

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE

BOOK 4209

FIELD NOTES

OF RETRACEMENT OF

Part of South boundary: Township 18 North, Range 10 West

of RESURVEY of

East boundary: Township 17 North, Range 10 West

and of SURVEY of

WEST boundary

NORTH boundary

and

Subdivision lines of

Fractional Township 17 North, Range 9 1/2 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Armand F. Allard, Public Land Surveyor

Supplemental Under special instructions dated October 28, 1937, which provided for the surveys included under Group No. 220 Arizona bearing the approval of the Commissioner of the General Land Office under date of November 4, 1937 and assignment instructions dated November 8, 1937.

Retracement, Resurvey and Survey commenced January 31, 1938

Retracement, Resurvey and Survey completed February 14, 1938

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INDEX DIAGRAM.

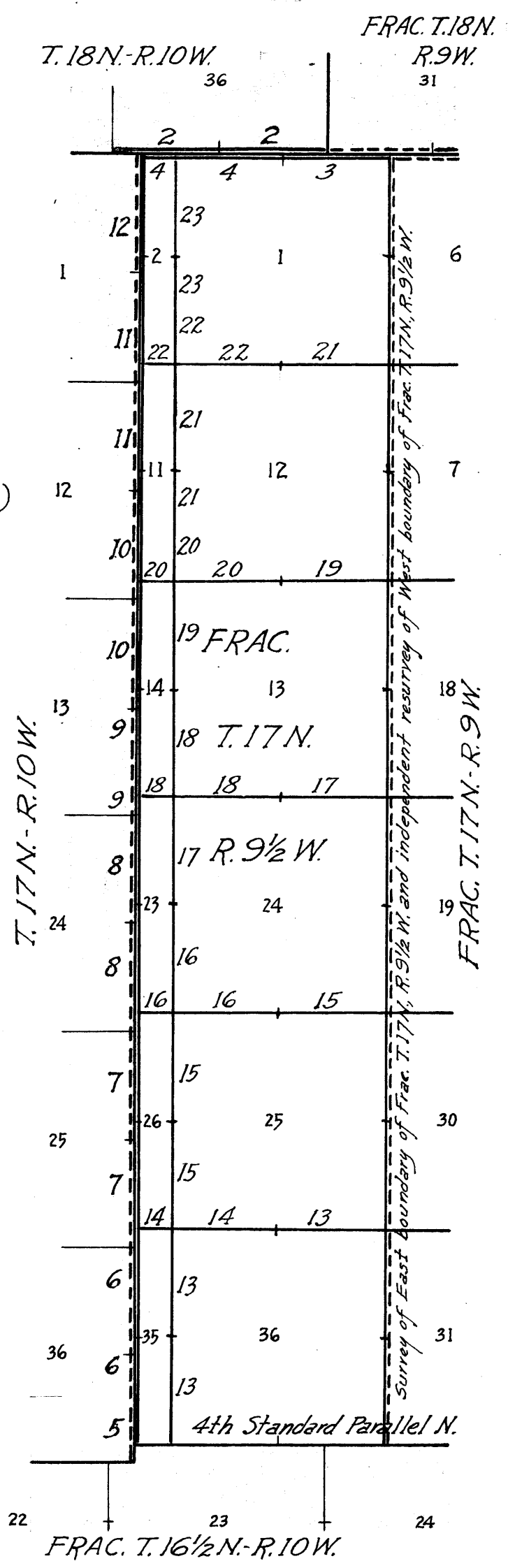
Township _____, Range _____

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

INDEX (2070)

INDEX-DIAGRAM.

-  Lines of accepted surveys.
-  Lines surveyed under this group.
-  Retraced under this group.
-  Resurveyed under this group. (dependent resurvey.)
-  Surveyed under this group, along a line of accepted survey.
-  Areas surveyed as per accepted plats on file.
-  Surveyed and independently resurveyed under this group.



The retracement, resurvey and surveys herein described were executed by Armand F. Allard, Public Land Surveyor, using Young and Sons transit No. 8544. This instrument is equipped with an improved Smith solar attachment and otherwise conforms to the standard specifications of the General Land Office. This transit was examined by the District Cadastral Engineer for California and Arizona prior to the beginning of the surveys of this group, and was approved conditional upon satisfactory results of field tests of same.

The azimuths of all of the lines of survey hereindescribed were determined with the solar attachment.

All measurements were made with a Dietzgen steel tape, 5 chs. in length, graduated every link for the first 100 lks., and the remainder at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard tape and found to be correct. All of the measurements were made on the slope, the vertical angle of each interval determined with a clinometer in good adjustment, and the horizontal equivalents entered in the field notes.

PRELIMINARY FIELD TEST OF INSTRUMENT.

January 30, 1938, at camp in the NE $\frac{1}{4}$ of sec. 19, Frac. T. 16 $\frac{1}{2}$ N., R. 9 W., G. & S.R. Meridian, Arizona, latitude 34°48'06"N., longitude 113°14'12"W., examine the adjustments of Young and Sons transit No. 8544 and find no errors; then to test the solar apparatus of same by comparing its indications with a true meridian established at this station on January 21, 1938, as described in the field notes of survey of Frac. T. 16 $\frac{1}{2}$ N., R. 9 W., proceed as follows:

at 8h. 00m., a.m., app.t., set off 34°48'N. on the latitude arc; 17°40'S. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

at app. noon, with the latitude arc unchanged; observe the sun on the meridian, and obtain a reading of 17°39'S. on the declination arc, which agrees with the computed declination of the sun.

at 4h. 00m., p.m., app.t., with the latitude arc unchanged; set off 17°34 $\frac{1}{2}$ 'S. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within 1'30" of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, prior to beginning the surveys with same which are described in the following field notes.

Retracement: Part of South boundary: T.18 N., R.10 W. and
Survey: North boundary: Frac. T. 17 N., R. 9½ W.

2.

Chains

The south bdy. of sec. 36, T. 18 N., R. 10 W. was surveyed by P. Contzen, U.S.D.S. in 1893, establishing cor. monuments thereon with common reference to areas in Ts. 17 and 18 N., R. 10 W.

In 1916, this portion of the S. bdy. of T. 18 N., R. 10 W. was resurveyed by H. D. Jackson, U.S.T. altering the sec. cor. to refer to secs. 35 and 36 only. This resurvey changed the ¼ sec. cor. to refer to the quarters of sec. 36 only but no physical change in the cor. monument was required, and the original Tp. cor. was not changed from its original reference to four Tps.

