

3313

Book "A."

4-679

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3313

BOOK 3313
FIELD NOTES

Retracement and Resurvey of part of the

SOUTH BOUNDARY,

Resurvey and Survey of part of

EAST BOUNDARY,

Resurvey and Survey of part of

SUBDIVISION of

TOWNSHIP 1 SOUTH, RANGE 2 EAST

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Sidney E. Blout,

In the capacity of U. S. Cad. Eng., under Special Instructions dated Feb. 26, 1919,
issued by the United States Surveyor General to govern surveys included in Group
No. 91, which were approved by the Commissioner of the General Land
Office, March 18, 1919, and Assignment Instructions dated March 21, 1919

Survey commenced March 26, 1919

Survey completed April 16, 1919.

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~~INDEX DIAGRAM.~~

Township _____, Range _____

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

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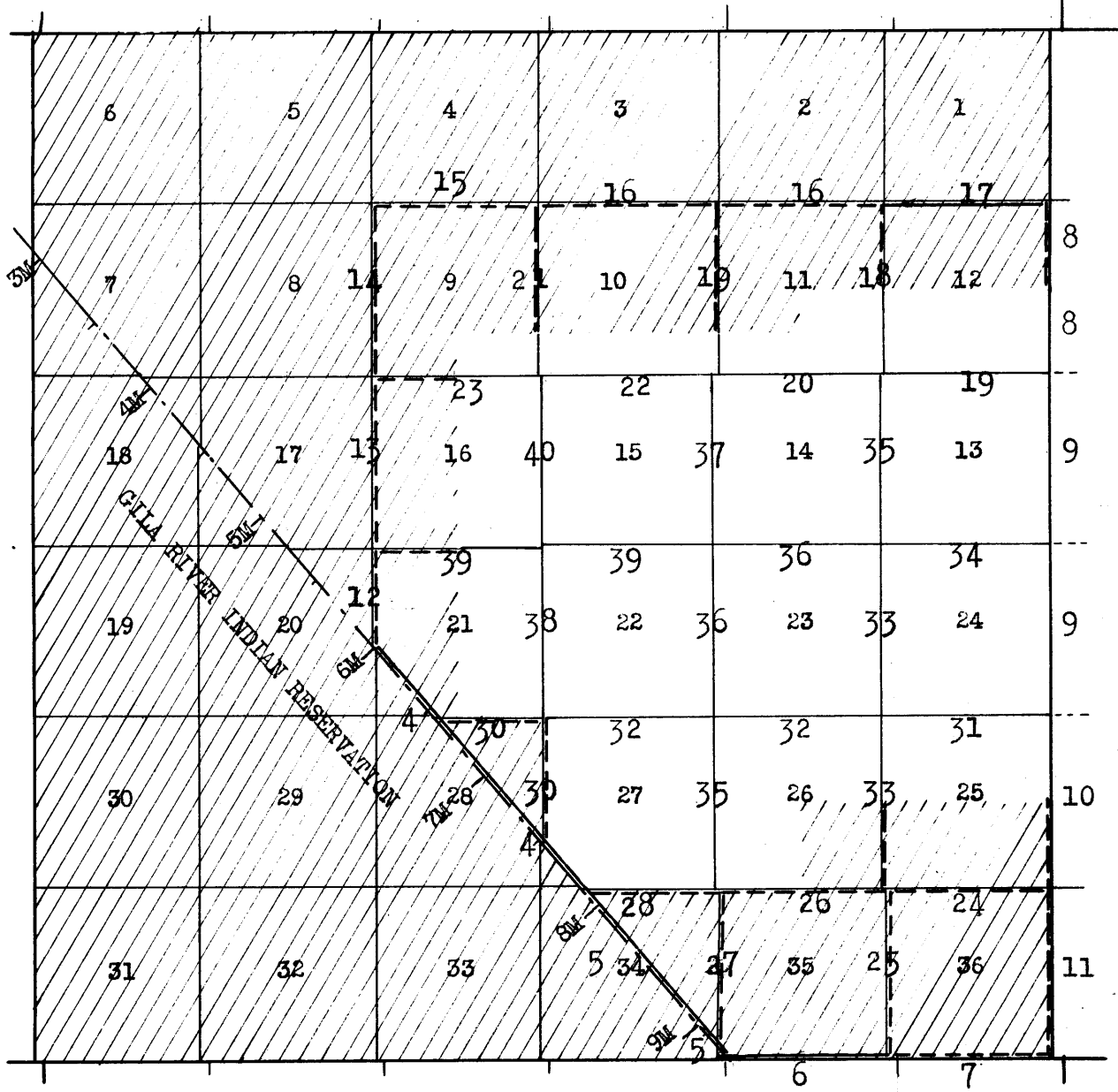
Book "A"

BOOK 3313

INDEX DIAGRAM

T. 1 S., R. 2 E.

Gila and Salt River Base Line



- Lines surveyed under this Group
- ==== Lines resurveyed under this Group
- ===== Lines retraced under this group
- Unsurveyed
- //// Areas surveyed as per accepted plats on file
- Surveved lines

DATE DIAGRAM

T. 1 S., R. 2 E.

Gila and Salt River Base Line

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

GILA RIVER INDIAN RESERVATION

_____ Surveyed)
 _____ Resurveyed) On dates shown above
 _____ Retraced) by
 Sidney E. Blout, U. S. Cadastral Engineer.

The retracements, resurveys and surveys hereinafter described were executed on dates shown on diagram on page 2 hereof, by Sidney E. Blout, U.S. Cadastral Engineer, using a Buff light mountain transit no. 9984, provided with the improved Smith solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Phoenix, Arizona, found correct, and was approved by the Assistant Supervisor of Surveys for Arizona and California, March 1, 1919, conditional upon satisfactory field tests.

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

March 22, 1919.

At the 6 mile cor., on the NE. boundary of the Gila Indian Reservation, which is a granite stone 20x20x16 ins., firmly set, marked and witnessed as described by the surveyor general, latitude, $33^{\circ}19'24''$ N., longitude, $112^{\circ}10'13''$ W. At 7h.30m. p.m., l.m.t., observe Polaris at western elongation, and mark the direction thus determined by a tally pin in stake driven in the ground 5 chs. N. of cor.

March 23, 1919. At 7h. 30m., a.m., lay off the azimuth of Polaris $1^{\circ}20'30''$ to the east, and mark the meridian thus determined by a nail driven in stake set firmly in the ground 5 chs. N. of cor.

At 8h.7m. a.m., set off $33^{\circ}19\frac{1}{2}'$ N., on the lat. arc; $0^{\circ}48'$ N., on the decl. arc, and determine a meridian with the solar, and mark a point thereof by a nail driven in stake already set 5 chs. N. of cor. This point falls 0.4 ins. E. of the mark determined by the Polaris observation.

At 4h. 07m. p.m., set off $33^{\circ}19\frac{1}{2}'$ N., on the lat. arc; $0^{\circ}56'$ N., on the decl. arc, and determine a meridian with the solar, and mark a point thereof by a nail driven in the stake already set 5 chs. N. of cor. on which the solar meridian falls 0.6 ins. W. of the meridian established by the Polaris observations.

The solar apparatus by a.m. and p.m. observations defines positions for meridians, respectively, about $0'21''$ E. and $0'31''$ W. of the meridian established by the Polaris observation; therefore, conclude that the adjustments of the instrument are satisfactory.

All measurements are made with a Lufkin 5 chain steel tape, compared with a Chesterman Standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined and the slope measurements, properly reduced to the true horizontal distances.

4. Retracement of part of NE. bdy. of Gila River Indian Reservation.

Chains.

- At the 6 mile cor. on the NE. boundary of the Gila River Indian Reservation, hereinafore described, from which the closing cor. from the north of secs. 20 and 21 hrs. N. $40^{\circ}57'W.$, 51 lks. dist.,
- I turn from the meridian established at this cor., an angle of $139^{\circ}02'$ from the north toward the east.
- Thence,
S. $40^{\circ}58'E.$, on a random line on 7th mile.
- .17 Intersect the closing cor. of secs. 20 and 21, T.1 S., R. 2 E. from the south on Reservation line, which is an iron post, 1 in. in diam., set 36 ins. in the ground, marked and witnessed as described by the surveyor general.
- 39.93 Fall 2 lks. N. $49^{\circ}02'E.$ of the $6\frac{1}{2}$ mile cor., which is a granite stone $16 \times 12 \times 12$ ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- True course and dist. between the 6 and $6\frac{1}{2}$ mile cors., S. $40^{\circ}56'E.$, 39.93 chs.
- Thence,
S. $40^{\circ}58'E.$, on a random line.
- 1.27 Intersect the closing cor. of secs. 21 and 28, T.1 S., R. 2 E., closing on the Reservation boundary from the west, which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 2.18 Intersect the closing cor. of secs. 21 and 28, T.1 S., R. 2 E., closing on the Reservation boundary from the east, which is the decayed end of an ironwood post in center of ring of stone.
- 21.37 Fall 2 lks. S. $49^{\circ}02'W.$, of the $\frac{1}{2}$ sec. closing cor. of sec. 28 from the south.
- 39.96 Fall 4 lks. S. $49^{\circ}02'W.$ of the 7 mile cor., which is a granite stone $14 \times 12 \times 8$ ins., above ground, firmly set, marked and witnessed as described by the surveyor general.
- True course and dist. bet. the $6\frac{1}{2}$ and 7 mile cors. are S. $41^{\circ}01'E.$, 39.96 chs.
-
- S. $40^{\circ}58'E.$, on a random line on 8th mile.
- 14.43 Fall 3 lks. S. $49^{\circ}02'W.$ of the $\frac{1}{2}$ sec. closing cor. of sec. 28 on the Reservation boundary from the west, which is an iron post 1 in. in diam., 14 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 39.94 Fall 2 lks. N. $49^{\circ}02'E.$ of the $7\frac{1}{2}$ mile cor., which is a granite stone $14 \times 13 \times 12$ ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- True course and dist. bet. the 7 and $7\frac{1}{2}$ mile cors. are S. $40^{\circ}56'E.$, 39.94 chs.
- Thence,
S. $40^{\circ}58'E.$, on a random line.
- 2.63 Intersect the closing cor. of secs. 27 and 28, T.1 S., R. 2 E., closing on the Reservation boundary from the south, which is an iron post 1 in. in diam., 14 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 3.03 Intersect the old closing cor. of secs. 27 and 28, closing on the Reservation boundary from the north, which is a post greatly decayed, marks nearly obliterated, set loosely in a mound of stone, with a mound of stone N. of post.
- 27.49 Fall 3 lks. S. $49^{\circ}02'W.$ of the closing cor. of secs. 27 and 34 from the west on the Reservation boundary, which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

Retracement of part of NE. bdy. of Gila River Indian Reservation. 5

Chains.

- 28.19 Fall 4 lks. S. 49° 02' W., of the closing cor. of secs. 27 and 34 from the east on the Reservation bdy., which is a mesquite post greatly decayed, loosely set in a mound of stone, with mound of stone E.
- 39.37 Fall 5 lks. S. 49° 02' W., of the 8 mile cor. on NE. bdy. of the Indian Reservation, which is a granite stone 12 x 12 x 8 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. True course and dist. bet. the 7½ and 8 mile cors. are therefore S. 41° 02' E., 39.37 chs.

- S. 40° 58' E., on a random line on 9th mile.
- 25.22 Intersect the ¼ sec. cor. closing cor. of sec. 34 on the Reservation boundary from the south, which is an iron post, 1 in. in diam., 14 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general.
 - 39.96 Fall 1 lk. S. 49° 02' W., of the 8½ mile cor., which is a granite stone 14 x 12 x 10 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. True course and dist. bet. the 8 and 8½ mile cors. are therefore S. 40° 59' E., 39.96 chs. Thence, S. 40° 58' E., on a random line.
 - 1.05 Intersect the ¼ sec. cor. closing cor. from the west, on the NE. boundary of the Indian Reservation from the west, which is an iron post 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
 - 29.94 Intersect the 9 mile cor., which is a malpais stone, 16 x 12 x 10 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. True course and dist. bet. the 8½ and 9 mile cors. are therefore S. 40° 58' E., 29.94 chs.

- S. 40° 58' E., on a random line, on 10th mile.
- 15.74 Fall 1 lks. S. 49° 02' W., of the closing cor. of secs. 34 and 35, T. 1 S., R. 2 E., from the north on NE. bdy. of Indian Reservation, which is a post greatly decayed, loosely set in a mound of stone, marks almost obliterated.
 - 15.92 Fall 1 lk. S. 49° 02' W., of the closing cor. of secs. 34 and 35 on NE. bdy. of Reservation from the south, which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
 - 24.20 Fall 1 lk. S. 49° 02' W., of angle point on N. bdy. of T. 2 S., R. 2 E., which is a malpais stone 18 x 14 x 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. BK 2010 Pg. 40, 41 True course and dist. from the 9 mile cor. to Angle Point are S. 40° 59' E., 24.20 chs.

b. Retracement and Resurvey of part of S bdy. of T.1 S. R.2 E.

