

Original

4-679  
(April 1933)

Book C.

BOOK 4213

4213

# FIELD NOTES

OF THE

Resurvey and Survey of the South and West Boundaries, and

a portion of the subdivisional lines, completing the

Subdivision of Township 10 South, Range 12 West,

Of the Gila and Salt River Meridian,

In the State of Arizona

### EXECUTED BY

Horace M. Muscott, Public Land Surveyor,

Thornton Fitzhugh, Transitman,  
Carroll I. Parkman, Transitman,

General Land Office,

Under special instructions dated November 20, 1936, which provided  
for the surveys included under Group No. 218, bearing the approval of the  
Commissioner of the General Land Office under date of December 18, 1936  
and assignment instructions dated February 23, 1937.

Survey commenced March 1, 1937.

Survey completed March 19, 1937.

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Resurvey of a portion of the S. bdy. of T.10 S., R.12 W.

4213

## Chains

The survey was executed with Buff & Buff solar transit No. 16723 and Young & Sons solar transits Nos. 8385 and 8491. The instruments are equipped with full vertical circles and the Smith solar attachments and were approved by the District Cadastral Engineer at Glendale, California, on February 23, 1937, conditional upon satisfactory field tests. We examine all the instrumental adjustments before making the field tests hereinafter described.

The directions of the lines were determined by the solar transit method and by deflection angles from the meridian determined by the solar transit method. The measurements were made with Lallie steel tapes, 5 chs. in length, graduated every lk. for the 1st 100 lks., and thereafter at intervals of 10 lks. The tapes were tested by comparison with a Lufkin standard and found to be correct. The measurements were made on the slope and the vertical angle at each interval ascertained by clinometers in good adjustment. The horizontal equivalents are entered in the field note record.

The geographical position of the SE. cor. of the Tp., as furnished with the special instructions, is as follows: latitude  $32^{\circ}30'35''N$  and longitude  $113^{\circ}27'00''W$ .

Feb. 24, 1937, with Buff & Buff solar transit No. 16723, every 30 min. from 8:00 a.m. to 10:30 a.m., and from 1:30 p.m. to 4:00 p.m., the proper settings are made on the lat. and decl. arcs; the resulting orientation of the instrument, when compared with the meridian established by Roger F. Wilson, on Nov. 24, 1936, in camp at Sentinel, Arizona, and recorded in the field notes of T.9 S., R.11 W., Group 200, Arizona, has a maximum error of less than  $1'30''$ .

Mar. 7, 1937, with Young & Sons solar transit No. 8385, every 30 min. from 8:00 a.m. to 10:30 a.m., and from 1:30 p.m. to 4:00 p.m., the proper settings are made on the lat. and decl. arcs; the resulting orientation of the instrument, when compared with the meridian established, hereinbefore described, has a maximum error of less than  $1'30''$ .

Mar. 7, 1937, with Young & Sons solar transit No. 8491, every 30 min. from 8:00 a.m. to 10:30 a.m., and from 1:30 p.m. to 4:00 p.m., the proper settings are made on the lat. and decl. arcs; the resulting orientation of the instrument, when compared with the meridian established, hereinbefore described, has a maximum error of less than  $1'30''$ .

From the cor. of T.10 S., Rs. 11 and 12 W., described in the field notes of the East bdy. of T.10 S., R.12 W., resurvey under this group,

West, on a random line, along the S. bdy. of T.10 S., R.12 W.

40.00	A point 13 lks. N. of the $\frac{1}{4}$ sec. cor.
80.21	A point 13 lks. S. of the cor. of secs. 1, 2, 35 and 36.
120.35	A point 29 lks. S. of the $\frac{1}{4}$ sec. cor.
160.46	A point 52 lks. S. of the cor. of secs. 2, 3, 34 and 35.
200.60	A point 75 lks. S. of the $\frac{1}{4}$ sec. cor.
240.72	A point 84 lks. S. of the cor. of secs. 3, 4, 33 and 34.
	I return to the cor. of T.10 S., Rs. 11 and 12 W.
	Thence,