No subsequent retracement or resurvey of this portion of said Tp. bdy. is of record, but in 1926, C. E. Hunter, U.S.T. surveyed the E. bdy. of T. 17 N.; R. 10 W. and established a closing cor. of Ts. 17 N., Rs. 9 and 10 W. on the W.½ of S. bdy. of sec. 36, T. 18 N., R. 10 W.

The following notes describe a retracement of the S. bdy. of sec. 36, preliminary to the survey of the N. bdy. of Frac. T. 17 N., R. 9½ W., which Tp. bdy. is identical in position with part of S. bdy. of sec. 31, Frac. T. 18 N., R. 9 W., and part of S. bdy. of sec. 36, T. 18 N., R. 10 W.

The S. bdy. of sec. 31, Frac. T. 18 N., R. 9 W. was resurveyed under this group, altering the Tp. cor. to refer to Ts. 18 N., Rs. 9 and 10 W. only; and the W. bdy. of Frac. T. 17 N., R. 9 W. was resurveyed under this group establishing closing cor. of Frac. Ts. 17 N., Rs. 9 and 9½ W. on the S. bdy. of sec. 31; both of said resurveys being described in field notes of survey of Frac. T. 17 N., R. 9 W.

The survey of the North bdy. of Frac. T. 17 N., R. 9½ W. the notes of which immediately follow the retracement notes herein, is accomplished by the establishment on the S. bdy. of sec. 36 of the closing cor. of secs. 1 and 2, and the N. ¼ sec. cor. of sec. 1 at midpoint of N. bdy. thereof.

RETRACEMENT.

From the cor. of Frac. T. 18 N., R. 9 W. and T. 18 N., R. 10 W.

S. 89° 21' W., on random line, S. of sec. 36 (E.½).

16.51 (40.00 chs. westerly from closing cor. of Frac. Ts. 17 N., Rs. 9 and 9½ W.) Set temp. N. ¼ sec. cor. of sec. 1.

39.59 Intersect the S. ¼ sec. cor. of sec. 36.

True course and dist. of E.½ of S. bdy. of sec. 36, T. 18 N., R. 10 W. are therefore, S. 89° 21' W., 39.59 chs., which agrees with the official record of the resurvey in 1916.

Thence

S. 89° 03' W., on random line, S. of sec. 36 (W.½).

16.92 (80.00 chs. westerly from closing cor. of Frac. Ts. 17 N., Rs. 9 and 9½ W.) Set temp. closing cor. of secs. 1 and 2.

28.02 Intersect the closing cor. of Ts. 17 N., Rs. 9 and 10 W.

Retracement: Part of South boundary: T. 18 N., R. 10 W. and
 Survey: North boundary: Frac. T. 17 N., R. 9½ W.

3.

Chains

(now closing cor. of Frac. T. 17 N., R. 9½ W. and
 T. 17 N., R. 10 W.)

Continue line and measurement.

38.64 Intersect the cor. of secs. 35 and 36, which is a lava
 stone firmly set, marked and witnessed as described in
 the official record.

True course and dist. of W.½ of S. bdy. of sec. 36, T. 18
 N., R. 10 W. are therefore, S. 89° 03' W., 38.64 chs.,
 which agrees with the official record of the resurvey in
 1916, and the closing cor. of Frac. T. 17 N., R. 9½ W.
 and T. 17 N., R. 10 W. is in proper alinement bet. the
 cor. of secs. 35 and 36 and the S.¼ sec. cor. of sec. 36.

SURVEY.

From the closing cor. of Frac. Ts. 17 N., Rs. 9 and 9½ W.,
 established under this group as described in notes of
 survey of Frac. T. 17 N., R. 9 W.

N. 88° 59' W., on true line, on N. bdy. of sec. 1.

Over mountainous land, thru scattering timber and under-
 growth.

Desc. 25 ft. over SW. slope.

1.40 Bottom of ravine, course SE.; asc. 140 ft. over E. slope.

15.95 Spur, slopes SE.; desc. 50 ft. over SW. slope.

17.26 Bottom of ravine, course SE.; asc. 65 ft. over NE. slope
 to

23.49 (39.47 chs. N. 88° 59' W. from S. ¼ sec. cor. of sec. 31,
 Frac. T. 18 N., R. 9 W.) Intersect the original cor. of
 Frac. Ts. 17 and 18 N., R. 9 W. and Ts. 17 and 18 N.,
 R. 10 W., changed under this group to refer to Frac.
 T. 18 N., R. 9 W. and T. 18 N., R. 10 W. only, which is
 a malpais stone 6x10x5 ins. above ground, firmly set,
 marked and witnessed as described in the field notes of
 survey of Frac. T. 17 N., R. 9 W.

Thence

S. 89° 21' W., on true line, continuing measurement of N.
 bdy. of sec. 1.

Asc. 160 ft. over NE. slope to

39.79 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam.,
 14 ins. in the ground to bedrock, with a stone marked
 with a cross (X) deposited at base, and in a mound of
 stone to top, for N. ¼ sec. cor. of sec. 1, with brass
 cap marked

1/4 S1

1938

No bearing trees available.

Asc. 210 ft. over NE. slope.

Retracement: Part of South boundary: T. 18 N., R. 10 W. and
Survey: North boundary: Frac. T. 17 N., R. 9½ W.

4.

Chains

59.70 Ridge, bears NW. and SE., with spur sloping SW. from same about 3 chs. S. of this point. Desc. 30 ft. over W. and NW. slopes to

63.08 (39.59 chs. S. 89° 21' W., from cor. of Frac. T. 18 N., R. 9 W. and T. 18 N., R. 10 W.) Intersect the S. ¼ sec. cor. of sec. 36, T. 18 N., R. 10 W., which is a granite stone 10x8x8 ins. above ground, firmly set, marked "¼" on N. face and witnessed by a mound of stone N. No bearing trees:

Thence

S. 89° 03' W., on true line, continuing measurement of N. bdy. of sec. 1.

Desc. 340 ft. over steep broken NW. slope to

79.58 Intersect the subdivision line bet. secs. 1 and 2, Frac. T. 17 N., R. 9½ W., surveyed N. 0° 01' W. Closing cor. of said secs. established at this point as hereinafter described.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper and pinyon.
Undergrowth, oakbrush.

From closing cor. of secs. 1 and 2, Frac. T. 17 N., R. 9½ W.

S. 89° 03' W., on true line, on N. bdy. of frac. sec. 2.

Over mountainous land, thru very scattering undergrowth.

Desc. 220 ft. over steep broken NW. slope to

11.52 Intersect the closing cor. of Ts. 17 N., Rs. 9 and 10 W., which is an iron post, 3 ins. in diam., projecting 30 ins. above ground, firmly set in ground and mound of stone and marked on brass cap as described in the official record. No accessories.
As this closing cor. now refers to Frac. T. 17 N., R. 9½ W., and T. 17 N., R. 10 W., change the marking on the brass cap to read

T18N	R10W
S36	

S1	S2
CC	
T17N	
R10W	R9½W

1938
1926

No bearing trees available.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, oakbrush.