Chains.

Retracement:

- Begin at the cor. of secs. 34 and 35, on S. bdy. of T.1 S. R.2 E., which is a malpais stone 8x7x5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- thence,
East, on a random line on S. bdy. of sec. 35.
- 4.51 Intersect the closing cor. of secs. 2 and 3, T.2 S., R.2 E., which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 5.45 Intersect angle point at the intersection of the NE bdy. of the Gila River Indian Reservation with the S. bdy. of T.1 S., R.2 E., hereinbefore described.
- 24.60 Fall 5 lks. S. of 1/16 sec. cor. No. 2, sec. 2, T.2 S., R.2 E., which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 39.98 Fall 8 lks. S. of the 1/4 sec. cor., which is an iron post, 1 in. in diam., 14 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
True course and dist. of west half mile on S. bdy. of sec. 35 is N. 89° 53' E., 39.98 chs.
Thence from 1/4 sec. cor.,
East on a random line.
- 4.55 Fall 3 lks. S. of 1/16 sec. cor. of sec. 2, T.2 S. R.2 E., which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 24.60 Fall 22 lks. S. of 1/16 sec. cor. No. 1 sec. 2, T.2 S., R.2 E., which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 39.97 Fall 24 lks. S. of cor. of secs. 35 and 36, which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. Alongside of iron post is a mesquite post, 3 ins. square, 14 ins. above ground, also marked and witnessed as described in the original field notes.
True course and dist. of east half mile of S. bdy. of sec. 35 is N. 89° 39' E., 39.97 chs.

Retracement for Resurvey:

- N. 89° 38' E., on a random line on S. bdy. of sec. 36.
- 4.59 Intersect the closing cor. of secs. 1 and 2, T.2 S., R.2 E., which is an iron post 1 in. in diam., 14 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 24.57 Intersect the 1/16 sec. cor. No. 2 of sec. 1, T. 2 S. R.2 E., which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 40.00 Find no trace of the 1/4 sec. cor. after diligent search; therefore, continue line and measurement,
- 44.55 Intersect the 1/4 sec. cor. of sec. 1, T.2 S. R. 2 E., which is an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 64.52 Intersect the 1/16 sec. cor. No. 1, sec. 1, T.2 S., R.2 E., which is an iron post 1 in. in diam., 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
- 77.52 Intersect the cor. of T.1 S., R. 2 and 3 E., which is a malpais stone 10x8x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
True course and dist. on S. bdy. of sec. 36 is N. 89° 38' E., 77.52 chs.

Chains.

Resurvey:

Being unable to find the $\frac{1}{4}$ sec.cor.on S.bdy.of sec.36,I resurvey this mile as follows:

S.89°38'W.,on a true line,on S.bdy.of sec.36.

Over rolling land,thru.scattering brush.

13.00 The 1/16 sec.cor.No.1, sec.1,T.2 S.,R.2 E., as hereinbefore described.

20.63 Wood road brs.NW. and SE.

24.63 Wash,6 lks.wide,1 $\frac{1}{2}$ ft.deep,course S.

32.98 The $\frac{1}{4}$ sec.cor.of sec.1,T.2 S.,R.2 E., hereinbefore described.

38.76 (Proportional dist.) 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 36

1919

No trees.suitable for bearing trees within limits; raise a mound of stone 2.ft.base,1 $\frac{1}{2}$ ft.high,N,of cor.

52.53 Wood road, brs.N. and S.

52.95 Intersect the 1/16 sec.cor. No.2,sec.1,T.2 S.,R.2 E., hereinbefore described.

60.52 Wash,5 lks.wide, course S.

72.93 The closing cor.secs.1 and 2, T.2 S.,R.2 E., hereinbefore described.

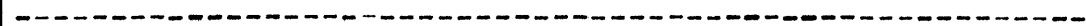
77.52 The cor.of secs.35 and 36.

Land, rolling.

Soil, stony, 3rd rate.

No timber.

Undergrowth, palo verde, mesquite, ironwood and greasewood.



8. Retracement, Resurvey & Survey of E. bdy. of T.1 S., R.2 E.

Chains.

Retracement for Survey and Resurvey:

Begin at the cor. of T.1 S., R.2 and 3 E., hereinbefore described.

Thence,

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

At 40.00 chs. find no trace of the $\frac{1}{4}$ sec. cor.; therefore, continue line and measurement; and at

79.96 Fall 10 lks. E. of the evident remains of the cor. of secs. 25, 30, 31 and 36, which is a mesquite stake, decayed off at the surface of the ground, with remains of mound of earth.

True course and dist. bet. secs. 31 and 36 is N.0°04'W., 79.96 chs.

North, on a random line, bet. secs. 25 and 30.

At 40.00 chs., fail to find any trace of the $\frac{1}{4}$ sec. cor. after diligent search. Set temp. $\frac{1}{4}$ sec. cor.

Thence north on random line along the E. bdy. of Tp., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs.

240.00 Make diligent search for $\frac{1}{4}$ sec. cor., bet. secs. 7 and 12. Find no trace of same. Continue line and measurement.

280.14 Fall 32 lks. E. of the true point for cor. of secs. 1, 6, 7 and 12, established as hereinafter described. The falling answers to a correction of 0°5' or 11 lks. W. per mile, counting from the $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30; therefore, I resurvey the line bet. secs. 31 and 36, S. $\frac{1}{2}$ mile between secs. 25 and 30, and N. $\frac{1}{2}$ mile of line bet. secs. 7 and 12, and complete the survey of the unsurveyed portion of the east bdy. as follows:

Resurvey:

South, bet. secs. 7 and 12 from true point for cor. of secs. 1, 6, 7 and 12 in Western Canal, on N. $\frac{1}{2}$ mile.

.10 Leave canal, over rolling land, thru. scattering timber and brush.

15.50 Wash, 20 lks. wide, 8 ft. deep, course NW

40.00 At record dist., reestablish $\frac{1}{4}$ sec. cor. as follows:

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

$\frac{1}{4}$
S12 | S 7
1919

No trees suitable for bearing trees within limits; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Survey:

From the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, above described, to complete survey of east bdy.,

S.0°03'E., on a true line on S. $\frac{1}{2}$ mile.

Leave rolling land, brs. NE. and SW.; enter hilly land; ascend NE. slope, 115 ft.

24.95 Ridge, brs. N.10°W. and S.10°E. Descend over SE. slope, 10 ft.

26.15 Wash, 10 lks. wide, course NW. Ascend over NE. slope, 105 ft. over mountainous land.

39.37 Point of spur, brs. NE. and SW. Descend over SE. slope, 43 ft.

40.14 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 on brass cap,

T1S
R2E | R3E
S12 | S 7
S13 | S18

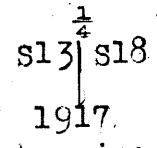
1919

Retracement, Resurvey and survey of E. bdy. of T. 1 S. R. 2 E. 9

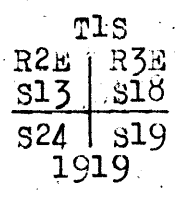
Chains.

No trees suitable for bearing trees available; raise a mound, of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling, hilly and mountainous. Soil, stony, 2nd and 3rd rate. Timber, scrub palo verde and mesquite. Undergrowth, greasewood brush, 4 ft. high.

S. 0° 03' E., bet. secs. 13 and 18. Descend SE. slope, 10 ft. over mountainous land, thru scattering timber and undergrowth. 3.00 Ravine, 1 1/2 lks. wide, course N. 20° E.; asc. N. slope of Salt River mountains, 240 ft. 34.65 Mountain ridge, brs. E. and W. Desc. over S. slope 543 ft. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

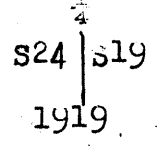


No trees suitable for bearing trees available; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. 42.71 Ravine, 8 lks. wide, course SE. Asc. over NE. slope, 57 ft. 46.15 Top of stony spur, brs. NW. and SE.; desc. over SW. slope, 248 ft. 72.35 Ravine, 8 lks. wide, course NE. Ascend over NW. slope, 37 ft. 74.75 Spur, brs. N. 80° W. and S. 80° E. Descend over SW. slope, 50 ft. 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked on brass cap,



No trees suitable for bearing trees within limits; raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, mountainous. Soil, stony, 3rd and 4th rate. Timber, scattering scrub palo verde and mesquite. Undergrowth, greasewood brush 4 ft. high.

S. 0° 3' E., on a true line, bet. secs. 19 and 24. Over mountainous land, thru scattering timber and brush. Ascend 14 ft. over NE. slope. 4.17 Spur, brs. NW. and SE.; descend over SW. slope, 14 ft. 7.66 Wood road, brs. NE. and SW. Desc. over SW. slope, 24 ft. 8.16 Wash, 10 lks. wide, course SW. Asc. over NE. slope, 447 ft. 12.66 Road from the Gila River Indian Reservation to Phoenix, Arizona, brs. E. and W. 16.16 Road to deserted mine, brs. NE. and SW. 39.80 Point of spur, brs. E.; desc. over S. slope, 16 ft. 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. 43.20 Ravine, 6 lks. wide, course NE. Asc. over NW. slope, 330 ft. 47.61 Top of spur, brs. NE. and SW.; desc 51 ft. 50.51 Ravine, 6 lks. wide, course NE. Ascend over NE. slope, 114 ft.

10 Retracement, Resurvey & survey of E. bdy. of T. 1 S. R. 2 E.

Chains. Survey, continued.

- 58.62 Spur, brs. E. and W.; descend over S. slope, 105 ft.
 69.90 Ravine, 10 lks. wide, course SE. Asc. over NE. slope, 40 ft.
 74.86 Mountain ridge, brs. N. 60° W. and S. 60° E. Desc. over SW. slope,
 along side of ridge,
 80.00 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,

T1S
 R2E | R3E
 S24 | S19
 S25 | S30
 1919

No trees suitable for bearing trees within limits; raise
 a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, stony, 3rd and 4th rate.
 Timber, scattering scrub palo verde and mesquite.
 Undergrowth, greasewood brush, 4 ft. high.

- S. 0° 03' E. on a true line, betw. secs. 25 and 30.
 Descend abrupt rocky SW. slope of Salt River mountain 874
 ft., thru. scattering scrub timber and undergrowth.
 24.30 Dry ravine, 15 lks. wide, course SW. Asc. over NW. slope
 of spur, 96 ft.
 28.55 Spur, brs. E. and W.; desc. over S. slope, 190 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for reestablished ¼ sec. cor., marked on
 brass cap,

S25 | S30
 1919

No trees suitable for bearing trees available; raise a
 mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Thence continue measurement as
RESURVEY:

- 44.49 Ravine, 100 lks. wide, banks 15 ft. high, course E. Ascend.
 44.60 Road to abandoned mine, brs. E. and W.
 58.28 Top of stony spur, brs. N. 80° W. and S. 80° E., 147 ft. above
 wash; descend over SW. slope, 302 ft.
 75.00 Foot of steep descent; leave mountainous land, brs. E. and
 W.; enter rolling, stony desert land.
 79.00 Wash, 100 lks. wide, 10 ft. deep, course W.
 80.00 Intersect remains of old cor. of secs. 25, 30, 31 and 36,
 hereinbefore described. Destroy remains of old cor.,
 and set an iron post 3 ft. long, 2 ins. in the ground,
 for reestablished cor. of secs. 25, 30, 31 and 36, marked
 on brass cap,

T1S
 R2E | R3E
 S25 | S30
 S30 | S31
 1919

No trees suitable for bearing trees available; raise a
 mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling and mountainous.
 Soil, stony, 3rd and 4th rate.
 Timber, scattering scrub palo verde, mesquite and iron-
 wood.
 Undergrowth, greasewood brush 4 ft. high.

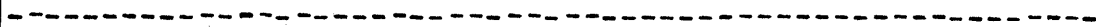
retracement, Resurvey & survey of E. bdy. of T. 1 S. 2 E. 11.

Chains.

- S. 0° 4' E., on a true line, bet. secs. 31 and 36.
- Over rolling land, thru. scattering timber and undergrowth.
- 12.96 Old abandoned road, bds. NE. and SW.
- 22.46 Wash, 15 lks. wide, 4 ft. deep, course SW.
- 26.96 Wash, 10 lks. wide, 3 ft. deep, course SW.
- 39.98 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap.