## Resurvey of a portion of the S. bdy. of T.10 S., R.12 W.

Chains	S.89°49'W., on a true line, along the S. bdy. of sec. 36.
	Over nearly level desert land, thru scattered undergrowth.
40.00	The $\frac{1}{4}$ sec. cor. for secs. 1 and 36, a mesquite post, 3 ins. square, 30 ins. above ground, firmly set, mkd. $\frac{1}{4}$ on the N. face. The pits and mound of earth have disappeared.
	As this cor. now refers to sec. 36 only, T.10 S., at point for cor.,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the mesquite post alongside, for $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap mkd.
	<u><math>\frac{1}{4}</math> S 36</u>
	1937
	No suitable accessory.
	Thence,
	N.89°38'W., on a true line, along the S. bdy. of sec. 36.
	Over nearly level desert land, thru scattered undergrowth.
29.10	Dim road, bears NW. and SE.
40.21	The cor. of secs. 1, 2, 35 and 36, a redwood post, 4 ins. square, 30 ins. above ground, firmly set, mkd; T 10 S S 36 on NE., R 12W S 1 on SE., T 11 S S 2 on the SW., and S 35 on the NW. face, with 1 notch on the NE. and 5 notches on the NW. face. The pits and mound of earth have disappeared.
	As this cor. now becomes the cor. of secs. 35 and 36 only, T.10 S., at point for cor.,
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the redwood post alongside, for cor. of secs. 35 and 36 only, with brass cap mkd.
	T 10 S R 12 W
	<u>S 35   S 36</u>
	1937
	No suitable accessory.
	A bench mark of the U.S. Geological Survey bears S.67° 50'W., 76 lks. dist., a redwood post, 4 ins. square, 30 ins. above ground, mkd. 588 on the N. face.
	Land, nearly level, NE. drainage. Soil, sandy loam; 2nd and 3rd rate. Timber, none; undergrowth, greasewood and sage.
	N.89°46'W., on a true line, along the S. bdy. of sec. 35.
	Over nearly level desert land, thru scattered undergrowth.
40.14	The $\frac{1}{4}$ sec. cor. of secs. 2 and 35, a mesquite post, 3 ins. square, 24 ins. above ground, firmly set, mkd. $\frac{1}{4}$ on the N. face. The pits and mound of earth have disappeared.
	As this cor. now refers to sec. 35 only, T.10 S., at

Resurvey of a portion of the S. bdy. of T.10 S., R.12 W.

4218

Chains

point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the mesquite post alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

 $\frac{1}{4}$  S 35

1937

No suitable accessory.

A bench mark of the U.S. Geological Survey bears S.87° 40' W., 8.46 chs. dist., a concrete post, 6x10 ins., 10 ins. above ground, firmly set, mkd. 363.

Thence,

N.89°40' W., on a true line, along the S. bdy. of sec. 35.

9.20 Unimproved desert road, bears N. and S.

40.11 The cor. of secs. 2, 3, 34 and 35, a redwood post, 4 ins. square, 30 ins. above ground, firmly set, mkd. T 10 S S 35 on NE., R 12 W S 2 on SE., T 11 S S 3 on SW., and S 34 on the NW. face, with 2 notches on the NE. and 4 notches on the NW. The pits and mound of earth have disappeared.

As this cor. now becomes the cor. of secs. 34 and 35 only, T.10 S., at point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the redwood post alongside, for cor. of secs. 34 and 35 only, with brass cap mkd.

T. 10 S R 12 W

S 34 | S 35

1937

No suitable accessory.

Land, nearly level, NE. drainage.

Soil, sandy loam; 2nd and 3rd rate.

Timber, none; undergrowth, greasewood and sage.

N.89°40' W., on a true line, along the S. bdy. of sec. 34.

Over nearly level desert land, thru scattered timber and undergrowth.

40.14 The  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, a mesquite post, 3 ins. square, 24 ins. above ground, firmly set, mkd.  $\frac{1}{4}$  on the N. face. The pits and mound of earth have disappeared.

As this cor. now refers to sec. 34 only, T.10 S., at point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the mesquite post alongside, for  $\frac{1}{4}$  sec. cor. of sec. 34 only, with brass cap mkd.