Resurvey: East boundary: T. 17 N., R. 10 W., and
 Survey: West boundary: Frac. T. 17 N., R. 9½ W.

5.

Chains The East bdy. of T. 17 N., R. 10 W., was surveyed in 1926 by C. E. Hunter, U. S. Transitman, establishing ¼ sec. and sec. cor. monuments, alternately, thereon, with common reference to areas in Ts. 17 N., Rs. 9 and 10 W., at 40 ch. intervals, counting from the std. cor. of Ts. 17 N., Rs. 9 and 10 W., which Tp. cor. Transitman Hunter established at same time in connection with survey of the 4th Std. Parallel N. thru R. 10 W.. The said E. bdy. of T. 17 N., R. 10 W. was surveyed due North, intersecting the S. bdy. of sec. 36, T. 18 N., R. 10 W. at 10.62 chs. easterly from the cor. of secs. 35 and 36, at which point of intersection a closing cor. of Ts. 17 N., Rs. 9 and 10 W. was established. Frac. T. 17 N., R. 9½ W. had not at that time been created.

No retracement or resurvey of any part of this Tp. bdy. is of record, but in 1930, W. E. Hiester, U.S. Surveyor, surveyed the 4th Std. Par. N. thru Rs. 8, 9 and Frac. R. 9½ W., intersecting this Tp. bdy. at a point 6.38 chs. N. from the std. cor. of Ts. 17 N., Rs. 9 and 10 W., establishing std. closing cor. of sec. 35, Frac. T. 17 N., R. 9½ W. at such point of intersection, and altering the original std. cor. of Ts. 17 N., Rs. 9 and 10 W. to refer to T. 17 N., R. 10 W. only (SE. cor.). Said survey of the 4th Std. Parallel created Frac. T. 17 N., R. 9½ W.

The following notes describe a resurvey of the entire East bdy. of T. 17 N., R. 10 W., accomplished by the alteration of all of the original ¼ sec. and sec. cor. monuments thereon to refer to areas W. of line only, and a survey of the West bdy. of Frac. T. 17 N., R. 9½ W., accomplished by the establishment on the East bdy. of T. 17 N., R. 10 W., of closing cors. of the West range of secs. in said frac. Tp., and the W. ¼ sec. cors. thereof at midpoints bet. the closing cors. with the exception of the W. ¼ sec. cor. of sec. 2 which is established on said Tp. bdy. at 40.00 chs. N. from the closing cor. of secs. 2 and 11. The Tp. closing cor. at the N. end of the Tp. bdy. was altered to refer to Frac. T. 17 N., R. 9½ W. and T. 17 N., R. 10 W. as hereinbefore described.

No retracement of the East bdy. of T. 17 N., R. 10 W. was made for the resurvey and survey described in the following notes, the course of the line and measurement of the corner intervals described in the official record being accepted without change for the resurvey.

The lengths of the W. bdrs. of the W. range of secs. of Frac. T. 17 N., R. 9½ W., and the points for the W. ¼ sec. cors. thereof are computed from the official record, chaining the connecting distances between the closing cors. and the original sec. cors. on which they close, and chaining the computed offset distances between the ¼ sec. cors. To present the field notes of the resurvey and survey in proper form, the topography and general description of each of the W. bdrs. of secs. of Frac. T. 17 N., R. 9½ W. is copied from the official record, except for the computed stations of the topographical features, required to give them the proper relation to the governing corners.

From the std. closing cor. of sec. 35, Frac. T. 17 N., R. 9½ W., at intersection of the 4th Std. Parallel North, with the E. bdy. of sec. 36, T. 17 N., R. 10 W.,

North, on W. bdy. of sec. 35, Frac. T. 17 N., R. 9½ W.

Over mountainous land, thru scattering undergrowth.

Resurvey: East boundary: T. 17 N., R. 10 W., and
 Survey: West boundary: Frac. T. 17 N., R. 9½ W.

6.

Chains	Asc. 100 ft. over SE. slope.
23.62	Thence along E. slope, ascending gradually.
33.62	(40.00 chs. N. from std. cor. of T. 17 N., R. 10 W.) Intersect the ¼ sec. cor. of secs. 31 and 36, which is an iron post, 1 in. in diam., projecting 36 ins. above ground, firmly set in a mound of stone to top, and mark- ed on brass cap as described in the official record. No accessories. Alter this cor. monument to refer to the quarters of sec. 36 only, by changing marking on the brass cap to read <div style="text-align: center;"> $\frac{1}{4}$ S36 1938 1926 </div>
	Continue gradual ascent along E. slope.
40.00	(Midpoint.) Set an iron post, 3 ft. long, 1 in. in diam., .6 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for W.¼ sec. cor. of sec. 35, Frac. T. 17 N., R. 9½ W., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ S35 1938 </div>
	Continue gradual ascent along E. slope.
65.82	Wash, 10 lks. wide, course S. 10° E.; asc. 44 ft. over general S. slope to
73.62.	(80.00 chs. N. from std. cor. of T. 17 N., R. 10 W.) Intersect the cor. of secs. 25, 30, 31 and 36, which is an iron post, 2 ins. in diam., projecting 28 ins. above ground, firmly set in ground and mound of stone, and marked on brass cap as described in the official record. No accessories. Alter this cor. monument to refer to secs. 25 and 36 only, by changing the marking on the brass cap to read <div style="text-align: center;"> T17N R10W R9½W S25 S35 S36 S35 1938 1926 </div>
	Asc. 135 ft. over S. slope to
80.00	Intersect the subdivision line bet. secs. 26 and 35, Frac. T. 17 N., R. 9½ W., surveyed West. Closing cor. of said secs. established at this point as hereinafter described. Land, mountainous. Soil, sandy and gravelly, 3rd rate. Timber, none. Undergrowth, oakbrush, catclaw, mesquite, bear grass and yucca.

Resurvey: East boundary: T. 17 N., R. 10 W., and
 Survey: West boundary: Frac. T. 17 N., R. 9½ W.

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7.