- No trees suitable for bearing trees available. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W of cor.
- 48.26 wash, 8 lks. wide, 2 ft. deep, course SW.
- 53.96 Wash, 6 lks. wide, $2\frac{1}{2}$ ft. deep, course SW.
- 70.56 Wash, 5 lks. wide, 3 ft. deep, course SW.
- 79.96 The cor. of T. 1 S., R. 2 and 3 E.
- Land, rolling valley.
- Soil, stony, 3rd rate.
- Timber, scattering scrub palo verde, mesquite and iron-wood.
- Undergrowth, greasewood brush 4 ft. high.



Chains.

Retracement for Resurvey:

At the closing cor. of secs. 20 and 21 from the north on the NE. bdy. of the Gila River Indian Reservation, which is a mesquite post, 2 ft. long, 3 ins. sq. in west wheel track of road, broken off and worn level with the surface of the ground, marks on post nearly obliterated. From this cor., the 6 mile cor. on the NE. bdy. of the Gila River Indian Reservation brs. S. 40° 57' E., 51 lks. dist.

7.68 Thence, North, on a random line, bet. fracl. secs. 20 and 21. Fall 13 lks. W. of point for 1/4 sec. cor., which I relocate by bearing and dist. from the stump of the ironwood bearing tree, described in the original field notes, after diligent search for remains of the original cor. described as an ironwood post.

True course and length of line bet. secs. 20 and 21 from restored point for 1/4 sec. cor. back to the closing cor. is S. 1° W., 7.68 chs.

40.32 Thence from restored point for 1/4 sec. cor., North, on a random line.

Fall 15 lks. E. of the cor. of secs. 16, 17, 20 and 21, which is a river boulder 4x10 ins. above ground, loosely set, marked with 4 notches on E. and 3 notches on S. edges, with remains of 4 pits and mound of earth around stone. The bearing trees described as cor. accessories destroyed.

True course and dist. of north half mile of line bet. secs. 20 and 21 is N. 0° 13' W., 40.32 chs.

Reestablish the cor. of secs. 16, 17, 20 and 21, as follows: Alongside of old cor., set an iron post, 3 ft. long, 2 ins. in diam., 32 ins. in the ground for cor. of secs. 16, 17, 20 and 21, marked on brass cap,

T1S | R2E
S17 | S16
S20 | S21
1919

Redig pits, 18x18x12 ins. in each sec. 5/8 ft. dist., and scatter the dirt.

RESURVEY:

Thence, S. 0° 13' E., on a true line, bet. secs. 20 and 21. Over level, sandy valley land, slopes SW.
.32 Road to settlements on Indian Reservation, brs. E and W.
6.30 Wash, 4 lks. wide, 1 ft. deep, course S. 70° W.
11.32 Wash, 5 lks. wide, 8 ins. deep, course S. 65° W.
19.32 Road from the Gila Indian Reservation to Laveen, Arizona, brs. N. 20° E. and S. Thence along E. side of road in fenced lane.

40.32 Intersect the restored point for 1/4 sec. cor. in road. Set an iron post, 3 ft. long, 1 in. in diam., 40 ins. in the ground for reestablished 1/4 sec. cor., marked on brass cap,

1/4
S20 | S21
1919

No trees suitable for bearing trees within limits. Omit other accessories as they would interfere with the traffic on road.

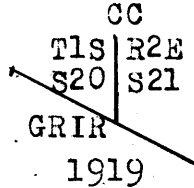
Thence from 1/4 sec. cor.

S. 1° 00' W., on a true line in road.

Retracement, Resurvey and Survey of
subdivision lines of Township 1 South, Range 2 East.

Chains.

7.68 intersect the old closing cor. of secs. 20 and 21 on NE. bdy. of the Gila river Indian reservation described above. The post being greatly decayed with marks nearly obliterated, and in road, I reestablish this cor. as follows: Alongside of old post, Set an iron post 3 ft. long, 3 ins. in diam., 40 ins. in the ground, for closing cor. of secs. 20 and 21, marked on brass cap;



No trees suitable for bearing trees within limits. Omit other accessories, as they would interfere with the traffic on road.
Land, level valley.
Soil, dry, sandy loam, 1st rate.
No timber on line.

Retracement for Resurvey:

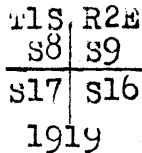
North, on a random line, bet. secs. 16 and 17.
At 40.00 chs. make diligent search for the $\frac{1}{4}$ sec. cor., which I am unable to find; therefore, continue line and measurement.

79.56 Fall 5 lks. E. of the recognized cor. of secs. 8, 9, 16 and 17, which is a granite boulder, 10x8x6 ins., buried 14 ins. in the ground at intersection of center line of crossroads, brs. E. and W. and N. and S., marked with four indistinct notches on E. edge.

True course and length of mile bet. secs. 16 and 17 is N. 0° 02' W., 79.56 chs.

The marks on stone being almost obliterated, I reestablish the cor. as follows:

Alongside of stone, Set an iron post, 3 ft. long, 2 ins. in diam., 40 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap,



From this point, the decayed end of stake at foot of a giant cactus 20 ins. in diam., 30 ft. high, described in field notes brs. N. 0° 40' W., 243 lks. dist.

Resurvey:

There, S. 0° 02' E., on a true line, bet. secs. 16 and 17.

Over level sandy land in center of public road, from the Gila Indian River Reservation to Phoenix, Arizona.

.48 A point 45 lks. E. of cor. of wire fence brs. S. and W., and 50 lks. W. of cor. of wire fence on E. side of road, brs. S. and E.

39.56 Bridge, over irrigating canal, 12 lks. wide, 4 ft. deep, flows W. Cor. of wire fence along W. side of road brs. W. 45 lks. dist. Cor. of fence along E. side of road, brs. E. 48 lks. dist.

39.78 The proportional dist. and point of intersection of center line of ranch road thru. the center of sec. 17 with road from the Indian reservation to Phoenix, Set an iron post 3 ft. long, 1 in. in diam., 40 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East.

Chains.

on brass cap,

1
s17 | s16
1919

Omit the accessories to this cor., as same would interfere with traffic on road.

- 40.00 Leave road, brs. S. 20° E.; enter greasewood brush.
- 48.56 Wash, 4 lks. wide, 1 ft. deep, course W.
- 50.56 Ranch road brs. E. and W.
- 71.86 Wash, 4 lks. wide, 1 ft. deep, course W.
- 77.26 Wash, 5 lks. wide, 1 ft. deep, course W.
- 78.26 Road from Indian settlements to Phoenix, Arizona, brs. E. and W.
- 79.56 The cor. of secs. 16, 17, 20 and 21.
Land, level.
Soil, sandy loam, 1st rate.
No timber.

Retracement for Resurvey:

North, on a random line, bet. secs. 8 and 9.

At 40.00 chs., no trace of the 1/4 sec. cor. can be found; therefore, continue line and measurement, and at 80.00 chs. make diligent search for the cor. of secs. 4, 5, 8 and 9; no trace of which can be found.

- 80.33 Fall 35 lks. W. of point of intersection of center line of public road to Phoenix, Arizona, brs. E. and W. with the center line of road from the Gila River Indian Reservation to Phoenix, Arizona, brs. N. and S., at which point I reestablish the cor. of secs. 4, 5, 8 and 9, as follows:
Set an iron post 3 ft. long, 2 ins. in diam., 40 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap,

T1S | R2E
S 5 | S 4
S 8 | S 9
1919

Omit accessories, as bearing trees are not available, and other accessories would seriously interfere with the traffic on roads.

True course and length of mile bet. secs. 8 and 9 is N. 0°15'E., 80.33 chs.

Resurvey:

Thence, S. 0°15' W. on true line, bet. secs. 8 and 9.

Over level sandy land, along center of public road.

- .50 Cor. of wire fence along W. west side of road, brs. S. 48 lks. dist.
- 1.00 The store and postoffice at Lavean, Arizona, brs. E. 100 lks. dist.
- 2.50 A point 45 lks. W. of cor. of wire fence along E. side of road.
- 40.16 (Proportional dist.) On line with property division lines in secs. 8 and 9, set an iron post 3 ft. long, 1 in. in diam., 40 ins. in the ground, for reestablished 1/4 sec. cor., marked on brass cap,

s 8 | s 9
1919

Omit accessories to this cor., as no bearing trees are

Retracement, Resurvey and Survey of
subdivision lines of Township 1 South, Range 2 East.

chains.

- available, and other accessories would interfere with travel on the road.
- 79.82 A point 47 lks. E. of cor. of wire fence on W. side of road, brs. N. and S., and 48 lks. W. of cor. of wire fence on E. side of road, brs. N. and E.
- 80.33 The cor. of secs. 8, 9, 16 and 17.
Land, level.
Soil, sandy loam, 1st rate.
No timber.

Retracement for Resurvey:

S. 89° 43' E., on a random line, bet. secs. 4 and 9.
At 40.11 chs. no trace of the $\frac{1}{4}$ sec. cor. can be found after diligent search; therefore, continue line and measurement. At 79.28 chs. fall 46 lks. S. of point of intersection of center line of the main travelled public road from Laveen to Phoenix, Arizona, with center line of public road, fenced on both sides with property line fences, brs. N. and S., where I drive a stake to mark the point.
At 80.21 chs., the record dist., no trace can be found of the cor. of secs. 3, 4, 9 and 10; therefore, I return to the stake set to mark the intersection of public road lines, which I accept as the best evidence obtainable at the present time of the location of the original cor.
Set an iron post 3 ft. long, 2 ins. in diam., 40 ins. in the ground for reestablished cor. of secs. 3, 4, 9 and 10, marked on brass cap,

T1S	R2E
S 4	S 3
S 9	S 10
1919	

Omit accessories to this cor., as there are no bearing trees available, and other accessories would interfere with traffic on the roads.
True course and length of line bet. secs. 4 and 9 are N. 89° 52' E., 79.28 chs.

Resurvey:

- There, S. 89° 52' W., on a true line, bet. secs. 4 and 9.
Over level, sandy land in center of public road, from Laveen to Phoenix, Arizona.
- .50 A point 48 lks. S. of cor. of wire fence on N. side of road, brs. N. and W., and 46 lks. N. of cor. of wire fence on S. side of road, brs. S and W.
- 39.64 (Proportional dist.) On line with property line fences in secs. 4 and 9,
Set an iron post 3 ft. long, 1 in. in diam., 40 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S	4
S	9
1919	

- Omit accessories to this cor. as there are no bearing trees available, and other accessories would interfere with the travel on the road.
- 78.82 A point 48 lks. S. of cor. of wire fence on N. side of road, brs. N. and E.
- 79.28 The cor. of secs. 4, 5, 8 and 9.
Land, level. Soil, sandy loam, 1st rate.
No timber.

Chains

Retracement for Resurvey:

East, on a random line, bet. secs. 3 and 10.
 At 40.00 chs., no trace of the $\frac{1}{4}$ sec. cor. can be found after diligent search; therefore, continue line and measurement.
 At 79.31 chs. fall 46 lks. S. of point of intersection of the center line of the main travelled road from Laveen Arizona, to Phoenix, Arizona, with the center line of public road fenced on both sides, bearing N. and S., where I drive a stake to mark point.
 At 80.00 chs., no trace of the cor. of secs. 2, 3, 10 and 11 can be found after diligent search. I therefore, return to the stake set to mark the point of intersection of center lines of public roads, which I accept as the best evidence obtainable at the present time of original location of the cor.
 Set an iron post 3 ft. long, 2 ins. in diam., 40 ins. in the ground for reestablished cor. of secs. 2, 3, 10 and 11, marked on brass cap,

T1S	R2E
S 3	S 2
S10	S11
1919	

Omit accessories to this cor., as no bearing trees are available, and other accessories would interfere with the travel on the roads.
 True course and length of mile bet. secs. 3 and 10 are N. 89° 40' E., 79.31 chs.

Resurvey:

Thence,
 S. 89° 40' W., on a true line, bet. secs. 3 and 10.
 Over level, sandy land, along center of public road from Laveen to Phoenix, Arizona.
 .49 A point 48 lks. S. of cor. of wire fence on N. side of road brs. N. and W., and 48 lks. N. of cor. of wire fence on S. side of road, brs. S. and W.
 39.65 (Proportional dist.) On line with property line fences in secs. 3 and 10,
 Set an iron post, 3 ft. long, 1 in. in diam., 40 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S	2
S 10	
1919	

Omit accessories to this cor., as there are no bearing trees available, and other accessories would interfere with the traffic on the road.
 78.82 A point 48 lks. S. of cor. of wire fence on N. side of road brs. N. and E., and 50 lks. N. of cor. of wire fence on S. side of road, brs. S. and E.
 79.51 The cor. of secs. 3, 4, 9 and 10.
 Land, level.
 Soil, dry, sandy loam, 1st rate.
 No timber.

