}{4}$ sec. cor.
80.01 Fall 28 lks. S. of the cor. of secs. 21, 22, 27 and 28.
Thence, on a true line,
N. $89^{\circ} 50'$ W., on a true line, bet. secs. 21 and 28.
Over mountainous land, thru scattering undergrowth; ascend.
32.50 Ridge, brs. N. and S.; descend.
35.20 Enter small valley.
38.70 Leave valley; ascend.
40.00 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in
the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on
brass cap,

S 21
$\frac{1}{4}$
S 28
1917

47.10 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Descend.
56.50 Draw, course SW.
73.90 Ravine, course S.; ascend 450 ft. to cor.
80.01 Small spur, slopes SE.
The cor. of secs. 20, 21, 28 and 29.
Land, mountainous.
Soil, rocky, 3rd and 4th rate.
No timber.
Undergrowth, scattering catclaw, buck brush, scrub oak
and mesquite.

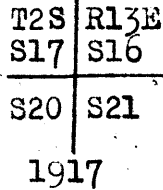
4.40 N. $0^{\circ} 02'$ W., bet. secs. 20 and 21.
Over broken and mountainous land, thru scattering under-
growth.
Ascend over E. slope.
9.60 Leave E. slope, and descend.
36.40 Ravine, course E.; ascend.
40.00 Ridge, brs. SE. and W.; descend.
Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap,

S20	$\frac{1}{4}$	S21
1917		

48.00 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Descend.
65.00 Draw, course NW.
68.40 Draw, course NE.; ascend.
72.50 Small spur, slopes E.; descend.
Corral, brs. E., 3 chs.

Subdivision lines of Township 2 South, Range 13 East. 37

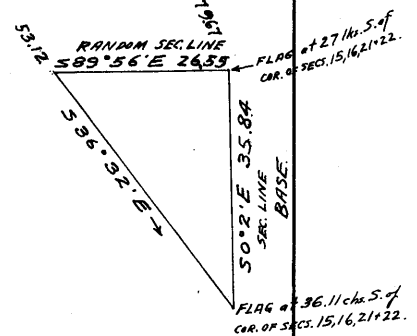
Chains.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground, in rock mound, for cor. of secs. 16, 17, 20 and 21, marked on brass cap,



Raise mound of stone 2 ft. base, 1½ ft. high, W. of cor. Land, broken and mountainous.
Soil, rocky, 3rd and 4th rate.
No timber.
Undergrowth, scattering scrub oak, buck brush, corona christa and mountain mahogany.

40.00 S. 89°56'E., on a random line, bet. secs. 16 and 21.
Set temp. ¼ sec. cor.
53.12 Owing to steep slopes E. of this point, discontinue chaining, and triangulate as follows:

A flag at 27 lks. S. of cor. of secs. 15, 16, 21 and 22, brs. S. 89°56'E., and a flag at 36.11 chs. S. 0°2'E. from same cor., brs. S. 36°32'E. Included angles are 53°24', 36°30', and 90°06', the sum of which is 180°00'.



Triangulated dist. on random line is obtained by

$$\frac{\sin 36^{\circ}30' \times \text{base}}{\sin 53^{\circ}24'} \text{ or } \frac{.59482 \times 35.84}{.80282} = 26.55 \text{ chs.},$$

which added to 53.12 chs. =

79.67 Flag point on random line projected to 27 lks. S. of cor. of secs. 15, 16, 21 and 22.

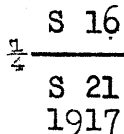
Thence, S. 89°52'W., on true line, bet. secs. 16 and 21. Over mountainous land, thru. scattering undergrowth. Measurement by triangulation described above.

17.00 Descend 488 ft., over SW. slope, to (Approximate) Devil's Creek, running water, 20 lks. wide, 10 ins. deep, course SE., in bottom of Devil's canyon.

26.80 Ascend 468 ft. on steep NE. slope, to Triangulation point. Continue line and measurement by chaining; ascend 180 ft. on NE. slope.

39.17 Top of ascent, brs. N. and S.; descend 15 ft. on NW. slope to

39.83½ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,



Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Descend 25 ft.