Chains	
	From closing cor. of secs. 26 and 35, North, on W. bdy. of sec. 26, Frac. T. 17 N., R. 9½ W. Over mountainous land, thru scattering undergrowth. Asc. 330 ft. over S. slope.
15.52	Ridge, bears NE. and SW.; desc. 59 ft. over NW. slope.
24.32	Head of draw, course NW.; asc. 71 ft. over SW. slope.
33.42	Spur, slopes N. 60° W.; desc. 5 ft. over NW. slope to
33.62	(40.00 chs. N. from cor. of secs. 25 and 36) Intersect the ¼ sec. cor. of secs. 25 and 30, which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. Alter this cor. monument to refer to the quarters of sec. 25 only by changing marking on brass cap to read
	<div style="text-align: center;"> $\frac{1}{4}$ S25 </div> <div style="text-align: center;"> 1938 1926 </div>
	Desc. 145 ft. over NW. slope to
40.01	(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for W. ¼ sec. cor. of sec. 26, Frac. T. 17 N., R. 9½ W., with brass cap marked
	<div style="text-align: center;"> $\frac{1}{4}$ S26 </div> <div style="text-align: center;"> 1938 </div>
	Desc. 160 ft. over NW. slope.
47.02	Head of wash, course W.; asc. 302 ft. over SW. slope.
63.22	Ridge, bears NW. and SE.; desc. 51 ft. over NE. slope.
68.82	Spur, slopes N. 20° E.; desc. 82 ft. over NW. slope to
73.62	(80.00 chs. N. from cor. of secs. 25 and 36) Intersect the cor. of secs. 19, 24, 25 and 30, which is an iron post, 2 ins. in diam., projecting 24 ins. above ground, firmly set in ground and mound of stone and marked on brass cap as described in the official record. No accessories. Alter this cor. monument to refer to secs. 24 and 25 only by changing marking on the brass cap to read
	<div style="text-align: center;"> T17N R10W S24 R9½W S25 S26 </div> <div style="text-align: center;"> 1938 1926 </div>
	Desc. 50 ft. over NW. slope to
80.02	Intersect the subdivision line bet. secs. 23 and 26, Frac. T. 17 N., R. 9½ W. surveyed West. Closing cor. of said

Resurvey: East boundary: T. 17 N., R. 10 W., and
 Survey: West boundary: Frac. T. 17 N., R. 9½ W.

8.

Chains	secs. established at this point as hereinafter described.
	Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, oakbrush, buckbrush and bear grass.
	From closing cor. of secs. 23 and 26, North, on W. bdy. of sec. 23. Over mountainous land, thru scattering undergrowth. Desc. 38 ft. over NW. slope.
5.10	Spur, slopes NW.; desc. 229 ft. over N. slope.
17.00	Creek, course W.; near head. Asc. 111 ft. over SW. slope to
33.60	(40.00 chs. N. from cor. of secs. 24 and 25) Intersect the ¼ sec. cor. of secs. 19 and 24, which is an iron post, 1 in. in diam., projecting 28 ins. above ground, firmly set in ground and mound of stone, and marked on brass cap as described in the official record. No accessories. Alter this cor. monument to refer to the quarters of sec. 24 only by changing the marking on the brass cap to read <div style="text-align: center;"> $\frac{1}{4}$ S24 1938 1926 </div> Asc. slightly over SW. slope.
34.00	Spur, slopes NW., desc. 34 ft. over NE. slope to
40.09	(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for W. ¼ sec. cor. of sec. 23, Frac. T. 17 N., R. 9½ W., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ S23 1938 </div> Desc. 63 ft. over NE. slope.
51.10	Wash, 6 lks. wide, course NW.; thence across level land.
63.90	Wash, 10 lks. wide, course W.; asc. 29 ft. over SE. slope to
73.60	(80.00 chs. N. from cor. of secs. 24 and 25) Intersect the cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone, and marked on brass cap as described in the official record. No accessories. Alter this cor. monument to refer to secs. 13 and 24 only by changing marking on the brass cap to read

Resurvey: East boundary: T. 17 N., R. 10 W., and
 Survey: West boundary: Frac. T. 17 N., R. 9½ W.

9.

Chains	
	T17N R10W S13 R9½W S24 S23 1938 1926
	Desc. slightly to
74.70	Wash, 4 lks. wide, course S. 20° E.; asc. 42 ft. over SW. slope to
80.18	Intersect the subdivision line bet. secs. 14 and 23, Frac. T. 17 N., R. 9½ W. surveyed West. Closing cor. of said secs. established at this point as hereinafter described. Land, mountainous. Soil, sandy and rocky, 3rd rate. Timber, none. Undergrowth, oakbrush, buckbrush, catclaw, mesquite and beargrass.
	From closing cor. of secs. 14 and 23, North, on W. bdy. of sec. 14. Over mountainous land, thru scattering undergrowth. Asc. 67 ft. over SW. slope.
7.42	Head of wash, course SW.; asc. 47 ft. over S. slope.
12.92	Spur, slopes W.; desc. 86 ft. over N. slope.
23.82	Wash, 10 lks. wide, course W.; asc. 105 ft. over SE. slope to
33.42	(40.00 chs. N. from cor. of secs. 13 and 24) Intersect the ¼ sec. cor. of secs. 13 and 18, which is an iron post, 1 in. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone, and marked on brass cap as described in the official record. No accessories. Alter this cor. monument to refer to the quarters of sec. 13 only by changing the marking on the brass cap to read <div style="text-align: center;"> ¼ S13 1938 1926 </div> Asc. 70 ft. over SE. slope to
40.04	(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) chiseled on exposed bedrock, and in a mound of stone to top, for W.¼ sec. cor. of sec. 14, Frac. T. 17 N., R. 9½ W., with brass cap marked <div style="text-align: center;"> ¼ S14 1938 </div> Asc. 96 ft. over SE. slope.
49.02	Spur, slopes SW.; desc. 114 ft. over NW. slope.

Resurvey: East boundary: T. 17 N., R. 10 W., and
 Survey: West boundary: Frac. T. 17 N., R. 9½ W.