Retracement for Resurvey:

East, on a random line, bet. secs. 2 and 11.
 At 40.00 chs. no trace of the $\frac{1}{4}$ sec. cor. can be found after diligent search; therefore, continue line and measurement, and at 79.37 chs. fall 30 lks. S. of the

Retracement, Resurvey and survey of
Subdivision on lines of Township 1 South, Range 2 East. 17

Chains.

point of intersection of the center line of the main travelled public road from Laveen to Phoenix, Arizona, with the center line of public road, fenced with property line fences, bearing N. and S., where I drive a stake to mark the point.

At 80.00 chs., find no trace of the cor. of secs. 1, 2, 11 and 12, after diligent search; therefore, I return to the stake set to mark the center line of public roads, which I accept as the best evidence obtainable at the present time of the original location of the cor.

Set an iron post, 5 ft. long, 2 ins. in diam., 3/8 ins. in the ground, for reestablished cor. of secs. 1, 2, 11 and 12, marked on brass cap,

T1S	R2E
S 2	S 1
S11	S12
1919	

Omit accessories to this cor. as there are no bearing trees available, and other accessories would interfere with travel on roads.

True course and length of mile bet. secs. 2 and 11 are N. 89°47'E., 79.37 chs.

Resurvey:

Thence, S. 09°47'W., on a true line, bet. secs. 2 and 11. Over level land, along center line of public road from Laveen to Phoenix, Arizona.

.50 A point 50 lks. S. of cor. of wire fence on N. side of road, brs. N. and S.
39.68 (Proportional dist.) On line with property line fences, thru secs. 2 and 11, Set an iron post 3 ft. long, 1 in. in diam., 40 ins. in the ground, for reestablished 1/4 sec. cor., marked on brass cap,

1/4	S 2
	S 11
1919	

Omit accessories to this cor., as there are no bearing trees available, and other accessories would interfere with the travel on the road.

78.89 A point 48 lks. S. of cor. of wire fence on S. side of road, brs. S. and E.
79.37 The cor. of secs. 2, 3, 10 and 11. Land, level. Soil, dry, sandy and gravelly, 1st and 2nd rate. No timber.

Retracement for course and distance only:

East, on a random line, bet. secs. 1 and 12. At 40.00 chs. find no trace of the 1/4 sec. cor.; therefore, continue line and measurement, and at 79.25 chs. fall 37 lks. S. of intersection of center line of road, bearing E. and W. with center line of road bearing N. and S. At 80.00 chs., record dist., make diligent search for cor. of secs. 1, 6, 7 and 12. No trace of cor. being found at this point, I return to point of intersection of road center lines, which, together with other collateral evidence such as fence lines and lines of trees in the immediate vicinity, I accept as the best evidence obtainable at the present time of the original location of this cor.

Chains. True course and distance bet. secs. 1 and 12 are S.89°44' W., 79.25 chs.
The accepted point for cor. of secs. 1, 6, 7 and 12 falls in bottom of irrigation canal 30 lks. wide, 4 ft. deep; therefore, at a point on right bank of canal, 38 lks. N. of true point,
Set an iron post 3 ft. long, 2 ins. in diam., 36 ins. in the ground for witness cor. to reestablished cor. of secs. 1, 6, 7 and 12, marked with brass cap,

T1S	
R2E	R3E
S1	S6
S12	S 7
W	C
1919	

Omit accessories to this cor. as there are no bearing trees within limits, and other accessories would interfere with traffic on the road.

Retracement for Resurvey:

From the reestablished cor. of secs. 1, 2, 11 and 12, hereinbefore described,
South, on a random line, bet. secs. 11 and 12.
At 40.00 chs., find no trace, after diligent search, of the $\frac{1}{4}$ sec. cor.; therefore, I return to the cor. of secs. 1, 2, 11 and 12, and complete the survey of the S $\frac{1}{2}$ of the mile, and resurvey the N. $\frac{1}{2}$ mile as follows:

Resurvey:

South, on a true line, bet. secs. 11 and 12.
In road, from Phoenix, Arizona, to the Gila River Indian Agency.
1.75 Leave road, brs. SW., enter scattering undergrowth.
10.00 Irrigation canal, 30 lks. wide, 4 ft. deep, flows S.60°W.
14.80 Ranch road brs. E. and W.
40.00 The record dist., Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	
S11	S12
1919	

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

Survey

56.00 Dry sand wash 8 lks. wide, 3 ft. deep, course NW.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11 and 12, marked on brass cap.

T1S	R2E
S11	S12

1919

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Land, rolling valley...
Soil, gravelly and stony, 2nd rate.
No timber.
Undergrowth, greasewood.

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East. 10

Chains.

Survey:

N. 89° 44' E., on a random line, on S. bdy. of sec. 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.27 Intersect the E. bdy. of Township 10 lks. N. of the cor. of
 secs. 7, 12, 13 and 18, hereinbefore described. X
 Thence,
 S. 89° 48' W., on a true line.
 Ascend SE. slope of spur, 113 ft. over mountainous land,
 thru. scrub timber and undergrowth.
 5.00 Top of spur, brs. NE. and SW. Descend over NW. slope, 148
 ft.
 11.75 Ravine, 10 lks. wide, course NW. Ascend over NE. slope, 12
 ft.; leave mountainous land, brs. NE. and SW. over rills.
 14.45 Ridge, brs. N. and S. Descend over W. slope, 51 ft.
 26.80 Wash, 12 lks. wide, course N. Ascend E. slope, 28 ft.
 29.63 Top of stony ridge, brs. N. 10° E. and S. 10° W. Descend over
 NW. slope, 57 ft.
 33.95 Ravine, 15 lks. wide, course N. Ascend NE. slope, 30 ft.
 39.63 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of sec. 12, marked on brass
 cap,

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

1919

No trees suitable for bearing trees available; raise a
 mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of sec. 13, marked on brass
 cap,

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

1919

No trees suitable for bearing trees within limits; raise
 a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
 44.60 Top of ridge brs. N. and S. Desc. over W. slope, 60 ft.
 53.35 Sand wash, 15 lks. wide, 3 ft. deep, course N. Ascend E.
 slope of ridge, 37 ft.
 54.60 Top of ridge, brs. N. and S.; descend gradually 12 ft.
 79.27 The cor. of secs. 11 and 12.
 Land, rolling, hilly and mountainous.
 Soil, stony, 3rd and 4th rate.
 Timber, scattering palo verde, mesquite and ironwood.
 Undergrowth, greasewood.

Retracement for Resurvey:

From the reestablished cor. of secs. 2, 3, 10 and 11, herein-
 before described,
 South, on a random line, bet. secs. 10 and 11.
 Continue line and measurement, and at 60.00 chs. make
 diligent search for the cor. of fracl. secs. 10 and 11,
 No trace of either of these cors. being found, I return
 to the cor. of secs. 2, 3, 10 and 11, and resurvey the
 north 60 chs., and complete the survey of the south
 20 chs. of the line bet. secs. 10 and 11, as follows:

Resurvey:

South, on record course, bet. secs. 10 and 11.
 Over level, sandy land, along center of road.
 .49 A point 48 lks. E. of cor. of wire fence brs. S. and W., and
 50 lks. W. of cor. of wire fence, brs. S and E.
 20.20 A point 46 lks. E. of cor. of wire fence, brs. N. and W.,
 and 52 lks. W. of cor. of wire fence, brs. N. and E.
 21.80 Intersection of N. and S. road with road along irrigation

Chains.	canal, brs. E. and W.
22.00	Irrigation canal 25 lks. wide, 4 ft. deep, course W.
22.50	Scattering mesquite timber and greasewood brush undergrowth, 4 ft. high.
25.90	Wood road, brs. NW. and SE.
31.10	Sand wash, 8 lks. wide, 2 ft. deep, course NW.
40.00	(Record dist.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S10 S11 1919
	No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
45.00	Leave rolling land, brs. N. 80° E. and S. 80° W.; ascend NW. slope, over stony, mountainous land, 52 ft.
51.25	Spur, brs. N. 80° E., and S. 80° W. Descend over SE. slope, 41 ft.
55.00	Foot of descent from spur; leave mountainous land, brs. N. 80° E. and S. 80° W.; enter rolling, stony desert land.
60.00	Point for cor. of frac. secs. 10 and 11, Thence continue measurement as
	<u>Survey</u>
61.70	Sand wash, 10 lks. wide, 2 ft. deep, course SW.
73.00	Road from Phoenix, Arizona, to the Gila River Indian Agency, brs. NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 10 and 11, marked on brass cap,
	T1S R2E S10 S11 1919
	No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Land, level, rolling and mountainous. Soil, sandy and stony, 1st, 2nd and 3rd rate. Timber, scattering palo verde, ironwood and mesquite,

40.00	N. 89° 47' E., on a random line. Set temp. $\frac{1}{4}$ sec. cor.
79.32	Intersect N. and S. line, 3 lks. S. of the cor. of secs. 11 and 12. Thence,
.73	S. 89° 46' W., on a true line, on S. bdy. of sec. 11. Over rolling land, thru. scrub timber and undergrowth. (80.00 chs. westing from the cor. of secs. 7, 12, 13 and 18) Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13 and 14, marked on brass cap,
	S14 S13 T1S R2E 1919
16.62	No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
31.32	Wash, 6 lks. wide, $2\frac{1}{2}$ ft. deep, course NW.
39.66	Wash, 10 lks. wide, 3 ft. deep, course NW. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East.

Chains.

the ground for $\frac{1}{4}$ sec.cor. of sec.11, marked on brass cap,

$\frac{1}{4}$ S 11

1919

40.73

No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft.high, N.of cor.
Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor.of sec.14, marked on brass cap,

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

1919

50.92

79.32

No trees suitable for bearing trees within limits; raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high, S.of cor.
Wash, 10 lks.wide, 2 ft. deep, course NW.
The cor.of secs. 10 and 11.
Land, rolling.
Soil, stony, 3rd rate.
Timber, scattering palo verde, mesquite, and ironwood.
Undergrowth, greasewood and catclaw.

Retracement for Resurvey:

From the reestablished cor.of secs.3,4, 9 and 10, hereinbefore described,
South, on random line, bet. secs.9 and 10.
At 40.00 chs., find no trace, after diligent search, of the $\frac{1}{4}$ sec.cor.; and at 60.00 chs. diligent search fails to reveal any evidence of the old cor. of fractional secs.9 and 10.
I return to the cor.of secs.3, 4, 9 and 10, and resurvey the N.60 chs., and complete the survey of the S.20.00 chs. of the mile bet. secs.9 and 10, as follows:

Resurvey:

.49

40.00

S.0°09'E., on a true line, bet. secs. 9 and 10.
Along center line of road, defined by ditch and fence lines on both sides.
Over level, sandy land.
A point 50 lks. E. of cor. of wire fence, brs.S.0°09'E., and S.89°52'W., and 49 lks.W. of cor. of wire fence, brs.S.0°9' E. and N.89° 40'E.
(Record dist.) Set an iron post 3 ft. long, 1 in. in diam., 40 ins. in the ground, for reestablished $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$
S 9 | S10

1919

56.00

57.00

57.23

57.50

60.00

Omit accessories at this cor. No bearing trees available, and other accessories would interfere with the travel on the road.
A point opposite end of fence lines on E.and W. sides of road..
Leave road at intersection with road, brs. N.70°E. and S.70°W.
The Western Canal, 20 lks.wide, 4 ft. deep, flows S.70°W.
Leave level land, brs.N.60°E. and S.60°W.; enter rolling, hilly land and scattering timber and undergrowth.
Point for cor.of fracl.secs. 9 and 10.
Thence continue measurement as

22
Chains.

Survey:

77.23 Ravine, 12 lks.wide, course NW. Leave hilly land, brs.NE.
and SW. Ascend NE.slope, 24 ft. over mountainous land.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor.of secs.9 and 10, marked on brass
cap,

T1S | R2E
S 9 | S10

1919

No trees suitable for bearing trees within limits;
Raise a mound of stone, 2 ft. base, 1½ ft.high,N,of cor.
Land,level,hilly and mountainous.
Soil, sandy and stony; 1st,2nd and 3rd rate.
Timber, palo verde and mesquite.
Undergrowth, greasewood.

40.00 N.89°40'E. on a random line, on S. bdy.of sec.10.
Set temp.¼ sec.cor.
79.22 Intersect N. and S. line, 2 lks.N.of the cor.of secs. 10
and 11.

Thence,
S.89°41'W., on a true line on S. bdy. of sec.10.
Over rolling, stony desert land, thru.scattering timber and
greasewood brush.