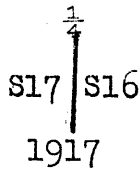
41.00 Draw, course NE.; ascend 630 ft.
53.70 Spur, slopes NE.; descend 330 ft.
62.00 Draw, course N.; ascend 50 ft.
64.60 Spur, slopes N.; descend 100 ft.
68.80 Ravine, course N.; ascend 110 ft. to
79.67 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous.
Soil, rocky, 3rd and 4th rate.
No timber.
Undergrowth, scattering scrub oak, buck brush and mountain mahogany.

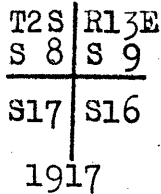
38 Subdivision lines of Township 2 South, Range 13 East.

Chains.

- N.0°02'W., bet. secs.16 and 17.
Over broken and mountainous land, thru.scattering under-
growth; descend 20 ft.
- 12.70 Draw, course E.
- 12.80 Rock fence, brs.E. and W.; ascend 380 ft. on spur, sloping
S.
- 35.20 Spur, slopes NE., SE. and S.; descend 70 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., in a mound of
stones, for $\frac{1}{4}$ sec.cor., marked on brass cap,

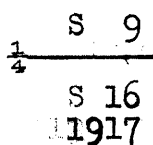


- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Cor. is set in crevice, between two boulders.
Descend 80 ft.
- 46.30 Draw, course NE.; ascend 340 ft. on SE. slope.
- 63.20 Spur, slopes NE.; descend 75 ft.
- 72.70 Draw, course NE.; ascend on E. slope,
- 78.00 Spur, slopes NE.; descend 10 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound
of stone, for cor. of secs. 8, 9, 16 and 17, marked on
brass cap,



- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Cor. stands on rock point, sloping W.
Land, rough and mountainous.
Soil, rocky, 3rd and 4th rate.
No timber.
Undergrowth, scattering buck brush; scrub oak and catclaw.

- N.89°52'E. on random line, bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
- 40.00
- 79.78 Fall 5 lks. S. of the cor. of secs. 9, 10, 15 and 16.
Thence S.89°50'W., on true line, bet. secs. 9 and 16.
Over mountainous land, thru. scattering undergrowth; asc.
10 ft.
- 1.60 Spur, slopes SW.; descend 120 ft.
- 7.30 Draw; course S; ascend 90 ft.
- 16.70 Enter top of spur, slopes SW.
- 21.30 Leave top of spur; descend 560 ft.
- 32.50 Draw, course S.; ascend 20 ft.
- 39.80 Spur, slopes S.; descend 6 ft. to
- 39.89 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in
the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on
brass cap,



- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Descend 50 ft.
- 42.08 Devil's Creek, running water, 20 lks. wide, 12 ins. deep,
course S.; ascend 765 ft. to
- 70.20 Spur, slopes NE.; descend 90 ft.
- 75.68 Draw, course N.; ascend 80 ft.
- 78.20 Spur, slopes NE.; descend 22 ft. to
- 79.78 The cor. of secs. 8, 9, 16 and 17.

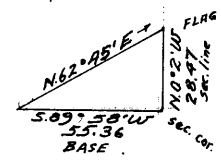
Survey of Subdivision lines of Township 2 South, Range 13 East. 39

Chains.

Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering catclaw and scrub oak.

N.0°02' W., bet. secs. 8 and 9.
Over mountainous land, thru. scattering undergrowth.
Owing to steep slopes at the south end of this line, begin measurement by triangulation as follows:

Set flag on sec. line, N.0°2' W. from cor. of secs. 8, 9, 16 and 17 at a point on spur, sloping NE. From said sec. cor., measure a base S. 89°58' W., 55.36 chs. From W. end of base, flag brs. N. 62°45' E.

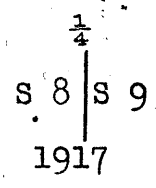


Included angles are 27°13', 62°47' and 90°00', the sum of which is 180°00'.

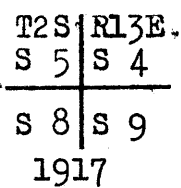
Dist. on sec. line to flag is obtained by tang. 27° 13' x base or .51430 x 55.36 = 28.47 chs.

From sec. cor. take stadia measurement N.0°2' W. to bottom of ravine, as follows: Mean rod reading = 5.310 ft. Ratio, 1 ft. = 2 chs. Focal constant .75 ft. Vertical angle = - 27°. Horizontal dist. = 8.43 chs. Descent = 283 ft.