10

Chains

- 62.02 Wash, 10 lks. wide, course SW.; asc. 100 ft. over SE. slope to
- 73.42 (80.00 chs. N. from the cor. of secs. 13 and 24) Intersect the cor. of secs. 7, 12, 13 and 18, which is an iron post, 2 ins. in diam., projecting 9 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W.
 Alter this cor. monument to refer to secs. 12 and 13 only by changing marking on the brass cap to read
- | | | |
|------|------|------|
| | T17N | |
| R10W | | |
| S12 | | R9½W |
| S13 | | S14 |
- 1938
1926
- Asc. 51 ft. over SE. slope to
- 80.07 Intersect the subdivision line bet. secs. 11 and 14, Frac. T. 17 N., R. 9½ W., surveyed West. Closing cor. of said secs. established at this point as hereinafter described.
- Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, oakbrush, catclaw, mesquite and yucca.
-
- From closing cor. of secs. 11 and 14,
 North, on W. bdy. of sec. 11.
 Over mountainous land, thru scattering undergrowth.
 Asc. 96 ft. over SE. slope.
- 12.45 Ridge, bears NE. and SW.; desc. 500 ft. over N. slope to Adobe Creek.
- 33.35 (40.00 chs. N. from cor. of secs. 12 and 13) Intersect the ¼ sec. cor. of secs. 7 and 12, which is an iron post, 1 in. in diam., projecting 9 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. Alter this cor. monument to refer to the quarters of sec. 12 only by changing marking on the brass cap to read
- | | | |
|-----|---|--|
| | ¼ | |
| S12 | | |
- 1938
1926
- Desc. over N. slope.
- 35.25 Adobe Creek, containing small stream of water, course W. Asc. 66 ft. over rocky S. slope to
- 39.93 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for W. ¼ sec. cor. of sec. 11, Frac. T. 17 N., R. 9½ W., with brass cap marked

Resurvey: East boundary; T. 17 N., R. 10 W., and
 Survey: West boundary; Frac. T. 17 N., R. 9½ W.

Chains	
	$\frac{1}{4} $ $S11$
	1938
	Ascend 600 ft. over steep S. and SW. slopes to cor. of secs. 1 and 12.
63.00	Drain, course SW.
73.35	(80.00 chs. N. from cor. of secs. 12 and 13) Intersect the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. in diam., projecting 36 ins. above ground, firmly set in a mound of stone, and marked on brass cap as described in the official record.. No accessories. Alter this cor. monument to refer to secs. 1 and 12 only by changing the marking on the brass cap to read
	$\begin{array}{c} T17N \\ R10W \\ \hline S1 \\ \hline S12 \end{array} \quad \begin{array}{c} R9\frac{1}{2}W \\ S11 \end{array}$
	1938 1926
	Asc. 15 ft. over SW. slope.
74.35	Spur, slopes SW.; desc. 28 ft. over NW. slope.
78.55	Head of draw, course SW.; asc. 24 ft. over SW. slope to
79.87	Intersect the subdivision line bet. secs. 2 and 11, Frac. T. 17 N., R. 9½ W. surveyed West. Closing cor. of said secs. established at this point as hereinafter described.
	Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, oakbrush, buckbrush, mountain mahogany and yucca.
	From closing cor. of secs. 2 and 11, North, on W. bdy. of sec. 2. Over mountainous land, thru scattering undergrowth. Asc. 114 ft. over SW. slope.
7.18	Spur, slopes SW.; desc. 50 ft. over N. slope.
11.58	Bottom of ravine, 4 lks. wide, course W.; asc. 140 ft. over SW. slope.
22.98	Spur, slopes W.; desc. 324 ft. over N. slope to
33.48	(40.00 chs. N. from cor. of secs. 1 and 12) Intersect the ¼ sec. cor. of secs. 1 and 6, which is an iron post, 1 in. in diam., projecting 26 ins. above ground, firmly set in ground and mound of stone, and marked on brass cap as described in the official record. No accessories. Alter this cor. monument to refer to the quarters of sec. 1 only by changing the marking on the brass cap to read
	$\frac{1}{4} $ $S1$
	1938 1926

BOOK 4209

Resurvey: East boundary: T. 17 N., R. 10 W., and
Survey: West boundary: Frac. T. 17 N., R. 9½ W.

Chains	
33.58	Draw, 10 lks. wide, course W.; asc. 142 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for W.¼ sec. cor. of sec. 2, with brass cap marked
	¼ S2
	1938.
	Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
	Asc. 27 ft. over SW. slope.
41.18	Point of spur, slopes W.; desc. 147 ft. over NW. slope.
50.58	Bottom of ravine, 10 lks. wide, course SW.; asc. 301 ft. over S. slope.
58.58	Spur, slopes W.; desc. 248 ft. over NW. slope to
77.14	(83.66 chs. N. from cor. of secs. 1 and 12) Intersect the closing cor. of Frac. T. 17 N., R. 9½ W., and T. 17 N., R. 10 W., hereinbefore described.
	Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, oakbrush, buckbrush, mountain mahogany and yucca.

Survey: Subdivision lines: Frac. T. 17 N., R. 9 1/2 W.

4209

Chains

Commence the subdivisional survey of Frac. T. 17 N., R. 9 1/2 W., at the std. cor. of secs. 35 and 36 on the S. bdy. of the Tp. (4th Std. Par. N.), which is an iron post, 2 ins. in diam., projecting 24 ins, above ground, firmly set in ground and mound of stone and marked on brass cap as described in the official record. No accessories.

Thence

N. 0° 01' W., bet. secs. 35 and 36.

Over rolling land, thru scattering undergrowth.

Asc. 125 ft. over gradual SW. slope.

35.14 Leave rolling and enter mountainous land. Asc. 80 ft. over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

S35 | S36

1938

Asc. 122 ft. over SW. slope to

47.00 Top of ascent. Thence across nearly level point of spur sloping SW.

63.50 Leave top of spur and enter mountainous land. Desc. 110 ft. over NW. slope.

69.28 Drain, 5 lks. wide, course SW.; asc. 186 ft. over broken SW. slope strewn with sandstone boulders.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) chiseled on exposed bedrock, and in a mound of stone to top, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T17N . R9 1/2 W
S26 | S25
S35 | S36

1938

Land, rolling, mountainous, broken and nearly level.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, oakbrush and cacti.

East, on random line, bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

80.22 Intersect E. bdy. of the Tp. 2 lks. N. of the cor. of secs. 25, 30, 31 and 36, established under this group as described in notes of survey of Frac. T. 17 N., R. 9 W.

Thence

N. 89° 59' W., on true line, bet. secs. 25 and 36.

BOOK 4209

Survey: Subdivision lines: Frac. T. 17 N., R. 9½ W.

14

Chains Over rolling and mountainous land, thru scattering undergrowth and very scattering timber...

Desc. 10 ft. over SW. slope.

3.50 Wash, 20 lks. wide, course SE.; asc. 108 ft. over SE. slope.

13.30 Spur, slopes S.; desc. 46 ft. over SW. slope.

20.00 Drain, 5 lks. wide, course SE.; asc. 238 ft. over SE. slope to

40.11 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ $\frac{S\ 25}{S\ 36}$

1938

Asc. 316 ft. over SE. slope.

60.50 Spur ridge, bearing N. and S., sloping S. Desc. 290 ft. over broken SW. slope strewn with sandstone boulders.

80.22 The cor. of secs. 25, 26, 35 and 36.

Land, rolling and mountainous.

Soil, rocky, 4th rate.

Timber, mesquite and catclaw.

Undergrowth, oakbrush and cacti.