1.41 (80.00 chs.westing from cor.of secs.13 and 14), Set an
iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for cor.of secs. 14 and 15, marked on brass
cap,

S15 | S14
T1S | R2E
1919

4.75 No trees suitable for bearing trees within limits; raise
a mound of stone 2 ft.base, 1½ ft. high,S. of cor.
Road from Phoenix,Arizona, to the Gila River Indian
Agency, brs.NE. and SW.

20.25 Wash, 15 lks.wide, 3 ft. deep, course SW. Leave rolling
land, brs.NE. and SW. Ascend NE.slope of spur,57 ft.
over mountainous land.

25.17 A point on N.slope of spur; brs.NW. and SE. Descend over
NW slope, 26 ft.

29.75 Ravine, 6 lks.wide, course NE.; ascend 165 ft.over SE.
slope.

34.66 Spur, brs.N 80°W. and S.60°E.; thence along S.face of
spur.

39.61 Set an iron post, 3 ft.long, 1 in. in diam.,26 ins. in
the ground for ¼ sec.cor.of sec.10, marked on brass
cap,

¼ S 10

1919

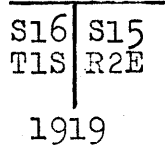
40.80 No trees suitable for bearing trees available; raise a
mound of stone, 2 ft. base, 1½ ft.high,N,of cor.
Stony mountain ridge, brs.N.85°E. and S.85°W. Descend 5 ft.
over NW.slope, to

41.41 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground for ¼ sec.cor. of sec. 15, marked on brass
cap,

¼ S15
1919

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South Range 2 East. 23.

Chains. Survey, continued:
 No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1½ ft. high, S. of cor.
 43.00 Begin steep descent, over NW. slope of spur, 171 ft. to
 52.18 Ravine, 10 lks. wide, at foot of descent, course N.20°E. Ascend SE. slope of spur, 99 ft.
 55.79 Spur, brs. N.20°E. and S.20°W. Descend over NW. slope, 112 ft.
 61.68 Ravine, 10 lks. wide, course NW. Ascend over NE. slope, 99 ft.
 67.55 Top of spur, brs. N. and S. Descend over W. slope, 92 ft.
 78.26 At a point N.0°3'W. of cor. to secs. 16 and 21, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 15 and 16 marked on brass cap,



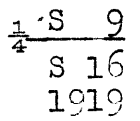
No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1½ ft. high, S. of cor.
 79.22 The cor. of secs. 9 and 10.
 Land, rolling and mountainous.
 Soil, stony, 2nd and 3rd rate.
 Timber, scrub palo verde, mesquite and ironwood.
 Undergrowth, greasewood brush 4 ft. high.

Retracement for Resurvey:

From the reestablished cor. of secs. 8, 9, 16 and 17, hereinbefore described,
 East, on a random line, bet. secs. 9 and 16.
 39.98 Fall 2 lks. N. of evident remains of ¼ sec. cor., which is a post greatly decayed, loosely set in a mound of stone.
 True course and dist. of west half mile, bet. secs. 9 and 16 is S.89°58'E., 39.98 chs.
 Thence from ¼ sec. cor.,
 East, on a random line.
 39.84 Fall 43 lks. S. of the cor. of secs. 9 and 10.
 True course and dist. of east half mile of south bdy. of sec. 9 is N.89°23'E., 39.84 chs.
 40.80 Fall 43 lks. S. of cor. of secs. 15 and 16, reestablished as hereinbefore described.
 Complete the survey of the east half mile of S. bdy. of sec. 9, and resurvey the west half mile, as follows:

Survey:

S.89°23'W., on a true line, on S. bdy. of sec. 9.
 Ascend NE. slope of spur, 18 ft., over mountainous land, thru. scattering timber and undergrowth.
 5.07 Spur, brs. N. and S. Descend over W. slope, 18 ft.
 14.05 Wash, 5 lks. wide, course NE. Ascend over SE. slope.
 27.57 Dry sand wash, 6 lks. wide, 6 ft. deep, course N. Ascend E. slope of spur, 51 ft.
 33.10 Top of spur, brs. N. and S. Descend over W. slope, 114 ft.
 39.84 Intersect the original ¼ sec. cor. of secs. 9 and 16. Along side of old post, set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished ¼ sec. cor., marked on brass cap,



No trees suitable for bearing trees within limits; raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Retracement, Resurvey and Survey of
 24 Subdivision lines of Township 1 South, Range 2, East.

Chains. Thence continue measurement as
Resurvey:
 N. 89° 58' W., on true line on W. half mile, bet. secs. 9 and 16.
 45.00 Foot of steep descent; leave mountainous land, brs. NE. and SW. Enter rolling land.
 54.42 The Western Canal, 15 lks. wide, 3 ft. deep, course SW.; leave scattering timber and undergrowth, brs. NE. and SW.
 54.82 Enter road brs. NE. and W.; thence along center of road.
 60.00 A point 50 lks. N. of end of wire fence, brs. E and W., and 50 lks. S. of cor. of wire fence, brs. N. and W.
 79.34 A point 50 lks. N. of cor. of wire fence, brs. S. and E., and 48 lks. S. of cor. of wire fence, brs. N. and E.
 79.82 The cor. of secs. 8, 9, 16 and 17.
 Land, rolling and mountainous.
 Soil, sandy and stony, 1st, 2nd and 3rd rate.
 Timber, scattering palo verde, and mesquite.

Retracement for Resurvey:

From the cor. of secs. 35 and 36, on S. bdy. of Tp., hereinbefore described,
 North, on a random line, bet. secs. 35 and 36.
 40.00 Find no trace of the $\frac{1}{4}$ sec. cor.
 80.00 Fall 4 lks. W. of post lying on ground alongside of small mound of stone, notched for cor. of secs. 25, 26, 35 and 36.
 True course and length of line bet. secs. 35 and 36 is N. 02' E., 80.00 chs.

 N. 89° 38' E., on a random line bet. secs. 25 and 36.
 40.00 Make diligent search for the $\frac{1}{4}$ sec. cor.
 77.32 Fall 5 lks. N. of the reestablished cor. of secs. 25, 30, 31 and 36, hereinbefore described.
 True course and length of line bet. secs. 25 and 36 is S. 89° 40' W., 77.32 chs.

Resurvey:

From reestablished cor. of secs. 25, 30, 31 and 36 on E. bdy. of Tp.,
 S. 89° 40' W., on true line, on N. bdy. of sec. 36.
 Over rolling land, thru scattering scrub timber and brush.
 5.40 Wash, 40 lks. wide, 6 ft. deep, course SW.
 27.50 Leave rolling land, brs. NE. and SW.; ascend SE. slope, 40 ft., over stony, mountainous land.
 38.66 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36, marked on brass cap,

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

1919

No trees suitable for bearing trees available; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 25, marked on brass cap.

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

1919

Retracement, Resurvey and Survey of
 Subdivision lines of Township 1 South, Range 2 East, 25.

Chains.

No trees suitable for bearing trees available; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. This cor. falls on the top of spur, brs. N. and S. Descend over W. slope, 23 ft.
 40.50 Ravine, 8 lks. wide, course SW. Ascend over SE. slope, 109 ft.
 51.78 Spur, brs. N. and S. Descend over W. slope, 49 ft.
 58.74 Ravine, 7 lks. wide, course SW. Ascend over SE. slope, 185 ft.
 62.89 Spur, brs. N. and S. Descend over W. slope, 123 ft.
 66.02 Ravine, 6 lks. wide, course S. Ascend E. slope, 341 ft.
 76.88 Spur, brs. N. 89° E. and S. 89° W. Descend over NW. slope, 10 ft.
 77.32 Intersect the original cor. of secs. 25, 26, 35 and 36, which I destroy.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 35 and 36, marked on brass cap,

S35	S36
T13	R2E

1919

No trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
 Land, rolling and mountainous.
 Soil, stony, 3rd and 4th rate.
 Timber, palo verde, mesquite and ironwood.
 Undergrowth, greasewood.

S. $0^\circ 2' W.$, on a true line, bet. secs. 35 and 36.
 Descend SE. slope, over mountainous land, thru scattering timber and brush.
 4.79 Ravine, 4 lks. wide, course SW. Ascend over NW. slope, 40 ft.
 7.22 Spur, brs. NE. and SW. Descend over SE. slope, 92 ft.
 10.17 Ravine, 8 lks. wide, course W. Ascend N. slope, 12 ft.
 11.66 Spur, brs. NE. and SW. Desc. over SE. slope, 363 ft.
 40.00 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

S35	S36
-----	-----

1919

No trees suitable for bearing trees available; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Leave mountainous land, brs. E. and W.; enter rolling valley land.
 51.80 Wash, 8 lks. wide, 2 ft. deep, course W.
 65.60 Road brs. E. and W.
 79.70 Road to the Gila River Indian Agency, brs. E. and W.
 80.00 The cor. of secs. 35 and 36.
 Land, rolling and mountainous.
 Soil, stony, 3rd and 4th rate.
 Timber, scattering palo verde, mesquite and ironwood.
 Undergrowth, greasewood brush.

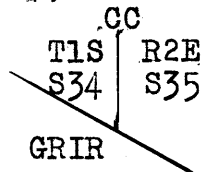
Retracement for Resurvey:

The closing cor. of secs. 34 and 35, on the NE. bdy. of the Gila River Indian Reservation from the north is a post greatly decayed, with marks almost obliterated. Remove the post, and in the same place, set an iron

112

Chains

post 3 ft. long, 3 ins. in diam., 24 ins. in the ground
for reestablished closing cor. of secs. 34 and 35,
marked on brass cap,



1919

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

33.44

North, on a random line, bet. secs. 34 and 35.
Fall 87 lks. W. of the 1/4 sec. cor., which is a granite
stone, 14x10x7 ins., above ground, loosely set, marked
and witnessed, as described by the surveyor general.
True course and length of line from the closing cor. to
the 1/4 sec. cor. is N. 1° 29' E., 33.45 chs.

40.07

Thence from 1/4 sec. cor.
North, on a random line, bet. secs. 34 and 35.
Fall 82 lks. E. of the cor. of secs. 26, 27, 34 and 35, which
is a decayed post lying on the ground alongside of
mound of earth, with trace of 2 pits nearly in the
proper position.
True course and dist. of N. half mile of line bet. secs. 34
and 35 is N. 1° 10' W., 40.08 chs.

40.00

N. 89° 49' E., on a random line, on N. bdy. of sec. 35.
Make diligent search for the 1/4 sec. cor. Find no trace
of same.

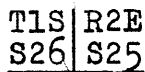
80.10

Intersect N. and S. line 32 lks. S. of the reestablished
cor. of secs. 35 and 36, hereinbefore described.
True course and length of line on N. bdy. of sec. 35 is
N. 89° 35' E., 80.10 chs.
Resurvey the N. and frac. W. bdy. of sec. 35, as follows:

Resurvey:

2.68

From reestablished cor. of secs. 35 and 36,
S. 89° 35' W., on a true line, on N. bdy. of sec. 35.
Over mountainous land, thru. scattering scrub timber and
brush.
(80.00 chs. westing from cor. of secs. 25, 30, 31 and 36). Set
an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for reestablished cor. of secs. 25 and 26,
marked on brass cap,



1919

No trees suitable for bearing trees within limits; raise
a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

2.82

Spur, brs. NE. and SW. Descend 171 ft. over NW. slope.

10.56

Ravine, 10 lks. wide, course SW.; ascend 83 ft.

13.79

Ridge, brs. NE. and SW. Desc. over NW. slope, 344 ft.

35.03

Ravine, 15 lks. wide, course SW. Ascend 85 ft.

38.50

Road brs. NE. and SW.

40.05

(Proportional dist.) Set an iron post, 3 ft. long, 1 in.
in diam., 26 ins. in the ground, for reestablished 1/4
sec. cor. of sec. 35, marked on brass cap,

1/4 S. 35

1919

Retracement, Resurvey & Survey of
Subdivision lines of Township 1 South Range 2 East. 27

Chains.

42.68 No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1 1/2 ft. high, S. of cor. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 26, marked on brass cap,

1/4 S 26

1919

55.10 No trees suitable for bearing trees available; raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Top of ridge, brs. N. 75° E. and S. 75° W. Descend over NW. slope, 59 ft.

68.04 Dry ravine, 10 lks. wide, course NE. Ascend over SE. slope 20 ft.

71.52 Spur, brs. N. and S.; descend over W. slope, 37 ft.

78.30 Ravine, 10 lks. wide, course NE. Asc. 33 ft. over SE. slope

80.10 Intersect the original cor. of secs. 26, 27, 34 and 35. Re-establish this cor. for cor. of secs. 34 and 35 only. In center of mound of earth, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 34 and 35, marked on brass cap,

T1S R2E
S34 S35

1919

No trees suitable for bearing trees available; raise a mound of stone 2 ft. base, 1 1/2 ft. high, S. of cor.