- 8.23 Rod point in bottom of ravine, course NE.; ascend about 300 ft. over steep SE. slope, to
- 28.47 Flag point of above described triangulation, on spur, sloping NE.; descend 100 ft. on NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, in rock mound, for 1/4 sec. cor., marked on brass cap,



- 50.80 Descend abruptly over cliffs, bearing E. and W.
- 56.50 Enter draw, course SE. at confluence with draw, course NE.
- 59.60 Leave draw; ascend 510 ft. over steep SW. slope.
- 73.40 Spur, slopes SE.; descend 95 ft.
- 78.00 Small draw, course E.; ascend 10 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in mound of stone, for cor. of secs. 4, 5, 8 and 9; marked on brass cap,

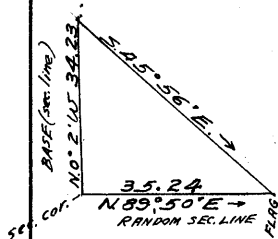


Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering scrub oak and buck brush.

40 Subdivision lines of Township 2 South, Range 13 East.

Chains.

N.89°50'E., on a random line, bet. secs.4 and 9. Owing to steep slopes of Devil's Canyon in W. 1/2, bet. secs. 4 and 9, it is impracticable to begin chaining on random line from cor. of secs.4,5,8 and 9; therefore, triangulate as follows:



Set flag N.89°50'E. from sec. cor., on E. rim of Devil's Canyon.

From sec. cor., measure a base, on sec. line, bet. secs.4 and 5, N.0°2'W., 34.23 chs. by triangulation as hereinafter described in notes of line bet. secs.4 and 5.

From N. end of base, flag brs. S. 45°56'E.

Included angles are 45°54', 44°14' and 89°52', the sum of which is 180° 00'.

Dist. triangulated on random line is obtained by

$$\frac{\sin 45^\circ 54' \times \text{base}}{\sin 44^\circ 14'}$$

$$\frac{.71813 \times 34.23}{.69758} = 35.24 \text{ chs.}$$

35.24 Flag point. Continue line and measurement by chaining.

40.00 Set temp. 1/4 sec. cor.

79.76 Fall 50 lks. N. of cor. of secs. 3, 4, 9 and 10.

Thence:

N.89°49'W., on true line, bet. secs.4 and 9.

Over mountainous land, thru scattering undergrowth; ascend 60 ft.

9.30 Ridge, brs. N. and S.; descend 170 ft.

19.80 Draw, course S.; ascend 175 ft.

33.56 Ridge, brs. N. and S.; descend 20 ft.

37.26 Small draw, course S.; ascend.

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

S 4
 1/4
 S 9
 1917

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Ascend 70 ft.

42.66 Ridge, brs. N. and S.; descend 10 ft. to

44.52 Flag point of triangulation hereinbefore described, on E. rim of Devil's Canyon, bearing N. and S. Thence by triangulated measurement. Descend 565 ft.

57.50 (Approximate) Devil's Creek, running water, 20 lks. wide, 8 ins. deep, course S., in bottom of canyon; ascend 410 ft. to

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

Land, rolling and mountainous..

Soil, rocky, 3rd and 4th rate.

No timber.

Undergrowth, scattering buck brush and scrub oak.

N.0°2'W., on true line, bet. secs.4 and 5.

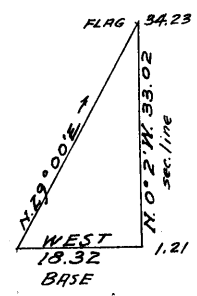
Over mountainous land, thru scattering undergrowth.

1.21 S. rim of canyon, brs. NW. and SE. Impracticable to chain across canyon; therefore, triangulate as follows:

Subdivision lines of Township 2 South, Range 13 East. 41

Chains.

Measure a base, West 18.32 chs.
 Set flag on sec. line, on N. rim of canyon.
 From W. end of base, flag brs. N. 29°00'E.
 Included angles are 61°00', 29°02' and 89°58', the sum of which is 180°00'.



Dist. triangulated on sec. line is obtained by $\frac{\text{sine } 61^{\circ}00' \times \text{base}}{\text{sine } 29^{\circ}02'}$ or $\frac{.87462 \times 18.32}{.48532} = 33.02 \text{ chs.}$,

which added to 1.21 chs. gives location of flag as 34.23 chs. N. 0°02'W. from sec. cor.