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

1937

No suitable accessory.

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## Resurvey of a portion of the S. bdy. of T.10 S., R.12 W.

Chains	
	Thence,
	N.89°52'W., on a true line, along the S. bdy. of sec. 34.
	Over nearly level desert land, thru scattered timber and undergrowth.
30.00	Drain, 40 lks. wide, course NE.
40.12	The cor. of secs. 3,4,33 and 34, A redwood post, 4 ins. square, 3 ft. above ground, firmly set, mkd. T 10 S S 34 on NE., R 12 W S 3 on SE., T 11 S S 4 on SW., and S 33 on the NW. face, with 3 notches on the NE. and NW. faces. The pits, mound of earth and bearing tree have disappeared.
	As this cor. now becomes the cor. of secs. 33 and 34 only, T.10 S., at point for cor.,
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the redwood post alongside, for cor. of secs. 33 and 34 only, with brass cap mkd.
	T 10 S R 12 W
	<u>S 33</u>   <u>S 34</u>
	1937
	from which
	An ironwood, 5 ins. diam., bears N.36 $\frac{1}{2}$ °E., 71 lks. dist., mkd. T 10 S R 12 W S 34 B T.
	An ironwood, 8 ins. diam., bears N.33 $\frac{1}{2}$ °W., 167 lks. dist., mkd. T 10 S R 12 W S 33 B T.
	Land, nearly level, NE. drainage.
	Soil, sandy loam; 2nd rate.
	Timber, scattered paloverde and ironwood; undergrowth, greasewood and sage.
	Survey of a portion of the S. bdy. of T.10 S., R.12 W.
	West, on a random line, along the S. bdy. of sec. 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.91	A point South, 79.98 chs. dist. from the cor. of secs. 28,29,32 and 33, hereinafter described.
	I return to the cor. of secs. 33 and 34 only.
	Thence,
	West, on a true line, along the S. bdy. of sec. 33.
	Over nearly level land, thru fairly dense timber and undergrowth.
29.40	Wash, 1 ch. wide, course NE.; continue over a series of small washes, courses NE.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 33 only, T.10 S., with brass cap mkd.
	<u><math>\frac{1}{4}</math> S 33</u>
	1937

Survey of a portion of the S. bdy. of T.10 S., R. 12 W.

4213

Chains

raise a mound

of stone,  $2\frac{1}{2}$  ft. base,  $1\frac{3}{4}$  ft. high N. of cor.

45.00 Wash, 50 lks. wide, course NE. Over series of small washes.

50.00 Wash, 90 lks. wide, course NE.

60.00 Leave fairly dense timber.

65.00 Leave nearly level land; enter rolling hills; asc. 71 ft. over E. slope of small knoll.

69.05 Top of knoll; desc. 46 ft. over NW. slope.

74.00 Bottom of hill; enter S. end of small valley, bears NE.

77.20 Wash, 70 lks. wide, course NE.

79.91 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, for cor. of secs. 32 and 33 only, T.10 S., with brass cap mkd.

T 10 S R 12 W

S 32 | S 33

1937

from which

An ironwood, 7 ins. diam., bears N.  $22\frac{1}{2}^{\circ}$  E., 43 lks. dist., mkd. T 10 S R 12 W S 33 B T.

A paloverde, 6 ins. diam., bears N.  $28\frac{1}{2}^{\circ}$  W., 29 lks. dist., mkd. T 10 S R 12 W S 32 B T.

Land, nearly level desert and rolling hills.  
Soil, sandy loam, gravelly and rocky; 2nd, 3rd and 4th rate.  
Timber, fairly dense ironwood and paloverde; undergrowth greasewood and sage.

West, on a true line, along the S. bdy. of sec. 32.

Over mountainous land, thru scattered undergrowth.