Land, mountainous.

Soil, stony, 3rd and 4th rate.

Timber, scattering scrub palo verde, mesquite, and iron-wood.

Undergrowth, greasewood brush, 4 ft. high.

S. 1° 10' E., on a true line, bet. secs. 34 and 35. Ascend NW. slope of ridge, 103 ft. over stony, hilly and mountainous land, thru. scattering timber and brush.

6.16 Ridge, brs. N. 85° E. and S. 85° W.; descend over SE. slope, 192 ft.

21.62 Road at foot of steep descent, brs. E. and W.

24.35 Ravine, 40 lks. wide, course W. Ascend S. slope 63 ft.

33.86 Spur, brs. E. and W. Desc. S. slope, 51 ft.

36.00 Ravine, 5 lks. wide, course N. 80° W. Ascend.

40.08 Intersect the 1/4 sec. cor. hereinbefore described. Efface marks on stone, and alongside of same set an iron post 3 ft. long, 1 in. in diam., 26 in. in the ground for reestablished 1/4 sec. cor., marked on brass cap,

1/4
S34 S35

1919

Rebuild the old mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Thence, S. 1° 29' W., on a true line.

42.21 Top of stony ridge, brs. E. and W. Descend over S. slope, 289 ft.

63.51 Foot of descent; leave mountainous land, brs. E. and W.; enter rolling gravelly land.

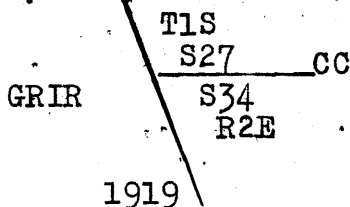
73.53 The closing cor. of secs. 34 and 35.

Chains.

Land, rolling and mountainous.
Soil, gravelly and stony, 2nd and 3rd rate.
Timber, scattering scrub palo verde, mesquite and ironwood.
Undergrowth, greasewood brush.

Retracement for Resurvey:

The closing cor. of secs. 27 and 34, closing on the NE. bdy. of the Gila River Indian Reservation from the east, is a post greatly decayed, with marks almost obliterated. Alongside of the old post, Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished closing cor. of secs. 27 and 34, marked on brass cap,



Rebuild old mound of stone 2 ft. base, 1½ ft. high, E. of cor.

Thence, East, on a random line on N. bdy. of sec. 34.

23.21 Fall 19 lks. S. of the ¼ sec. cor., established for secs. 27 and 34, which is a granite stone, 8x8x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

True course and dist. bet. the closing cor. and ¼ sec. cor. is N. 89° 32' E., 23.21 chs.

Thence from ¼ sec. cor., East on a random line.

40.10 Fall 5 lks. S. of the reestablished cor. of secs. 34 and 35. True course and dist. of E. half mile of sec. 34 is N. 89° 56' E., 40.10 chs.

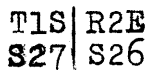
Resurvey N. bdy. of Sec. 34 as follows:

Resurvey:

S. 89° 56' W., on a true line, on N. bdy. of sec. 34. Ascend NE. slope, 20 ft., over mountainous land, thru. scattering scrub timber and brush.

.60 Point of stony ridge, brs. NE. and SW. Desc. over NW. slope; 171 ft.

2.58 (80.00 chs. westing from reestablished cor. of secs. 25 and 26) Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 26 and 27, marked on brass cap,



1919

22.25 No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor. Ravine, 10 lks. wide, course SW.; ascend over SE. slope 163 ft.

30.25 Spur, brs. N. 75° W., and S. 75° E.; descend over SW. slope, 147 ft.

37.21 Ravine, 10 lks. wide, course SW. Ascend over SE. slope, 33 ft.

40.10 Intersect the original ¼ sec. cor. Reestablish to refer to sec. 34 only, as follows: Raise mound of stones 2 ft. base, 1½ ft. high, S. of cor. Thence,

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South Range 2 East. 29

Chains.

42.58 S. 89° 32' W., on a true line.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 27, marked on brass cap

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

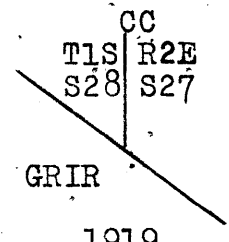
1919

No trees suitable for bearing trees within limits; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Spur, brs. N. 15° E. and S. 15° W. Desc. NW. slope, 191 ft. Ravine, 12 lks. wide, course S. Ascend E. slope, 62 ft. Ridge, brs. NE. and SW. Desc. over NW. slope. Foot of steep descent; descend gradually. The closing cor. of secs. 27 and 34. Land, mountainous. Soil, stony, 2nd and 3rd rate. Timber, scrub palo verde, mesquite and ironwood. Undergrowth, greasewood brush.

46.54
49.26
53.76
61.50
63.31

Retracement for Resurvey:

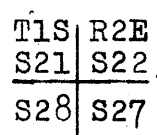
The original closing cor. of secs. 27 and 28, closing on the NE. bdy. of the Gila River Indian Reservation from the N. is a decayed post, with marks nearly obliterated. Reestablish this cor. as follows: Alongside of the old post, Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for closing cor. of secs. 27 and 28, marked on brass cap,



1919

Rebuild the old mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Thence, North, on a random line, between secs. 27 and 28. 21.18 Intersect the $\frac{1}{4}$ sec. cor., which is an ironwood post, loosely set, witnessed as described by the surveyor general. True course and dist. between the closing cor. and $\frac{1}{4}$ sec. cor. is north 21.18 chs.

Thence, North, on a random line. 40.49 Fall 8 lks. W. of the cor. of secs. 21, 22, 27 and 28, which is an ironwood stake, 3 ins. sq., set in a mound of stone, marked and witnessed as described by the surveyor general. Reestablish this cor. as follows: In mound of stone alongside of old stake, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap,



1919

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W of cor. True course and dist. of N. half of line bet. secs. 27 and 28 are N. 0° 07' E., 40.49 chs.

Chains.

Resurvey:

Thence,
S.0°07'W., on a true line, bet. secs. 27 and 28.
Over rolling land, thru scrub timber and brush.
7.20 Wash, 20 lks.wide, 6 ft. deep, course SW.
12.20 Road from Indian Reservation to Phoenix, Arizona, brs.E.
and W.
33.10 Wash, 15 lks.wide, course W.
34.30 Road, brs.E. and W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor. of sec.27, marked on brass
cap,

$$\begin{array}{c} \frac{1}{4} S27 \\ | \\ 1919 \end{array}$$

40.49 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft.high, E.of cor.
Intersect the old $\frac{1}{4}$ sec.cor. Reestablish this cor. to
refer to sec.28 only, as follows: Alongside of old
post,
Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec.cor. of sec.28, marked on brass
cap,

$$\begin{array}{c} \frac{1}{4} S28 \\ | \\ 1919 \end{array}$$

1919

Same bearing trees.

A palo verde, 10 ins. in diam., brs.N.61 $\frac{3}{4}$ °E.,
74 lks.dist., marked $\frac{1}{4}$ S B T., and
An ironwood, 8 ins. in diam., brs.S.59 $\frac{1}{2}$ °W.,
118 lks.dist., marked $\frac{1}{4}$ S 28 BT.

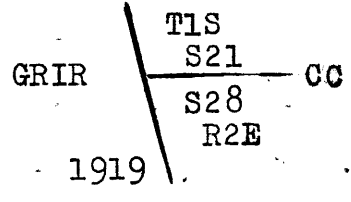
Thence,
South, on a true line.
53.59 Wash, 8 lks.wide, 5 ft. deep, course W.
61.67 Intersect the closing cor. of secs.27 and 28.
Land, rolling.
Soil, stony, 2nd and 3rd rate.
Timber, palo verde, mesquite and ironwood.
Undergrowth, greasewood brush.

Retracement for Resurvey:

From reestablished cor.of secs.21,22, 27 and 28, herein-
before described,
40.62 West, on a random line, bet. secs.21 and 28.
Fall 73 lks.N. of the old $\frac{1}{4}$ sec.cor., which is a decayed
post, marks almost obliterated, loosely set in a small
mound of stone, witnessed by two bearing trees, both
of which are dead.
True course and length of E.half mile of line bet. secs.
21 and 28 are N. 88° 58'E., 40.63 chs.
Thence from $\frac{1}{4}$ sec.cor.,
12.26 West, on a random line.
Intersect the remains of the old closing cor. of secs.21
and 28 on NE. bdy.of the Gila River Indian Reservation,
hereinbefore described.
True course and length of line bet. the closing cor.of
secs.21 and 28, and the $\frac{1}{4}$ sec.cor. is E. 12.26 chs.
Reestablish the closing cor. as follows:Alongside of
the decayed end of post,
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins.
in the ground for closing cor. of secs.21 and 28,
marked on brass cap,

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South Range 2 East. 31

Chains.

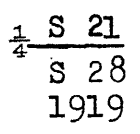


Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor. Thence,

Resurvey:

12.26 East, on a true line, bet. secs. 21 and 28.
Over rolling land, thru. scrub timber and brush.
Intersect the old 1/4 sec. cor., and

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



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

N. 88° 58' E., on a true line.
Ravine, 5 lks. wide, course SW. Ascend over NW. slope, 47 ft.

23.90 Ridge, brs. N and S. Desc. over E. slope, 26 ft.

26.08 Ravine, 5 lks. wide, 5 ft. deep, course S.

36.00 Ravine, 8 lks. wide, 6 ft. deep, course S.

40.62 The cor. of secs. 21, 22, 27 and 28.

Land, hilly.
Soil, stony, 3rd and 4th rate.
Timber, scrub palo verde and mesquite.
Undergrowth, greasewood brush, 4 to 6 ft. high.

Survey:

From the reestablished cor. of secs. 21, 22, 27 and 28, East, on a random line, thru. the Tp., setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs., and at 237.30 chs. fall 74 lks. S. of the cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp., hereinbefore described, The falling answers to a correction of 0° 10' or 24 lks. north per mile, counting from the cor. of secs. 21, 22, 27 and 28.

Thence, S. 89° 50' W., bet. secs. 24 and 25 on true line.

Descend SW. slope, 185 ft. over rough, mountainous land, thru. scattering scrub timber and ocotillo.

8.98 Ravine, 8 lks. wide, course SE. Asc. over NE. slope, 126 ft.

13.16 Spur, brs. N. 60° E. and S. 60° W. Desc. over NW. slope, 200 ft.

19.86 Ravine, 10 lks. wide at bottom of descent in canyon, course SW. Asc. over SE. slope of spur, 16 ft.

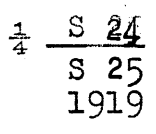
21.09 Spur, brs. NE. and SW. Descend over NW. slope, 27 ft.

23.15 Ravine, 6 lks. wide, course SE. Asc. over NE. slope 212 ft.

28.03 Spur, brs. N. and S. Desc. over W. slope, 137 ft.

35.02 Ravine, 10 lks. wide, course S. Asc. over SE. slope, 190 ft.

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



No trees within limits; raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

41.15 Spur, brs. N. and S. Desc. over W. slope, 20 ft.

Retracement, Resurvey and Survey of
32. Subdivision lines of Township 1 South, Range 2 East.

Chains.
 44.43 Ravine, 6 lks.wide, course SW. Ascend over SE.slope, 123 ft.
 50.32 Ridge, brs.N 80°E. and S.80°W. Descend over NW.slope, 217 ft.
 56.80 Ravine, 10 lks.wide, course NW. Ascend over NE.slope, 63 ft.
 61.37 Spur, brs.N. and S. Desc. over W. slope, 193 ft.
 66.13 Ravine, 5 lks.wide, course N. Ascend E. slope, 160 ft.
 70.82 Spur, brs.N. and S. Descend over W.slope, 165 ft.
 80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 24 ins. in the ground, for cor.of secs. 23, 24, 25 and 26, marked on brass cap,

T1S	R2E
S23	S24
S26	S25

1919

No trees suitable for bearing trees within limits. Raise a mound of stone, 2 ft. base, 1½ ft. high, W of cor. Land, mountainous.
 Soil, stony, 3rd and 4th rate.
 Timber, scattering palo verde, mesquite and ironwood.
 Undergrowth, greasewood brush and ocotillo.