- 10.00 (Approximate) Bottom of canyon, 2 chs. wide, course SE., 350 ft. below sec. cor.; ascend 405 ft. on steep S. slope.
- 34.23 Flag point on N. rim of canyon brs. NW. and SE. on spur sloping SE. Continue line and measurement by chaining.
- 40.00 Descend 120 ft. on rocky NE. slope, to Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked on brass cap,

$\frac{1}{2}$
 S 5 S 4
 1917

- 72.56 Raise a mound of stone, 2 ft. base, around post, and another W. of cor. Descend 220 ft., over gradual NE. slope, to Set an iron post 3 ft. long, 2 ins. in diam., in a mound of stone, for W.C. to the C.C. of secs. 4 and 5, marked on brass cap,

W C
 T1 S R13E
 S34
 S 5 S 4
 T2 S R13E
 C C
 1917

- 73.71 Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Intersect the S. bdy. of T.1 S., R.13 E., 18.85 chs. S. 89° 55'E. from the original cor. of secs. 3, 4, 33 and 34, which is a boulder 20x6x3 ft. above ground, marked with a cross (x) on top, and 3 grooves E. and 3 grooves W. of cross, and witnessed by mound of stone, N. of cor. No bearing trees. This cor. now refers to secs. 33, and 34 only; no change in marking or accessory is required. Point of intersection falls in Devil's Creek, running water, 20 lks. wide, 8 ins. deep, course SE. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering catclaw, buck brush and mesquite.

- 14.87 From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp., described in Book "A," N. 0°3'W., on a true line, bet. secs. 31 and 32. Over broken, mountainous land, thru. scattering undergrowth. Descend.
- 40.00 Draw, course N. 20°W. 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,

Subdivision lines of Township 2 South, Range 13 East.

Chains.

$\frac{1}{4}$
 S31 | S32
 1917

67.50 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Arizona Superior Mining Company, brs. W. about 20 chs.
 Wash, 1 ch. wide, course W.
 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in
 the ground, in rock mound, for cor. of secs. 29, 30, 31
 and 32, marked on brass cap,

T2S | R13E
 S30 | S29
 S31 | S32
 1917

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, broken and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering palo verde, mesquite and catclaw.

40.00 East, on a random line, bet. secs. 29 and 32.
 79.98 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 2 lks. N. of the cor. of secs. 28, 29, 32 and 33.
 Thence,
 N. $89^{\circ}59'$ W. on a true line, bet. secs. 29 and 32.
 Over broken and mountainous land, thru. dense undergrowth.
 Ascend.
 7.50 Descend W. slope.
 30.00 Draw, course N.; ascend.
 39.99 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 29
 S 32
 1917

44.00 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 67.64 Short spur, slopes N.
 79.98 Spur, slopes N.; descend.
 The cor. of secs. 29, 30, 31 and 32.
 Land, broken and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, dense buck brush, scrub oak and catclaw.

16.81 West, on a true line, bet. secs. 30 and 31.
 22.34 Over broken land, thru. scattering undergrowth; descend
 40.00 W. slope.
 Draw, 50 lks. wide, course N.
 Small ridge, brs. N. and S.; descend.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

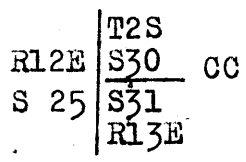
$\frac{1}{4}$ S 30
 S 31
 1917

Raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Subdivision lines of Township 2 South, Range 13 East.

Chains.

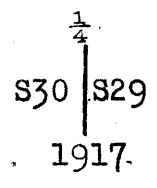
56.36 Thence descend gently over nearly level land.
 Intersect E. bdy. of T. 2 S., R. 12 E. at 4.47 chs. N. 0° 25' E.
 from reestablished cor. of secs. 25 and 36, hereinbefore described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 30 and 31, marked on brass cap,



1917

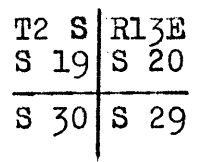
Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
 Land, broken, drains W., nearly level, W. of ¼ sec. cor.
 Soil, sandy, 3rd rate.
 No timber.
 Undergrowth, scattering palo verde, catclaw, corona christa,
 and bunch grass.