0.10 Wash, 30 lks. wide, course NE.

13.00 Wash, 15 lks. wide, course NE.

17.00 Base of hill; asc. 467 ft. over NE. slope of spur, slopes NE.

32.58 Top of spur; slopes NE., over series of spurs and ravines, sloping NE.; asc. 32 ft.

40.00 Small cliff, 10 ft. high, 30 ft. wide.

Set an iron post, 3 ft. long, 1 in. diam., on bedrock and in a mound of stone, 4 ft. base to top, for  $\frac{1}{4}$  sec. cor. of sec. 32 only, T.10 S., with brass cap mkd.

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

1937

No suitable accessory.

## Survey of a portion of the S. bdy. of T.10 S., R. 12 W.,

Chains	
	Asc. 96 ft. over NE. slope.
43.40	Main ridge, bears N.
44.60	Spur, slopes SW.; desc. 489 ft. over SW. slope.
50.00	Gulch, 80 lks. wide, course NW;; thence along NW. slope of gulch.
63.30	Bottom of hill, along SW. slope of rocky spur.
66.30	Wash, 25 lks. wide, course SW.; asc. 29 ft.
76.20	Small spur, slopes W.; desc. 25 ft. along SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 31 and 32 only, T.10 S., with brass cap mkd.
	T 10 S R 12 W S 31 S 32 1937 raise a mound of stone, $3\frac{3}{4}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor. Land, mountainous. Soil, rocky; 4th rate. Timber, none; undergrowth, sage.
	West, on a true line, along the S. bdy. of sec. 31. Over rolling land, thru scattered timber and undergrowth.
4.00	Wash, 40 lks. wide, course SW., over a series of small washes draining SW.
19.00	Wash, 4 lks. wide, course SW.
23.00	Wash, 7 lks. wide, course SW.
37.80	Wash, 6 lks. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, and in a mound of stone, $1\frac{1}{2}$ ft. base to top, for $\frac{1}{4}$ sec. cor. of sec. 31 only, T.10 S., with brass cap mkd.
	$\frac{1}{4}$ S 31 1937 raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
46.90	Wash, 50 lks. wide, course SE., continue over series of small washes.
78.84	A point South of the cor. of secs. 19 and 30, T.10 S., R.12 W., hereinafter described. Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, for cor. of Tp. 10 S., Rs. 12 and 13 W., with brass cap mkd.



Survey of a portion of the S. bdy. of T.10 S., R.12 W.

4218

Chains

T 10 S

R 13 W	R 12 W
S 36	S 31

1937

from which

A paloverde, 6 ins. diam., bears N.25½°E., 327 lks. dist., mkd. T 10 S R 12 W S 31 B.T.

An ironwood, 5 ins. diam., bears N.52°W., 187 lks. dist., mkd. T 10 S R 13 W S 36 B T.

Raise a mound of stone, 3½ ft. base, 2½ ft. high, N. of cor.

Land, nearly level to mountainous. Soil, rocky; 3rd and 4th rate. Timber, scattered ironwood and paloverde; undergrowth, greasewood and sage.

Survey of a portion of the W. bdy. of T.10 S., R.12 W.

From the cor. of T.10 S., Rs. 12 and 13 W.,

North, bet. secs. 31 and 36.

Over nearly level land, thru scattered timber and undergrowth.

- 9.60 Wash, 10 lks. wide, course NW.
- 23.00 Wash, 4 lks. wide, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, and in a mound of stone, 2 ft. base to top, for ¼ sec. cor., with brass cap mkd.

¼

S 36	S 31
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1937

raise a mound

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

- 42.00 Leave nearly level land, enter mountainous land; asc. 64 ft. over SE. slope of small spur, sloping W.
- 44.90 Top of spur; desc. 74 ft. over NW. slope.
- 46.00 Enter small valley, bears NW., over numerous small drains, courses NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, for cor. of secs. 25, 30, 31 and 36, with brass cap mkd.

T 10 S

R 13 W	R 12 W
S 25	S 30
S 36	S 31

1937

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Survey of a portion of the W. bdy. of T.10 S., R.12 W.

Chains

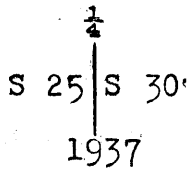
No suitable accessory.

Land, nearly level and mountainous.  
Soil, sandy loam, gravelly and rocky; 2nd, 3rd and 4th rate.  
Timber, scattered paloverde and ironwood; undergrowth greasewood and sage.