West, bet. secs. 26 and 35.

Over mountainous land, thru scattering undergrowth.

Desc. 127 ft. over broken SW. slope strewn with sandstone boulders.

10.50 Drain, course S.; asc. 14 ft. over S. slope to

11.75 Intersect the W. bdy. of the Tp.
Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) chiseled in exposed bedrock, and in a mound of stone to top, for closing cor. of secs. 26 and 35, with brass cap marked

T17N
R10W | R9½W
S25 | S26 CC
 | S35

1938

From point of intersection the cor. of secs. 25 and 36, T. 17 N., R. 10 W., hereinbefore described, bears South, 6.38 chs. dist.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, oakbrush and cacti.

Survey: Subdivision lines: Frac. T. 17 N., R. 9 $\frac{1}{2}$ W.

1009

15

Chains	
	From cor. of secs. 25, 26, 35 and 36, N. 0° 01' W., bet. secs. 25 and 26. Over mountainous and heavily rolling land, thru scattering undergrowth. Asc. 290 ft. over SW. slope.
26.40	Ridge, bears NW. and SE.; desc. 92 ft. over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S26 S25
	1938
	Desc. 57 ft. over NE. slope.
46.72	Asc. gradually over SE. slope.
54.50	Spur, slopes E.. Desc. 341 ft. over broken NE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) chiseled in exposed bedrock, and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap marked
	T17N R9 $\frac{1}{2}$ W S23 S24 S26 S25
	1938.
	Land, mountainous, heavily rolling and broken. Soil, rocky, 4th rate. Timber, none. Undergrowth, oakbrush and cacti.
	S. 89° 59' E., on random line, bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect E. bdy. of the Tp. 7 lks. N. of the cor. of secs. 19, 24, 25 and 30, established under this group as described in notes of survey of Frac. T. 17 N., R. 9 W.
	Thence
	N. 89° 56' W., on true line, bet. secs. 24 and 25.
	Over mountainous land, thru very scattering timber and dense undergrowth.
	Desc. 349 ft. over NW. slope..
18.10	Wash, 20 lks. wide, course SE.; asc. 438 ft. over broken SE. slope.
39.17	Sharp, rocky spur, slopes S.; desc. 25 ft. over SW. slope to
40.10	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in

Survey: Subdivision lines: Frac. T. 17 N., R. 9½ W.

16

Chains	<p>the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked</p> <p style="text-align: center;">¼ $\frac{S\ 24}{S\ 25}$</p> <p style="text-align: center;">1938</p> <p>No bearing trees available.</p> <p>Desc. 325 ft. over SW. slope.</p> <p>61.20 Wash, 10 lks. wide, course SE. Undergrowth becomes scattering. Asc. 70 ft. over broken SE. slope.</p> <p>73.00 Point of spur, slopes S.; desc. 75 ft. over SW. slope.</p> <p>78.20 Wash, 5 lks. wide, course SE.; asc. 14 ft. over NE. slope to</p> <p>80.20 The cor. of secs. 23, 24, 25 and 26.</p> <p>Land, mountainous and broken. Soil, rocky, 4th rate. Timber, juniper and oak. Undergrowth, oakbrush and cacti.</p>
	<p>West, bet. secs. 23 and 26.</p> <p>Over mountainous land, thru scattering undergrowth.</p> <p>Asc. 132 ft. over NE. slope.</p> <p>9.70 Spur, slopes NW.; desc. 32 ft. over NW. slope to</p> <p>11.74 Intersect the W. bdy. of the Tp. Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for closing cor. of secs. 23 and 26, with brass cap marked</p> <p style="text-align: center;">T17N R10W R9½W S24 S23 CC S26</p> <p style="text-align: center;">1938</p> <p>Raise a mound of stone, 2½ ft. base, 2 ft. high, E. of cor. From point of intersection, the cor. of secs. 24 and 25, T. 17 N., R. 10 W., bears South, 6.40 chs. dist.</p> <p>Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, none. Undergrowth, oakbrush and cacti.</p>
	<p>From cor. of secs. 23, 24, 25 and 26,</p> <p>N. 0° 01' W., bet. secs. 23 and 24.</p> <p>Over heavily rolling land, thru scattering undergrowth and very scattering timber.</p> <p>Desc. 10 ft. over NE. slope.</p> <p>1.50 Wash, course SE.; asc. gradually over W. slope.</p> <p>10.00 Asc. 137 ft. over SW. and S. slopes.</p>

Survey: Subdivision lines: Frac. T. 17 N., R. 9½ W.

200

17

Chains

- 23.93 Spur, slopes W.; desc. 103 ft. over N. slope to
 35.31 Foot of descent, bears NW. and E. Enter level land and dense undergrowth in Pilot Knob Basin.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S23 | S24

1938

No bearing trees available.

Continue over level land in Pilot Knob Basin, thru dense undergrowth, and very scattering timber.

- 75.00 Foot of slope bears NW. and SE. Leave Pilot Knob Basin and enter rolling land. Asc. 63 ft. over SW. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T17N R9½W

S14	S13
S23	S24

1938

No bearing trees available.

Raise a mound of stone 3½ ft. base, 3 ft. high, W. of cor.

Land, heavily rolling and level.
 Soil, gravelly and rocky, 3rd and 4th rates.
 Timber, oak.
 Undergrowth, oakbrush.

S. 89° 56' E., on random line, bet. secs. 13 and 24.

- 40.00 Set temp. ¼ sec. cor.
 80.20 Intersect the E. bdy. of the Tp., 19 lks. S. of the cor. of secs. 13, 18, 19 and 24, established under this group as described in the notes of survey of Frac. T. 17 N., R. 9 W.

Thence

S. 89° 56' W., on true line, bet. secs. 13 and 24.

Over rolling land, thru dense undergrowth and very scattering timber.

Desc. 24 ft. over S. slope.

- 4.18 Desc. 130 ft. over SW. slope to
 28.00 Foot of slope, bears NW. and SE. Thence over level land in Pilot Knob Basin.
 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in

Survey: Subdivision lines: Frac. T. 17 N., R. 9½ W.

18

Chains

the ground, for ¼ sec. cor., with brass cap marked

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

1938

No bearing trees available.

Raise a mound of stone, 3½ ft. base, 2 ft. high, N. of cor.

Continue over level and nearly level land, in Pilot Knob Basin, thru dense undergrowth and very scattering timber.

71.29 Foot of slope, bears NE. and SW.; leave Pilot Knob Basin. Enter rolling land. Asc. 40 ft. over SE. slope.

76.25 Low spur, slopes S.; desc. 15 ft. over SW. slope to

80.20 The cor. of secs. 13, 14, 23 and 24.

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

west, bet. secs. 14 and 23.