19.20 From cor. of secs. 29, 30, 31 and 32,
 N. 0° 3' W., bet. secs. 29 and 30.
 40.00 Along W. slope, over broken land and dense undergrowth.
 Draw, course W.; ascend S. slope, over limestone bluffs.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,



1917

44.40 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Continue to ascend.
 55.21 Spur, slopes W.
 72.50 Head of draw, course W.; ascend SW. slope.
 80.00 Short spur, slopes NW.; descend.
 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,



1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, broken mountains, drains SW.
 Soil, gravelly, 3rd rate.
 No timber.
 Undergrowth, dense catclaw, buck brush and scrub oak.

40.00 S. 89° 59' E., on a random line, bet. secs. 20 and 29.
 Set temp. ¼ sec. cor.
 80.21 Fall 12 lks. N. of the cor. of secs. 20, 21, 28 and 29.
 Thence,
 N. 89° 54' W., on a true line, bet. secs. 20 and 29.
 Over rough, mountainous land and undergrowth.
 2.00 Spur, slopes N.
 4.00 Small draw, course N.
 27.60 Ridge brs. NE. and SE.; descend.
 38.50 Draw, course SW.

44. Subdivision lines of Township 2 South, Range 13 East.

Chains.
40.10 $\frac{1}{2}$

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

S 20
 $\frac{1}{4}$ —————
S 29
1917

42.60
60.00
68.70
80.21

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Spur, slopes S.
Draw, course S.
Ridge, brs. NE. and SW.
The cor. of secs. 19, 20, 29 and 30.
Land, rough and mountainous.
Soil, rocky, 4th rate.
Undergrowth, buck brush, catclaw, corona christa and scrub oak.

West, on a true line, bet. secs. 19 and 30.
Over broken and mountainous land, thru. scattering undergrowth.

4.70
19.90
40.00

Spur, slopes NW.
Wash, 1 ch. wide, containing spring of good water, course SW.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 19
 $\frac{1}{4}$ —————
S 30
1917

49.36
55.87

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Draw, 50 ft. wide, course S.
Intersect the E. bdy. of Tp. 2 S., R. 12 E., 4.66 chs. N. 0° 16' W. from reestablished cor. of secs. 24 and 25, hereinbefore described.
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. 19 and 30, marked on brass cap,

T2S
R12E | S19 — CC
S24 | S30
R13E
1917

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Land, broken mountains.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, catclaw and bunch grass.

11.73
40.00

From cor. of secs. 19, 20, 29 and 30, N. 0° 03' W., bet. secs. 19 and 20.
Over broken, mountainous land, thru. scattering undergrowth.
Descend 108 ft. to
Draw, course W.; ascend S. slope.
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,

$\frac{1}{4}$
S19 | S20
1917

Subdivision lines of Township 2 South, Range 13 East. 45

Chains.

50.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Continue ascent, 380 ft. to
 62.00 Ridge, brs. E. and W.
 80.00 Large basin, nearly level, brs. NE. and SW.
 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound
 of stone, for cor. of secs. 17, 18, 19 and 20, marked on
 brass cap,

T2S	R13E
S18	S17
S19	S20

1917

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, broken and mountainous.
 Soil, shallow, rocky, 3rd rate.
 No timber.
 Undergrowth, scattering mesquite, catclaw, scrub oak,
 and buck brush.

40.00 S. 89°54'E. on a random line, bet. secs. 17 and 20.
 79.98 Set temp. 1/4 sec. cor.
 Fall 23 lks. N. of the cor. of secs. 16, 17, 20 and 21.
 Thence,
 N. 89°44'W., on a true line, bet. secs. 17 and 20.
 34.50 Ascend rocky SE. slope, 640 ft. to
 39.99 Ridge, brs. N. and S.; descend.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for 1/4 sec. cor., marked on brass cap,

S 17
1/4
S 20

1917

51.80 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of
 cor.
 Continue to descend.
 64.60 Draw, course NE.; ascend 325 ft. to
 69.50 Spur, slopes N.; descend 140 ft. to
 73.80 Draw, course N.; ascend.
 76.95 Spur, slopes NW.; descend 190 ft.
 79.80 Enter small valley, drains NE.
 79.98 Leave valley.
 The cor. of secs. 17, 18, 19 and 20.
 Land, rough and broken.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering oak, buck brush, catclaw and
 mesquite.