North, bet. secs. 25 and 30.

Over mountainous land, thru scattered timber and undergrowth, continue thru small valley.

- 2.00 Wash, 30 lks. wide, course NW.
- 3.00 Leave valley; asc. 239 ft. over SW. slope of spur.
- 10.90 Top of spur, slopes SW.; desc. 18 ft. along NW. slope of spur.
- 13.05 Bottom of canyon; asc. over cliffs on SW. slope.
- 15.60 Top of spur, slopes SW; desc. 60 ft. over NW. slope to canyon, which bears SW.; thence asc. 180 ft. over SW. slope.
- 19.30 Spur, slopes SW.; desc. over SW. slope of cliffs 154 ft.
- 22.15 Canyon, bears NW.; asc. 28 ft. over SW. slope.
- 24.70 Spur, slopes NW.; desc. 105 ft. over a series of small gulches and spurs.
- 29.20 Spur, slopes NW.; desc. 134 ft. over NW. slope.
- 33.80 Canyon, bears NW.; asc. 19 ft. over S. slope.
- 37.00 Wash, 25 lks. wide, course NW.
- 37.90 Spur, slopes NW.; desc. 54 ft. over N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to bedrock, and in a mound of stone, 1 3/4 ft. base to top, for 1/4 sec. cor., with brass cap mkd.

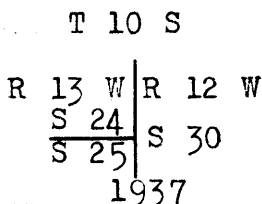


raise a mound

of stone, 3 ft. base, 1 3/4 ft. high, W. of cor.

- 45.00 Leave mountainous land, enter nearly level desert land.
- 80.00 At this point which is 80 chs. in latitude from the SE. cor. of sec. 25, T.10 S.; R.13 W.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, for cor. of secs. 24 and 25 only, R.13 W., with brass cap mkd.



Survey of a portion of the W. bdy. of T.10 S., R.12 W.

213

Chains

from which

An ironwood, 5 ins. diam., bears S.  $32\frac{3}{4}^{\circ}$ W., 246 lks. dist., mkd. T 10 S R 13 W S 25 B T.

An ironwood, 6 ins. diam., bears N.  $48^{\circ}$ W., 349 lks. dist., mkd. T 10 S R 13 W S 24 B T.

80.55 The original cor. of secs. 19, 24, 25 and 30, a redwood post 4 ins. square, 3 ft. above ground and in a mound of earth, with scribe marks visible but not legible.

As this cor. now becomes the cor. of secs. 19 and 30 only, R.12 W., at point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base and with the original redwood stake alongside, for cor. of secs. 19 and 30 only, with brass cap mkd.

T 10 S

R 13 W	R 12 W
S 24	S 19
	S 30

1937

from which

An ironwood, 6 ins. diam., bears N.  $54\frac{3}{4}^{\circ}$ E., 419 lks. dist., mkd. T 10 S R 12 W S 19 B T.

A paloverde, 6 ins. diam., bears S.  $18\frac{3}{4}^{\circ}$ E., 287 lks. dist., mkd. T 10 S R 12 W S 30 B T.

Land, mountainous and nearly level.  
Soil, sandy loam and rocky; 2nd 3rd and 4th rate.  
Timber, scattered paloverde; undergrowth, greasewood and sage.

Resurvey of a portion of the W. bdy. of T.10 S., R.12 W.

From the closing cor. of T.10 S., Rs. 12 and 13 W.,

South, on a random line, along the W. bdy. of T.10 S. R.12 W.

- 40.08 A point 5 lks. E. of the  $\frac{1}{4}$  sec. cor..
- 80.19 A point 5 lks. E. of the cor. of secs. 1, 6, 7 and 12.
- 120.28 A point 19 lks. E. of the  $\frac{1}{4}$  sec. cor.
- 160.36 A point 3 lks. E. of the cor. of secs. 7, 12, 13 and 18.
- 200.47 A point 9 lks. E. of the  $\frac{1}{4}$  sec. cor.
- 240.55 A point 39 lks. E. of the cor. of secs. 13, 18, 19 and 24.
- 280.55 Find no evidence of the position of the  $\frac{1}{4}$  sec. cor.
- 320.62 A point 33 lks. <sup>E</sup> of the cor. of secs. 19 and 30 only, R. 12 W., hereinbefore described.