Over heavily rolling land, thru scattering undergrowth.

Desc. 85 ft. over SW. slope to

11.66 Intersect W. bdy. of the Tp.
Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for closing cor. of secs. 14 and 23, with brass cap marked

	T17N	
		R9½W
R10W		S14 CC
S13		S23

1938

From point of intersection the cor. of secs. 13 and 24, T. 17 N., R. 10 W., hereinbefore described, bears South, 6.58 chs. dist.

Land, heavily rolling.
Soil, gravelly and rocky, 3rd and 4th rates.
Timber, none.
Undergrowth, oakbrush and cacti.

From the cor. of secs. 13, 14, 23 and 24,

N. 0° 01' W., bet. secs. 13 and 14.

Over heavily rolling and mountainous land, thru scattering undergrowth and very scattering timber.

Asc. 129 ft. over SW. slope.

8.00 Spur, slopes S. 30° E.; asc. 60 ft. over E. and SE. slopes.

Survey: Subdivision lines: Frac. T. 17 N., R. 9 $\frac{1}{2}$ W.

19

Chains	
32.00	Spur, slopes SW.; desc. 92 ft. over NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S14 S13 1938
	No bearing trees available.
	Desc. 40 ft. over NW. slope.
43.30	Wash, 30 lks. wide, in bottom of ravine, course SW.; asc. 244 ft. over SE. slope to
58.60	Top of ascent, bears NE. and SW.; thence across nearly level top of spur, sloping SW.
66.14	Leave top of spur and enter heavily rolling land. Desc. 80 ft. over NW. slope.
74.50	Wash, 20 lks. wide, course SW. near head; asc. 40 ft. over SE. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for cor. of secs. 11, 12, 13 and 14, with brass cap marked
	T17N R9 $\frac{1}{2}$ W S11 S12 S14 S13 1938
	No bearing trees available.
	Land, heavily rolling, mountainous and nearly level. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush and cacti.
	N. 89° 56' E., on random line, bet. secs. 12 and 13
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., established under this group as described in the notes of survey of Frac. T. 17 N., R. 9 W.
	Thence
	S. 89° 56' W., on true line, bet. secs. 12 and 13.
	Over mountainous land, thru scattering undergrowth and very scattering timber.
	Asc. 69 ft. over NE. slope.
5.04	Ridge, bears NW. and SE.; desc. 418 ft. over broken SW. slope.

Chains

29.63 Desc. 135 ft. over W. slope to

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ $\frac{S 12}{S 13}$

1938

No bearing trees available.

Desc. 280 ft. over W. slope.

57.00 Wash, 50 lks. wide, in bend, course S. 20° E. from NE.
Asc. 108 ft. over E. slope.

66.47 Top of ascent, bears NE. and SE. Thence over rolling land.
Desc. 46 ft. over S. slope.

76.45 Asc. 30 ft. over SE. slope to

80.08 The cor. of secs. 11, 12, 13 and 14.

Land, mountainous and rolling.
Soil, rocky, 4th rate.
Timber, juniper.
Undergrowth, oakbrush and cacti.

West, bet. secs. 11 and 14.

Over rolling land, thru scattering undergrowth.

Asc. 45 ft. over SE. slope to

11.62 Intersect the W. bdy. of the Tp.
Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for closing cor. of secs. 11 and 14, with brass cap marked

T17N
R10W | R9½W
S12 | S11 | CC
S14

1938

Raise a mound of stone, 3½ ft. base, 2 ft. high, E. of cor.

From the point of intersection the cor. of secs. 12 and 13, T. 17 N., R. 10 W., hereinbefore described, bears South, 6.65 chs. dist.

Land, rolling.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, oakbrush and cacti.

From the cor. of secs. 11, 12, 13 and 14.

N. 0° 01' W., bet. secs. 11 and 12.

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

Survey: Subdivision lines: Frac. T. 17 N., R. 9½ W.

1900

21

Chains	Asc. 131 ft. over SE. slope.
19.16	Ridge, bears NE. and SW. Enter mountainous land. Desc. 580 ft. over steep N. slope.
35.15	Adobe Creek, course W., containing a stream of water 20 lks. wide, 12 ins. deep. Asc. 52 ft. over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for ¼ sec. cor. with brass cap marked
	¼ S11 S12 1938
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Asc. 173 ft. over SE. slope.
50.93	Asc. 260 ft. over SW. slope to
69.00	Drain, course SW.; asc. 387 ft. over steep SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for cor. of secs. 1, 2, 11 and 12, with brass cap marked
	T17N R9½W S2 S1 S11 S12 1938
	No bearing trees available.
	Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush and cacti.
	N. 89° 56 E., on random line, bet. secs. 1 and 12.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect the E. bdy. of the Tp. 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, established under this group as described in notes of survey of Frac. T. 17 N., R. 9 W.
	Thence
	S. 89° 53' W., on true line, bet. secs. 1 and 12.
	Over mountainous land, thru dense undergrowth and very scattering timber.
	Asc. 85 ft. over NE. slope.
4.81	Spur slopes N. from mesa; desc. 539 ft. over W. slope.
29.92	Adobe Creek, course SW., containing a stream of water, 15 lks. wide, 12 ins. deep. Asc. 213 ft. over broken

Survey: Subdivision lines: Frac. T. 17 N., R. 9½ W.

22

Chains	SE. slope to
39.96	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S \ 1}{S \ 12}$
	1938
	No bearing trees available.
	Asc. 109 ft. over SE. slope.
49.92	Point of spur, slopes SE.; asc. 74 ft. over S. slope to
55.90	Bottom of ravine, course SE., near head. Asc. 447 ft. over broken SE. slope.
73.69	Spur, slopes S.; desc. 61 ft. over SW. slope to
79.92	The cor. of secs. 1, 2, 11 and 12.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush.
	West, bet. secs. 2 and 11.
	Over mountainous land, thru scattering undergrowth.
	Desc. 100 ft. over SW. slope to
8.39	Top of cliffs bearing NW. and SE., facing SW. Desc. 129 ft. over cliffs to
11.60	Intersect the West bdy. of the Tp. Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for closing cor. of secs. 2 and 11, with brass cap marked
	$\begin{array}{c c} T17N & \\ R10W & R9\frac{1}{2}W \\ S1 & \frac{S2}{S11} \end{array} \text{CC}$
	1938
	From the point of intersection the cor. of secs. 1 and 12, T. 17 N., R. 10 W. hereinbefore described bears South, 6.52 chs. dist.
	Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, oakbrush and cacti.
	From the cor. of secs. 1, 2, 11 and 12.
	N. 0° 01' W., bet. secs. 1 and 2.
	Over mountainous land, thru scattering undergrowth and very scattering timber.