26.50 West, on true line, bet. secs. 18 and 19.
 40.00 Ascend S. slope, over boulders and scattering undergrowth.
 Descend SW. slope.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for 1/4 sec. cor., marked on brass cap,

S 18
1/4
S 19

1917

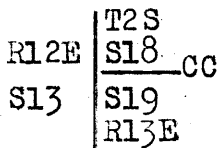
56.11 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Continue to descend.
 Intersect the E. bdy. of T. 2 S., R. 12 E., 5.36 chs. N. O.

46. Subdivision lines of Township 2 South, Range 13 East.

Chains.

26'E., from reestablished cor. of secs.13 and 24, here-
inbefore described.

At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in
the ground, in rock mound, for closing cor. of secs.18
and 19, marked on brass cap,



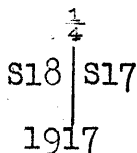
1917

Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
Land, broken.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering catclaw, scrub oak, buck brush
and bunch grass.

From cor. of secs.17,18,19 and 20,
N.0° 03' W., bet. secs. 17 and 18.
Over mountainous land, thru. scattering undergrowth.
Ascend SE. slope, 120 ft. to

- 8.70
- 13.70
- 25.60
- 32.60
- 40.00

Spur, brs. NE. and SW.; descend.
Draw, course NE.; ascend 210 ft.
Spur, slopes NE.; descend N. slope, 140 ft.
Draw, course NE.
Set an iron post 3 ft. long, 1 in. in diam., in a mound of
stone, for ¼ sec. cor., marked on brass cap,

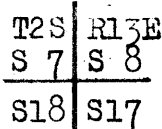


1917

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Cor. stands on spur, sloping NE.

- 41.50
- 49.60
- 57.00
- 65.00
- 73.90
- 80.00

Descend NE. slope, 185 ft. to
Draw, course NE.
Spur, slopes E.
Draw, course NE.; ascend rocky SE. slope, 420 ft. to
Spur, slopes NE.; descend 210 ft.
Set an iron post, 3 ft. long, 2 ins. in diam., in a mound
of stone, for cor. of secs.7,8,17 and 18, marked on
brass cap,



1917

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rough and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering catclaw, buck brush and scrub
oak.

- 40.00
- 80.23

S.89°44'E., on a random line, bet. secs.8 and 17.
Set temp. ¼ sec. cor.
Fall 30 lks. S. of the cor. of secs.8,9,16 and 17.
Thence,
N.89°57'W., on a true line, bet. secs.8 and 17.

Chains.

Over mountainous land, thru dense undergrowth.
 Descend 230 ft. to
 9.50 Enter bottom, covered with thick brush, brs. NE.
 19.50 Leave bottom and ascend SE. slope.
 32.00 Spur, slopes SW.; descend rocky W. slope, 100 ft.
 38.70 Enter small valley.
 40.11½ Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
 the ground, in rock mound, for ¼ sec. cor., marked on
 brass cap,

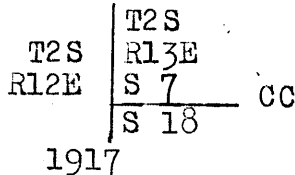
S 8
 ¼
 S 17
 1917

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 41.00 Leave valley; ascend 450 ft.
 55.50 Ridge, brs. N. and S.; descend 490 ft.
 68.00 Draw, course N.; ascend SE. slope, 270 ft.
 76.40 Spur, slopes NE.
 80.23 The cor. of secs. 7, 8, 17 and 18.
 Land, rough and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scrub oak, catclaw and buck brush.

West, on true line, bet. secs. 7 and 18.
 Over mountainous land, thru scattering undergrowth.
 5.10 Draw, course NE.; ascend SE. slope, 220 ft.
 22.70 Small spur, slopes S.
 29.00 Small draw, course SE.; ascend 330 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
 the ground, in rock mound, for ¼ sec. cor., marked on
 brass cap,

S 7
 ¼
 S 18
 1917

Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 49.60 Small draw, course NE.
 53.90 Divide, brs. N. and S.; descend W. slope.
 55.88 Intersect the E. bdy. of T. 2 S., R. 12 E., 5.45 chs. N. 0° 15'
 E. from reestablished cor. of secs. 12 and 13, herein-
 before described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound
 of stone, for closing cor. of secs. 7 and 18, marked
 on brass cap,



Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering catclaw, buck brush and scrub
 oak.

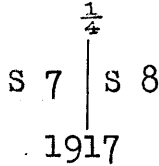
From cor. of secs. 7, 8, 17 and 18,
 N. 0° 3' W., bet. secs. 7 and 8.