S 89°50'W., on true line, bet.secs.23 and 26.
 Descend NW.slope; 259 ft., over mountainous land, thru: scattering scrub timber, ocotillo and greasewood brush.
 32.00 Foot of descent; leave mountainous land, brs.NE. and SW.; enter rolling land.
 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	S 23
	S 26

1919

No trees suitable for bearing trees within limits; raise a mound of stone, 2 ft. base, 1½ ft. high, N.of cor.
 44.46 Wash, 40 lks.wide, banks 37 ft. high, course SW.; ascend gradually over SE.slope.
 52.80 Road from the Gila River Indian Reservation to Phoenix, Arizona, brs.NE. and SW.
 62.80 Wash, 10 lks.wide, 6 ft. deep, course SW.
 68.10 Wash, 15 lks.wide, 5 ft. deep, course SW.
 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,

T1S	R2E
S22	S23
S27	S26

1919

No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1½ ft.high, W.of cor. Land, rolling and mountainous.
 Soil, stony, 2nd and 3rd rate.
 Timber, scattering scrub palo verde, mesquite and ironwood.
 Undergrowth, greasewood brush, 3 to 6 ft.high, and ocotillo.

S.89°50'W., bet. secs.22 and 27.
 Over rolling land, thru.scattering scrub timber and greasewood brush.
 5.60 Wash, 5 lks.wide, 4 ft. deep, course SW.

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East. 33.

Chains.
 7.40 Wash, 5 lks.wide, 3 ft. deep, course SW.
 11.60 Wash, 40 lks.wide, 15 ft. deep, course SW.
 25.00 Wash, 40 lks.wide, 10 ft. deep, course SW.
 31.00 Wash, 50 lks.wide, 20 ft. deep, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 22
 S 27
 1919.

No trees suitable for bearing trees available; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 42.80 Same wash, 50 lks.wide, 15 ft. deep, course SW.
 47.70 Same wash, 50 lks.wide in bend from SE. to SW.
 61.00 Wash, 8 lks.wide, 4 ft. deep, course S.
 63.40 Wash, 10 lks.wide, 5 ft. deep, course SW.
 66.50 Wash, 40 lks.wide, 15 ft. deep, course S. Ascend 15 ft.
 77.30 Intersect the cor. of secs. 21, 22, 27 and 28.
 Land, rolling.
 Soil, stony, 2nd and 3rd rate.
 Timber, palo verde, mesquite and ironwood.
 Undergrowth, greasewood brush 4 to 6 ft. high.

From the cor. of secs. 23, 24, 25 and 26,
 S. $0^{\circ}03'$ E., on a random line, bet. secs. 25 and 26.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.36 Intersect E. and W. line, 5 lks. E. of the cor. of secs. 25 and 26.
 Thence,
 N. $0^{\circ}01'$ W., on a true line, bet. secs. 25 and 26.
 Descend N. slope, 38 ft. over mountainous land, thru scattering scrub timber and greasewood brush.
 2.74 Ravine, 10 lks.wide, course W. Ascend S. slope, 29 ft.
 4.98 Spur, brs. E. and W. Descend over N. slope, 320 ft.
 16.05 Ravine, 15 lks.wide, course SW. Ascend over SE. slope, 283 ft.
 35.31 Spur, brs. N. 80° E. and S. 80° W. Descend over broken NW. slope, 97 ft.
 38.91 Ravine, 10 lks.wide at foot of descent in canyon, course SW.; asc. abruptly over SE. slope, 288 ft.
 40.18 Set an iron post, 3 ft. long, 1 in. in diam., in a mound of stone, 5 ft. base, $2\frac{1}{2}$ ft. high, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

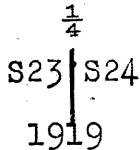
$\frac{1}{4}$
 S26 | S25
 1919

No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 48.52 Top of spur, brs. E. and W. Desc. over N. slope, 52 ft.
 53.47 Ravine, 8 lks.wide, course SW. Ascend over SE. slope, 200 ft.
 65.00 Ridge, brs. N. 80° E. and S. 80° W.; descend over NW. slope, 454 ft. to
 80.36 The cor. of secs. 23, 24, 25 and 26.
 Land, mountainous.
 Soil, stony, 3rd and 4th rate.
 Timber, scrub palo verde, mesquite and ironwood.
 Undergrowth, scattering greasewood brush.

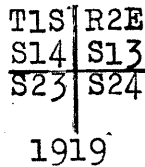
N. $0^{\circ}03'$ W., bet. secs. 23 and 24.
 Descend N. slope, 91 ft., over mountainous land, thru scattering scrub timber, ocotillo and greasewood brush.

Retracement, Resurvey and Survey of
 34 Subdivision lines of Township 1 South, Range 2 East.

- Chains.
- 4.81 Ravine, 10 lks.wide, course NW. Ascend over SW.slope, 23 ft.
- 8.59 Top of spur, brs.NW. and SE. Descend over NE. slope, 185 ft.
- 27.61 Road from the Gila River Indian Reservation to Phoenix, Arizona, brs.NE. and SW.
- 27.66 Wash, 150 lks.wide, banks 30 ft. high, course SW.; asc. over S.slope, 239 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,

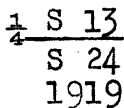


- No trees suitable for bearing trees available; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W of cor.
- 54.19 Top of spur, brs.N. 70° W. and S. 70° E.; descend over NE. slope, 23 ft.
- 56.37 Dry ravine, 8 lks.wide, course SE. Asc. over SW.slope, 142 ft.
- 63.34 Top of spur, brs.NW. and SE. Desc. over NE.slope, 14 ft.
- 66.45 Ravine, 10 lks.wide; course SE. Ascend over SW.slope, 394 ft. to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, marked on brass cap,



No trees suitable for bearing trees available; raise a mound of stones 2 ft. base, $1\frac{1}{2}$ ft. high, W of cor. Land, mountainous. Soil, stony, 3rd and 4th rate. Timber, scrub palo verde, mesquite and ironwood. Undergrowth, greasewood brush and ocotillo.

-
- 40.00 N. $89^\circ 50' E.$, on a random line, bet. secs. 13 and 24. Set temp. $\frac{1}{4}$ sec.cor.
 - 80.08 Intersect E. bdy. of Tp. 8 lks. N. $0^\circ 3' W.$, of the cor. of secs. 13, 18, 19 and 24, hereinbefore described. Thence, S. $89^\circ 53' W.$, on a true line, bet. secs. 13 and 24. Ascend NE.slope, 6 ft. over mountainous land, thru. scattering timber and greasewood brush.
 - .96 Spur, brs.N. and S. Desc. over W.slope, 13 ft.
 - 9.85 Old wood road, brs.N. and S.
 - 12.15 Ravine, 50 lks.wide, 20 ft. deep, course S.
 - 21.55 Ravine, 30 lks.wide, 20 ft. deep, course S.; ascend E. slope of spur, 70 ft.
 - 28.37 Spur, brs.NW. and SE. Desc. over SW.slope, 107 ft.
 - 33.25 Ravine, 15 lks.wide, course SE. Ascend over NE. slope, 107 ft.
 - 38.08 Spur, brs.NW. and SE. Desc. over SW.slope, 65 ft.
 - 40.04 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,

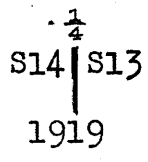


- No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 43.28 Ravine, 8 lks.wide, course SE.; ascend over NE.slope, 62 ft.

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East. 35.

- Chains.
- 45.27 Spur, brs. NW. and SE. Desc. over SW. slope, 124 ft.
- 47.07 Ravine, 10 lks. wide, course SE. Asc. over NE. slope, 124 ft.
- 51.71 Top of spur, brs. NW. and SE. Desc. over SW. slope, 163 ft.
- 54.96 Ravine, 10 lks. wide, course SE. Ascend over SE. slope, 149 ft.
- 57.80 Spur, brs. NW. and SE. Desc. over SW. slope, 177 ft.
- 61.64 Ravine, 8 lks. wide, course SE. Asc. over NE. slope, 187 ft.
- 68.09 Spur, brs. NW and SE.; desc. over SW. slope, 63 ft.
- 73.00 Ravine, 12 lks. wide, course SE. Asc. over NE. slope of spur.
- 74.83 Spur, brs. N and S. Desc. over W. slope, 49 ft.
- 77.76 Ravine, 6 lks. wide, course S. 10° E. and ascend over NE. slope, 48 ft. to
- 80.08 The cor. of secs. 13, 14, 23 and 24.
Land, mountainous.
Soil, stony, 3rd and 4th rate.
Timber, scrub palo verde and mesquite.
Undergrowth, greasewood brush.

-
- 40.00 N. 0° 3' W., on a random line, bet. secs 13 and 14.
Set temp. $\frac{1}{4}$ sec. cor.
 - 79.84 Fall 3 lks. E. of the cor. of secs. 13 and 14, hereinbefore described.
Thence,
S. 0° 04' E., on a true line, bet. secs. 13 and 14.
Ascend N. slope of the Salt River mountains 394 ft., thru. scattering timber and brush.
 - 39.92 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,

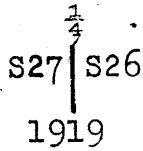


- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
No trees within limits.
- 40.95 Spur, brs. NW. and SE. Descend SW. slope, 12 ft.
- 53.14 Ravine, 15 lks. wide, course NW.; asc. SW. slope, 556 ft.
- 60.85 Ravine, 10 lks. wide, 20 ft. deep, course NW.
- 70.74 Spur, brs. NW and SE.; desc. over SW. slope, 108 ft.
- 73.25 Ravine, 10 lks. wide, course NW.; ascend over NE. slope, 113 ft. to
- 78.60 Summit of the Salt River range of mountains, brs. N. 80° E. and S. 80° W.; desc. over SE. slope 130 ft.
- 79.84 The cor. of secs. 13, 14, 23 and 24.
Land, mountainous.
Soil, stony, 3rd and 4th rate.
Timber, scrub palo verde, mesquite and ironwood.
Undergrowth, greasewood brush and ocotillo.

-
- 40.00 From the cor. of secs. 22, 23, 26 and 27,
S. 0° 01' E., on a random line, bet. secs. 26 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
 - 80.60 Intersect the cor. of secs. 26 and 27, hereinbefore described.
Thence,
N. 0° 01' W., on a true line, bet. secs. 26 and 27.
Descend NE. slope, 87 ft., over mountainous land, thru. scattering timber and brush.
 - 5.82 Dry ravine, 8 lks. wide, course NW.; asc. over SW. slope, 97 ft.
 - 24.76 Spur, brs. E. and W.; desc. over N. slope, 99 ft.
 - 40.60 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,

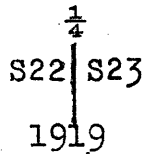
36. Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East.

Chains.

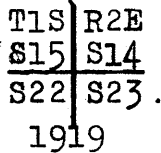


- No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.
- 46.00 Ravine, 6 lks. wide, course SW. at foot of descent; leave mountainous land, brs. NE. and S.; enter rolling hilly land.
- 49.00 Wash, 8 lks. wide, 4 ft. deep, course SW.
- 51.50 Wash, 10 lks. wide, 6 ft. deep, course SW.
- 75.50 Road from the Gila River Indian Reservation to Phoenix, Arizona, brs. E. and W.
- 76.90 Wash, 50 lks. wide, 10 ft. deep, course S. 80° W.
- 80.60 The cor. of secs. 22, 23, 26 and 27.
Land, rolling, hilly and mountainous.
Soil, stony, 3rd and 4th rate.
Timber, scrub palo verde, mesquite and ironwood.
Undergrowth, greasewood brush and ocotillo.

-
- N. 0° 04' W., bet. secs. 22 and 23.
Over rolling stony, land, thru. scattering timber and greasewood brush.
 - 4.50 Ravine, 10 lks. wide, 4 ft. deep, course SW.
 - 10.00 Leave rolling land, brs. N. 80° E. and S. 80° W.; enter mountainous land; ascend SE. slope of Salt River mountains, 334 ft.
 - 30.11 Spur, brs. NW. and SE. Descend over NE. slope, 18 ft.
 - 34.20 Ravine, 10 lks. wide, course SE. Ascend SW. slope, 261 ft.
 - 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



- No trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.
- 42.73 Ridge, brs. N. 80° E. and S. 80° W. Descend over NW. slope, 308 ft.
- 56.64 Ravine, 15 lks. wide, course N. 80° W. Ascend over SW. slope, 404 ft.
- 66.38 Spur, brs. E and W. Desc. over N. slope, 405 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap,



No trees suitable for bearing trees available. Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling and mountainous.
Soil, stony, 3rd and 4th rate.
Timber, scrub mesquite, palo verde and ironwood.
Undergrowth, greasewood brush and ocotillo.