Thence,

From the cor. of secs. 19 and 30 only, R.12 W.,

N.  $0^{\circ}03'$ W., on a true line, along the W. bdy. of sec. 19.

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## Resurvey of a portion of the W. bdy. of T.10 S., R.12 W.

## Chains

- Over nearly level desert land, thru fairly dense timber and undergrowth.
- 39.45 At this point which is 40 chs. in latitude from the SE. cor. of sec. 24 only, R.13 W.,
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. for sec 24 only, with brass cap mkd.
- $\frac{1}{4}$  S 24  
1937
- from which
- A paloverde, 8 ins. diam., bears S.14 $\frac{3}{4}$ °W., 373 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.
- A paloverde, ins. diam., bears N.44°W., 464 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.
- 40.03 Proportional distance. From this point for cor., the original redwood post, 3 ins. square, 3 ft. long, mkd.  $\frac{1}{4}$ S on one face, and lying loosely on the ground, bears North, 3 lks. dist.,
- As this cor. now refers to sec. 19 only, R.12 W., at point for cor.,
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original redwood post alongside, for  $\frac{1}{4}$  sec. cor. of sec. 19 only, with brass cap mkd.
- $\frac{1}{4}$  S 19  
1937
- from which
- A paloverde, 6 ins. diam., bears N.0 $\frac{1}{2}$ °E., 333 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.
- A paloverde, 8 ins. diam., bears S.1°E., 519 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.
- 79.45 At this point, which is 80 chs. in latitude from the SE. cor. of sec. 24 only, R.13 W.,
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13 and 24 only, R.13 W., with brass cap mkd.
- T 10 S  
R 13 W | R 12 W  
S 13 | S 19  
S 24 |  
1937
- from which
- A paloverde, 12 ins. diam., bears S.71 $\frac{1}{2}$ °W., 600 lks. dist., mkd. T 10 S R 13 W S 24 B T.
- A paloverde, 12 ins. diam., bears N.73 $\frac{1}{4}$ °W., 390 lks. dist., mkd. T 10 S R 13 W S 13 B T.
- 80.07 The original cor. of secs. 13, 18, 19 and 24, a redwood post, 4x4 ins., 3 ft. above ground, firmly set, with scribe marks visible but not legible. The old pits have disappeared.

Resurvey of a portion of the W. bdy. of T.10 S., R.12 W.

4213

Chains

As this cor. now becomes the cor. of secs. 18 and 19 only, R.12 W., at point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the original redwood post alongside, for cor. of secs 18 and 19 only, with brass cap mkd.

T 10 S

R 13 W	R 12 W
S 13	S 18
	S 19

1937

No suitable accessory.

Land, nearly level, NE. drainage.

Soil, sandy loam; 2nd rate.

Timber, fairly dense ironwood, paloverde and mesquite; undergrowth, greasewood and sage.

N.0°26'E., on a true line, along the W. bdy. of sec. 18.

Over nearly level land, thru scattered timber and undergrowth.

15.00 Enter fairly dense timber and undergrowth, over series of washes, courses NE.

31.70 Wash, 50 lks. wide, course N.30°E.

39.38 At this point which is 40 chs. in latitude from the SE. cor. of sec. 13 only, R. 13 W.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, for  $\frac{1}{4}$  sec. cor. of secs 13 only, with brass cap mkd.

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

1937

No suitable accessory.

40.08 The original  $\frac{1}{4}$  sec. cor., which is a redwood post, 3 ins. square, 3 ft. above ground, firmly set in a mound of earth, with scribe marks visible but not legible. The old pits have disappeared.

As this cor. now refers to sec. 18 only, R.12 W., at point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the old original redwood post alongside, for  $\frac{1}{4}$  sec. cor. of sec. 18 only, with brass cap mkd.