48 Subdivision lines of Township 2 South, Range 13 East.

Chains.

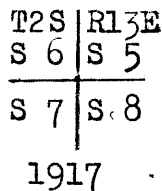
Over mountainous land, thru scattering undergrowth.
Descend 130 ft.

- 5.90 Draw, course NE.; ascend 170 ft.
- 12.30 Spur, slopes NE.; descend 170 ft.
- 17.10 Draw, course NE.
- 26.30 Spur, slopes NE.; descend 140 ft.
- 30.70 Draw, course NE.; ascend 140 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground, in rock mound for $\frac{1}{4}$ sec. cor., marked on brass cap,



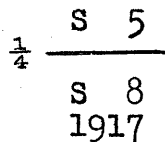
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Continue ascent 130 ft.

- 43.80 Spur, slopes E.; descend 160 ft.
- 51.80 Draw, course E.; ascend rocky S. slope, 200 ft.
- 60.40 Spur, slopes E.; descend 210 ft.
- 77.40 Slope changes to NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, in rock mound, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rough and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering buck brush and scrub oak.

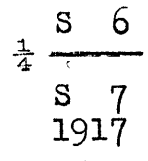
-
- 40.00 S. $89^{\circ}57'E.$, on a random line, bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.
 - 80.18 Intersect the cor. of secs. 4, 5, 8 and 9.
Thence,
N. $89^{\circ}57'W.$ on a true line, bet. secs. 5 and 8.
Over broken and mountainous land, thru scattering undergrowth.
 - 30.90 Spur, slopes SE.
 - 36.30 Small draw, course S.
 - 40.09 Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in the ground, in rock mound, for $\frac{1}{4}$ sec. cor., marked on brass cap,



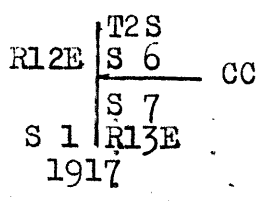
- 42.40 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 50.30 Spur, slopes S.
- 57.80 Small draw, course S.
- 68.90 Ridge, brs. NE. and SW.
- 74.60 Descend NW. slope, 60 ft.
- 79.70 Draw, course NE.
- 80.18 Spur, slopes NE.
- 80.18 The cor. of secs. 5, 6, 7 and 8.
Land, rough and broken.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering scrub oak and buck brush.

Subdivision Lines of Township 2 South, Range 13 East.

West, on a true line, bet. secs. 6 and 7.
 Over mountainous land, thru. scattering undergrowth.
 7.50 Draw, course NE.; ascend NE. slope, 130 ft.
 13.20 Top of ascent, thence over broken N. slope.
 21.50 Descend gentle NW. slope.
 26.80 Small draw, course NW.; ascend NE. slope, 140 ft.
 34.10 Spur, slopes NW.; descend NW. slope, 110 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., in mound
 of stone on top of a large boulder, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap,

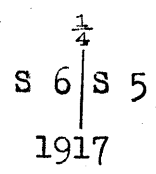


42.40 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 Draw, course NE.; ascend NE. slope, 200 ft.
 55.10 Spur, slopes NE.
 55.40 Intersect the E. bdy. of T. 2 S., R. 12 E., 5.63 chs. N. $0^{\circ}01'$
 E. from reestablished cor. of secs. 1 and 12, hereinbe-
 fore described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound
 of stone on top of a large rock, for closing cor. of
 secs. 6 and 7, marked on brass cap,



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering scrub oak and buck brush.

From cor. of secs. 5, 6, 7 and 8,
 N. $0^{\circ}03'W.$, on a true line, bet. secs. 5 and 6.
 Over rocky, broken land; descend NE. slope, 200 ft. to
 7.60 Draw, course NE.
 20.60 Low spur, slopes E.
 23.00 Draw, course E., containing stream of running water, 4 lks.
 wide, 3 ins. deep.
 Ascend SE. slope, 220 ft. 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,



63.40 Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Ascend 50 ft. to
 73.36 Top of ascent; thence over broken E. slope.
 Intersect S' bdy. of T. 1 S., R. 13 E., 18.80 chs., S. $89^{\circ}55'$
 E. from reestablished cor. of secs. 32 and 33, hereinbe-
 fore described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in
 the ground, in rock mound, for closing cor. of secs.
 5 and 6, marked on brass cap,

50 Subdivision lines of Township 2 South, Range 13 East.

Chains.