-
- N. 89° 50' E., on a random line, bet. secs. 14 and 23.
 - 40.00 Set temp. 1/4 sec. cor.
 - 80.06 Fall 5 lks. N. of the cor. of secs. 13, 14, 23 and 24.
Thence,

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East. 37

Chains. S. 89°52' W.; on a true line, bet. secs. 14 and 23.
Ascend SE. slope, 47 ft. over mountainous land, thru scattering timber and greasewood brush.

1.97 Summit of the main ridge of the Salt River mountains, brs. NE. and SW. Desc. over NW. slope, 97 ft. to

4.37 Ravine, 8 lks. wide, course N. 20° E.; ascend SE. slope, 137 ft.

11.23 Spur, brs. N. and S. Desc. over W. slope, 193 ft.

21.40 Ravine, 10 lks. wide, course N. 15° E. Ascend over SE. slope, 313 ft.

31.05 Spur, brs. N. and S. Desc. over W. slope, 337 ft.

39.78 Perpendicular cliff, 20 ft. high, brs. N. and S.

39.90 Foot of cliff.

40.03 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 14
S 23
1919

No trees, suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

46.39 Ravine, 15 lks. wide, course N. 10° W. Ascend over NE. slope 152 ft.

51.39 Spur, brs. N. and S.; desc. over W. slope, 80 ft.

54.48 Ravine, 8 lks. wide, course N. Asc. E. slope, 103 ft.

56.18 Spur, brs. N. and S.; desc. over W. slope, 76 ft.

58.66 Ravine, 10 lks. wide, course N.; asc. E. slope, 110 ft.

63.28 Spur, brs. N. and S. Desc. over W. slope, 486 ft.

79.25 Ravine, 10 lks. wide, banks 3 ft. high, course NW.

80.06 The cor. of secs. 14, 15, 22 and 23.
Land, mountainous.
Soil, stony, 3rd and 4th rate.
Timber, scrub palo verde, mesquite and ironwood.
Undergrowth, greasewood brush.

N. 0° 04' W., on a random line, bet. secs. 14 and 15.
Set temp. $\frac{1}{4}$ sec. cor.
79.80 Fall 12 lks. E. of the cor. of secs. 14 and 15, hereinbefore described.

Thence,
S 0° 09' E., on a true line, bet. secs. 14 and 15.
Over rolling land, thru scattering timber and greasewood brush.

39.90 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 15 | S 14
1919

No trees suitable for bearing trees within limits; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

50.00 Leave rolling land, brs. N. 80° E. and S. 80° W. Ascend NW. slope, 65 ft. over mountainous land.

54.93 Spur, brs. E. and W.; descend over S. slope, 15 ft.

58.35 Ravine, 6 lks. wide, course NW. Ascend NE. slope, 202 ft.

66.15 Spur, brs. NW. and SE. Desc. over SW. slope, 24 ft.

71.00 Ravine, 10 lks. wide, course NW.; ascend NE. slope of spur, 142 ft.

75.66 Spur, brs. E. and W.; desc. over S. slope, 86 ft.

79.70 Ravine, 15 lks. wide, banks 4 ft. high, course NW.

79.80 The cor. of secs. 14, 15, 22 and 23.
Land, rolling and mountainous.
Soil, stony, 3rd and 4th rate.
Timber, scattering scrub palo verde, mesquite and ironwood.
Undergrowth, greasewood brush 4 ft. high.

Chains.

North, on true line, on W. bdy. of sec. 22.
Ascend SE. slope, 272 ft., over mountainous land, thru scattering timber and greasewood brush.

16.99 Ridge, brs. N. 70° E. and S. 70° W. Desc. over NW. slope, 152 ft.

24.87 Ravine, 8 lks. wide, course NE. Ascend over SE. slope, 305 ft.

35.85 Ridge brs. N. 80° E. and S. 80° W. Descend over NW. slope, 278 ft.

39.78 (Midpoint) Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 21, marked on brass cap,

|
 $\frac{1}{4}$ S21
 |
 1919

No trees suitable for bearing trees available; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 22; marked on brass cap,

|
 $\frac{1}{4}$ S22
 |
 1919

No trees suitable for bearing trees available; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

42.56 Ravine, 10 lks. wide, course W. Ascend S. slope, 32 ft.

46.03 Spur, brs. E and W. Descend over NW. slope, 278 ft.

67.65 Foot of descent, cross dry ravine, 10 lks. wide, course W. Leave mountainous land, brs. N. 80° E. and S. 80° W. Enter rolling, stony, valley land.

79.56 (Point of intersection with extended E. line, bet. secs. 16 and 21 hereinafter described).
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 16 and 21, marked on brass cap,

T1S
 |
 S16
 |
 S21
 |
 R2E
 |
 1919

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No trees suitable for bearing trees available.
Thence,
N. 0° 03' W. on a true line, paralleling east bdy. of Tp.

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

T1S
 |
 S15
 |
 S22
 |
 R2E
 |
 1919

No trees suitable for bearing trees within limits. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
Land, rolling and mountainous.
Soil, stony, 2nd, 3rd and 4th rate.
Timber, scattering scrub mesquite, palo verde and iron-wood.
Undergrowth, greasewood brush, 5 ft. high.

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East. 39

Chains.

40.00 N. 89° 50' E., on a random line, bet. secs. 15 and 22.
Set temp. $\frac{1}{4}$ sec. cor.

77.15 Intersect N. and S. line at the cor. of secs. 14, 15, 22 and 23.
Thence,
S. 89° 50' W., on a true line, bet. secs. 15 and 22.
Descend NW. slope 320 ft. over mountainous land, thru scattering timber and greasewood brush.

24.80 Ravine, 15 lks. wide, 5 ft. deep, course NW.

32.00 Ravine, 20 lks. wide, course N 30° E.; ascend over SE. slope 159 ft.

38.11 Spur, brs. N. 60° E. and S. 60° W. Desc. over NW. slope, 198 ft.

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

$\frac{1}{4}$ S 15
S 22
1919

No trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

54.71 Foot of descent; cross wash 20 lks. wide, banks 10 ft. high, course NE.

77.15 The cor. of secs. 15 and 22.
Land, rolling and mountainous.
Soil, stony, 2nd, 3rd and 4th rate.
Timber, scattering scrub palo verde, mesquite and ironwood.
Undergrowth, greasewood brush 4 to 6 ft. high.

Resurvey:

From the cor. of secs. 16, 17, 20 and 21,
~~East, on record course, bet. secs. 16 and 21.~~
Over level land, thru scattering greasewood brush.

.31 Road from Gila River Indian Reservation to Phoenix, Arizona, brs. N. and S.

10.81 Ranch road brs. N. and S.

20.00 Enter scattering mesquite and ironwood timber, brs. N. and S.

40.00 (Record dist.) No trace of original cor.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 16
S 21
1919

No trees suitable for bearing trees available; dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist., and scatter the dirt.
Thence continue measurement, as

Survey:

44.61 Wash, 8 lks. wide, 3 ft. deep, course S. 60° W.

56.61 Road from the Gila River Indian Agency to Phoenix, Arizona, brs. NE. and SW.

80.83 The cor. of secs. 16 and 21.
Land, level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, scattering scrub palo verde, mesquite and ironwood.
Undergrowth, greasewood brush.

From the cor. of secs. 16 and 21,
N. 0° 03' W., on a random line, on E. bdy. of sec. 16.

Retracement, Resurvey and Survey of
Subdivision lines of Township 1 South, Range 2 East.

Chains.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Fall 96 lks. N. $89^{\circ} 41' E.$, of cor. of secs. 9 and 10, at which point established cor. of secs. 15 and 16, as hereinbefore described.
The line,
S. $0^{\circ} 03' E.$, on a true line, bet. secs. 15 and 16.
Ascend NW. slope 208 ft., over mountainous land, thru scattering timber and greasewood brush.
- 12.04 Ridge, brs. N. $50^{\circ} W.$ and S. $50^{\circ} E.$; descend over SW. slope 232 ft.
- 20.00 Ridge, brs. E. and W.; leave mountainous land; enter rolling land.
- 36.10 Wash, 20 lks. wide, $\frac{3}{4}$ ft. deep, course SW.
- 39.83 Set an iron post, $\frac{3}{4}$ ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 15, marked on brass cap,
 $\frac{1}{4} S 15$
1919
- 40.05 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Set an iron post, $\frac{3}{4}$ ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 16, marked on brass cap,
 $\frac{1}{4} S 16$
1919
- 40.50 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Road brs. NE. and SW.
- 52.50 Road from the Gila River Indian Agency to Phoenix, Arizona, brs. NE. and SW.
- 75.00 A point about 12.00 chs. E. of Wm. Johnson's camp.
- 79.66 The cor. of secs. 15 and 22.
- 80.10 The cor. of secs. 16 and 21.
Land, rolling and mountainous.
Soil, stony and gravelly 2nd and 3rd rate.
Timber, scattering scrub palo verde, mesquite and iron-wood.
Undergrowth, greasewood brush.

The continued satisfactory adjustment of the solar apparatus during the survey of this township, is indicated from field tests, as described in Book "B," page 3.

GENERAL DESCRIPTION.

That portion of this township surveyed by me in completing the subdivision lines in the township is for the most part, rough mountains, with some rolling and level land in secs. 14, 15, 16 and 22, and the soil, ranges from 2nd to 4th rate. The soil, of the level & rolling portions of secs. 14, 15, 16 and 22 is generally a gravelly or stony clay loam, varying in depth from a few inches to several feet, and is underlaid by a dry clay or limestone subsoil. These lands are capable of producing crops with the aid of irrigation. The soil of the mountainous portion can nearly all be classed as 3rd and 4th rate, and is wholly unfit for agricultural purposes; is covered with a light growth of desert brush and cacti, and during the rainy season of the year with a considerable growth of weeds of different varieties, suitable for sheep pasture. This part of the township is poorly watered, there being no springs found during the progress of the survey.

GENERAL DESCRIPTION (Cont'd).

The township is covered with a scattering growth of palo verde, mesquite and ironwood, most of the trees being too small to be of much value except for fuel. Gold, silver, and copper ore has been found in the mountainous portions of secs. 15, 23 and 24, though not in paying quantities. William Johnson, who lives in sec. 15 is the only settler residing on the unsurveyed land in this township at the present time.

Boundaries of Township 1 South, Range 2 East.
Latitudes, Departures, and Closing Errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
S. bdy. T. 1 S. R. 2 E.	S. 89° 38' W.	77.52		.50		77.52
	S. 89° 39' W.	39.97		.25		39.97
	S. 89° 53' W.	34.53		.07		34.53
NE. bdy. of GRIR	N. 40° 59' W.	24.20	18.27			15.87
	N. 40° 58' W.	29.94	22.61			19.63
	N. 40° 57' W.	39.96	30.18			26.19
	N. 41° 02' W.	39.37	29.70			25.85
	N. 40° 56' W.	39.94	30.17			26.16
	N. 41° 01' W.	39.96	30.15			26.22
	N. 40° 56' W.	39.93	30.16			26.16
	N. 40° 57' W.	.51	.39			.33
Subdivision lines of T. 1 S, R. 2 E.	N. 1° 00' E.	7.68	7.68		.13	
	N. 0° 13' W.	40.32	40.32			.15
	N. 0° 02' W.	79.56	79.56			.05
	N. 0° 15' E.	80.33	80.33			
	N. 89° 52' E.	79.28	.18		79.28	.35
	N. 89° 40' E.	79.31	.47		79.31	
	N. 89° 47' E.	79.37	.30		79.37	
E. boundary of T. 1 S, R. 2 E.	South,	40.00		40.00		
	S. 0° 03' E.	280.14		280.14	.24	
	S. 0° 04' E.	79.96		79.96	.10	
Convergency,					.23	
Totals,			400.84	400.92	318.26	318.63
				400.84		318.26
Error in latitude,				00.08		
Error in departure,						0.37

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, Sidney E. Blout, U.S. Cad'l. Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 91, Arizona, bearing date of the 26th day of February, 1919, 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 retraced and resurveyed all those parts or portions of the SOUTH BOUNDARY; resurveyed and surveyed all those parts or portions of the EAST BOUNDARY; and resurveyed and surveyed all those parts or portions of the SUBDIVISION of TOWNSHIP 1 SOUTH, RANGE 2 EAST,

of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction, on dates shown on diagram and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 91, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Sidney E. Blout
U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, September 4, 1920

The foregoing field notes of the Retracement and resurvey of part of the SOUTH BOUNDARY, Resurvey and survey of part of the EAST BOUNDARY, and Resurvey and survey of part of the SUBDIVISIONS of TOWNSHIP 1 SOUTH, RANGE 2 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Sidney E. Blout, U. S. Cadastral Engineer, under his special instructions dated February 26, 1919, for Group 91, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Francis D. Frost
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.

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
U. S. Surveyor General.

DMBP