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

1937

No suitable accessory.

Thence,

N.0°05'E., on a true line, along the W. bdy. of sec. 18.

26.10 Dim road, bears NE. and SW.

## Resurvey of a portion of the W. bdy. of T.10 S., R.12 W.

Chains  
39.36

At this point, which is 80 chs. in latitude from the SE. cor. of sec. 13, only, R. 13 W.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 12 and 13 only, R.13 W., with brass cap mkd.

T 10 S

R 13 W	R 12 W
S 12	S 18
S 13	

1937

from which

A paloverde, 6 ins. diam., bears S.46 $\frac{1}{4}$ °W., 348 lks. dist., mkd. T 10 S R 13 W S 13 B T.

A paloverde, 16 ins. diam., bears N.12 $\frac{1}{2}$ °W., 505 lks. dist., mkd. T 10 S R 13 W S 12 B T.

40.11

The original cor. of secs. 7, 12, 13 and 18, a redwood post, 4 ins. square, 4 ft. long, lying in a mound of earth, with scribe marks visible but not legible. The pits have disappeared. The mkd. stone deposited at the base of the cor. determines the point for cor.

As this cor. now becomes the cor. of secs. 7 and 18 only, R.12 W., at point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the original redwood post alongside, for cor. of secs. 7 and 18 only, with brass cap mkd.

T 10 S

R 13 W	R 12 W
S 12	S 7
	S 18

1937

from which

A paloverde, 6 ins. diam., bears N.81 $\frac{1}{2}$ °E., 482 lks. dist., mkd. T 10 S R 12 W S 7 B T.

An ironwood, 12 ins. diam., bears S.21 $\frac{1}{2}$ °E., 438 lks. dist., mkd. T 10 S R 12 E S 18 B T.

Land, Nearly level, NE. drainage.

Soil; sandy loam; 2nd rate.

Timber, ironwood, paloverde and mesquite; undergrowth, greasewood and sage.

N.0°14'W., on a true line along the W. bdy. of sec. 7.

Over nearly level desert land, thru fairly dense timber and undergrowth.

39.19

At this point which is 40 chs. in latitude from the SE. cor. of sec. 12 only, R.13 W.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 12 only, R.13 W., with brass cap mkd.

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

1937

Resurvey of a portion of the W. bdy. of T.10 S., R.12 W.

4213

Chains

from which

An ironwood, 6 ins. diam., bears N.25½°W., 625 lks. dist., mkd. ¼ S 12 B T.

An ironwood, 5 ins. diam., bears S.52°W., 168 lks. dist., mkd. ¼ S 12 B T.

40.08 The original ¼ sec. cor. which is a redwood post, 3x3 ins. 3 ft. above ground; firmly set with scribe marks visible but not legible. The old pits are visible.

As this cor. now refers to sec. 7 only, R.12 W., at point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base and with the original redwood post alongside, for ¼ sec. cor. of sec. 7 only, with brass cap mkd.

¼ S 7  
1937

from which

An ironwood, 12 ins. diam., bears S.16°E., 409 lks. dist., mkd. ¼ S 7 B T.

Thence,

N.0°12'E., on a true line, along the W. bdy. of sec. 7.

39.11 At this point, which is 80 chs. in latitude from the SE. cor. of sec. 12 only, R.13 W.;

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, for cor. of secs. 1 and 12 only, R.13 W., with brass cap mkd.

T 10 S  
R 13 W | R 12 W  
S 1 | S 7  
S 12 |  
1937

from which

An ironwood, 3 ins. diam., bears S.23½°W., 248 lks. dist., mkd. T 10 S R 13 W S 12 B T.

An ironwood, 8 ins. diam., bears N.46¼°W., 166 lks. dist., mkd. T 10 S R 13 W S 1 B T.

40.09 The original cor. of secs. 1,6,7 and 12, a redwood post, 4x4 ins., 3 ft. above ground, firmly set in a mound of earth, with scribe marks visible but not legible. The old pits are visible.