T1S R13E
S33

S 6	S 5
T2S	R13E
C	C

1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Change original ¼ sec. cor. of secs. 4 and 33 to refer to sec. 33 only.

Land, mountainous.
Soil, gravelly and rocky, 3rd and 4th rate.
No timber.
Undergrowth, scattering buck brush and scrub oak.

Boundaries of Township 2 South, Range 13 East.
Latitudes, departures and closing errors.

Line designated,	Course	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	456.33				456.33
West boundary,	N. 0° 08' W.	35.20	35.20			.08
	N. 0° 09' W.	40.25	40.25			.11
	N. 0° 25' E.	40.08	40.08			.29
	N. 0° 02' E.	39.75	39.75			.02
	N. 0° 16' W.	39.47	39.47			.18
	N. 0° 33' W.	39.89	39.89			.38
	N. 0° 26' E.	39.41	39.41			.30
	N. 0° 22' E.	40.46	40.46			.26
	N. 0° 15' E.	79.74	79.74			.34
	N. 0° 01' E.	39.45	39.45			.01
	N. 1° 05' E.	39.65	39.64			.75
North boundary,	S. 89° 49' E.	35.75		.12	35.75	
	S. 89° 55' E.	240.00		.35	240.00	
	N. 80° 57' E.	40.39	.04		40.39	
	N. 87° 51' E.	39.98	1.50		39.95	
	East	78.56			78.56	
	N. 89° 55' E.	19.39	.03		19.39	
East boundary,	South,	475.63		475.63		
Convergency,					.47	
Totals,			474.91	476.10	456.48	457.08
				474.91		456.48
Error in latitude,				1.19		
Error in departure,					0.60	

GENERAL DESCRIPTION.

This township is rough, broken and mountainous with the exception of a strip bearing north and south in sections 30 and 31 of about 300 acres in area, which has a gently rolling surface.

The township is drained by Mineral Creek, Lyon's Fork of Mineral Creek and Devil's Creek, all of which traverse deep canyons and carry a permanent flow of water.

There are several springs to which pipe lines have been connected, conveying the water to the houses in this township and to the town of RAY in T. 3 S., R. 13 E.

The soil of the entire township is rocky, 4th rate and is unsuitable for cultivation. There is no timber. An undergrowth of catclaw, buck brush, scrub mesquite, palo verde, cedar and oak, and cactus is prevalent in all parts, though dense in some parts.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, William B. Kimmel, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 71, Arizona, bearing date of the 4th day of February, 1916, 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 ~~East~~ South Boundary of T. 1 S. of R. 14 E., and ~~TO BE SURVEYED~~ those parts or portions of the Subdivisional Lines of TOWNSHIP 2 SOUTH, RANGE 13 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and diagram on page 1 hereof, the foregoing field notes ^{as} having been executed by me, and under my direction; and that all the corners of said ^{resurvey 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 71, 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.

*San Francisco, Calif.
January 10, 1920.*

William B. Kimmel
U. S. Surveyor.

APPROVAL.

~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~

, 191

The foregoing field notes of the survey of

executed by _____, 191 _____, having been under his special instructions dated _____, 191 _____, critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

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

U. S. Surveyor General.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Roy J. Gill, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 71, Arizona, bearing date of the 4th day of February, 1916, 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 South boundary of TOWNSHIP 1 SOUTH, RANGE 13 EAST, and East boundary of TOWNSHIP 2 SOUTH, RANGE 12 EAST, and surveyed all those parts or portions of the Subdivision lines of TOWNSHIP 2 SOUTH, RANGE 13 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of resurvey & 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 71, 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.

Phoenix, Arizona, July 5, 1920.

Roy J. Gill (deceased) U. S. Surveyor.

By [Signature] APPROVAL. Ass't. Supervisor of Surveys District No. 5.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, February 7, 1921.

The foregoing field notes of the re-survey of parts of the South bdrs. of Townships 1 South, Ranges 13 & 14 East, and all of the East bdy. of Township 2 South, Range 12 East, and the survey of the East bdy. and Subdivision lines of TOWNSHIP 2 SOUTH, RANGE 13 EAST,

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

executed by Roy J. Gill, and William B. Kimmel, U. S. Surveyors, under special instructions dated Feby. 4, 1916, for Group 71, Arizona, re-surveyed and critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature] 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.