Survey: Subdivision lines: Frac. T. 17 N., R. 9½ W.

23

Chains	Asc. 137 ft. over SW. slope.
8.02	Spur, slopes W.; desc. 45 ft. over N. slope.
15.00	Bottom of ravine, course SW.; near head. Asc. 74 ft. over S. slope.
19.97	Spur, slopes W.; desc. 335 ft. over NW. slope.
29.29	Bottom of draw, 30 lks. wide, course W.; asc. 162 ft. over S. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked.
	¼ S2 S1 1938
	No bearing trees available.
	Asc. 19 ft. over S. slope to
42.08	Top of ascent, bears E. and W. Thence across top of spur, sloping W.
44.55	Leave top of spur; desc. 137 ft. over NW. slope.
60.50	Bottom of ravine, course SW.; asc. 101 ft. over S. slope.
72.00	Top of ascent bears E. and SW. Thence across top of spur sloping SW. from E.
74.54	Leave top of spur. Desc. 96 ft. over cliffs facing NW.
77.40.	Intersect the N. bdy. of the Tp. Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for closing cor. of secs. 1 and 2, with brass cap marked
	T18N R10W S36 S2 S1 CC T17N R9½W 1938
	No bearing trees available.
	From the point of intersection, the cor. of secs. 35 and 36, T. 18 N., R. 10 W., bears S. 89° 03' W., 22.14 chs. dist.; the closing cor. of Frac. T. 17 N., R. 9½ W. and T. 17 N. R. 10 W. bears S. 89° 03' W., 11.52 chs. dist.; and the S. ¼ sec. cor. of sec. 36, T. 18 N., R. 10 W. bears N. 89° 03' E., 16.50 chs. dist. All of said cors. are hereinbefore described.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush.

GENERAL DESCRIPTION.

This fractional township contains many varieties of surface, ranging from level to mountainous. The average elevation is about 5500 feet above sea level. Mountainous, broken and heavily rolling are the predominating classes of surface. A large basin embracing about 400 acres in area, situate in secs. 13, 23 and 24, known as Pilot Knob Basin, contains level, nearly level, and gently rolling surface, and the greater part of secs. 13 and 24 drains into this basin, which has its outlet to the west. The west range of fractional sections, with the exception of sec. 35, drain westerly. The greater part of secs. 1 and 12 drains into Adobe Creek. Sec. 35 and the greater part of sec. 36, drains southerly, and the greater part of sec. 25 drains southeasterly. Adobe Creek, the principal watercourse in the township, crosses the northern portion, with a southwesterly course, entering on the East bdy. of sec. 1 and leaving on the west bdy. of sec. 11. This creek joins Francis Creek in sec. 20, T. 17 N., R. 10 W. Bear Creek, which heads in sec. 3 of Frac. T. 17 N., R. 9 W., has a general westerly course, crosses the east bdy. of sec. 1, and joins Adobe Creek in the east half of sec. 1. Adobe and Bear Creeks both carry a permanent flow of water normally, and are the only watercourses in this township which contain flowing streams of water.

The soil over nearly all of this township is rocky, 4th rate. In Pilot Knob Basin much of the soil is sandy and gravelly, 3rd rate.

The timber consists of juniper, pinyon, oak, mesquite and catclaw, and occurs in a very scattering growth. The west range of secs. and the greater part of secs. 25 and 36, is devoid of timber.

The undergrowth consists of oakbrush, buckbrush, scrub mesquite and catclaw, mahogany, cacti and bear grass, and in general is scattering over most of the township. The undergrowth is dense in the Pilot Knob Basin, in parts of secs. 1 and 12, and parts of secs. 24 and 25.

There is a good spring in Pilot Knob Basin, near the center of sec. 13, which has been improved by the construction of a concrete tank, into which it flows, and it is enclosed by a barbed wire fence. This is the only spring in the township observed during the survey.

There are no mining claims, and no evidence of valuable mineral deposits was found.

There are no settlers and the only improvement consists of the concrete tank and surrounding fence at the spring in sec. 13.

There are no improved or well traveled roads. A dim road, in sec. 24, extending southeasterly from Pilot Knob Basin into Frac. T. 17 N., R. 9 W., and a trail in sec. 12 extending northwesterly from same township to Adobe Creek, constitute the only means of travel.

The land in this township is of fair value for grazing, and it is now being used for that purpose.

FINAL FIELD TEST OF INSTRUMENT.

The continued satisfactory adjustment of the solar apparatus of Young and Sons transit No. 8544 throughout the sur-

veys executed with said instrument which are described in the foregoing field notes, is indicated from the final field tests of same described in the field notes of survey of Frac. T. 17 N., R. 9 W., executed under this group.

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4-680
(Revised May 1934)

BOOK 4209

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

Armand F. Allard

to

Public Land Surveyor

NAMES	CAPACITY
Irwin B. Williams	Principal Assistant
Kenneth Poor	Chainman
Rulon F. Westover	Cornerman
Van N. Kilgore	Axman
Alfred A. Sussex	Axman
Clifford Cline	Flagman

CERTIFICATE OF SURVEYOR

I, Armand F. Allard, Public Land Surveyor, HEREBY CERTIFY upon honor that, in pursuance of ^{supplemental} special instructions bearing date of the 28th day of October, 1937, received from the district cadastral engineer for Arizona, with assignment instructions dated November 8, 1937, I have retraced Part of South bdy. of T. 18 N., R. 10 W.; resurveyed all of the East bdy. of T. 17 N., R. 10 W., and surveyed the West bdy., the North bdy., and Subdivision lines of Fractional Township No. 17 North, Range No. 9½ West of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said ^{retracement, resurvey and} surveys have been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Chas. C. Clegg
April 1, 1940

Armand F. Allard
Public Land Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,
Denver, Colo. APR 30 1940, 1940.

The foregoing field notes of the ^{retracement of} Part of South bdy. of T. 18 N., R. 10 W.; of ^{resurvey of} all of East bdy. of T. 17 N., R. 10 W.; and of ^{survey of} West bdy., North bdy. and Subdivision lines of Fractional Township 17 North, Range 9½ West, of the Gila and Salt River Meridian, Arizona, executed by Armand F. Allard, Public Land Surveyor, under ^{supplemental} special instructions dated October 28, 1937 for Grp. 220, Arizona, and assignment instructions dated November 8, 1937, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the ^{retracement, resurvey, and surveys} therein described, are hereby approved.

Wm. P. Johnson
Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~
~~is a true copy of the original field notes on file in the public survey office.~~

~~Supervisor of Surveys.~~