As this cor. now becomes the cor. of secs. 6 and 7 only, R.12 W., at point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base, and with the original redwood post alongside, for cor. of secs. 6 and 7 only, with brass cap mkd.

## Resurvey of a portion of the W. bdy. of T.10 S., R.12 W.

Chains

T 10 S

R. 13 W		R 12 W
S 1		S 6
		S 7

1937

from which

An ironwood, 6 ins. diam., bears N.10 $\frac{1}{2}$ °E., 102 lks. dist., mkd. T 10 S R 12 W S 6 B T.

An ironwood, 8 ins. diam., bears S.14 $\frac{3}{4}$ °E., 377 lks. dist. mkd. T 10 S R 12 W S 7 B T.

Land, nearly level, NE. drainage.

Soil, sandy loam; 2nd rate.

Timber, fairly dense ironwood, paloverde and mesquite; undergrowth, greasewood and sage.

North, on a true line, along the W. bdy. of sec. 6.

Over nearly level land, thru fairly dense timber and undergrowth.

10.00 Unimproved desert road, from E., bears W. for 1 ch., thence SW.

39.02 At this point which is 40 chs. in latitude from the SE. cor. of sec. 1 only, R.13 W.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. for sec. 1 only, with brass cap mkd.

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

1937

from which

An ironwood, 10 ins. diam., bears S.46°W., 255 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

An ironwood, 4 ins. diam., bears N.28°W., 408 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

40.11 The original  $\frac{1}{4}$  sec. cor., which is a redwood post, 3 ins. square, 3 ft. above ground, in a mound of earth, with scribe marks visible but not legible. The pits are visible.

As this cor. now refers to sec. 6 only, R.12 W., at point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a quantity of broken glass deposited at the base and with the original redwood post alongside, for  $\frac{1}{4}$  sec. cor. for sec. 6 only, with brass cap mkd.

$\frac{1}{4}$ S 6
-------------------

1937

from which

A paloverde, 12 ins. diam., bears N.36 $\frac{1}{2}$ °E., 186 lks. dist., mkd.  $\frac{1}{4}$  S 6 B T.

An ironwood, 6 ins. diam., bears S.13 $\frac{3}{4}$ °E., 217 lks. dist., mkd.  $\frac{1}{4}$  S 6 B T.

Thence



## Resurvey of a Portion of the W. Bdy. of T.10 S., R.12 W.

4213

- Chains N.0°04'E., on true line, along the W. bdy. of sec. 6.
- 4.00 Dim road, bears NE. and SW.
- 40.08 The original closing cor. of Ts. 10 S., Rs. 12 and 13 W., a redwood post, 4 ins. square, projecting 3 ft. above ground, with weathered illegible scribe marks. The old pits have disappeared.
- 40.18 Intersect the 2nd Stan. Par., S. At intersection
- Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with a deposit of broken glass at base, and with the original redwood post set alongside, for closing cor. of Ts. 10 S., Rs. 12 and 13 W., with brass cap mkd.

T9S R12W  
S 31

---

S 1 | S 6  
R13W | R12W  
T10S  
CC  
1937

No suitable accessory.

From point of intersection, the stan.  $\frac{1}{4}$  sec. cor. of sec. 31 of T.9 S., R.12 W.; bears N.89°52'E., 17.76 chs. dist., an iron post, 1 in. diam., projecting 8 ins. above ground, firmly set and mkd. on brass cap and witnessed as described in the official record.

Land, nearly level, NE. drainage.  
Soil, sandy loam, 2nd rate.  
Timber, ironwood, palo verde and mesquite; undergrowth, greasewood and sage.

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

The original survey of T.10 S., R.12 W., by L. Wolfley in 1893 did not include the lines common to secs. 29 to 33, inclusive.

The following notes describe the resurvey of the subdivisional boundaries of those 5 secs. and, thereafter, the survey of the completion of the township.

From the cor. of secs. 33 and 34, only, on the S. bdy. of the township, hereinbefore described,

N.0°08'E., bet. secs. 33 and 34.

Over nearly level land; through scattering desert growth.

- 40.11 The original  $\frac{1}{4}$  sec. cor., a flattened mesquite post, 3 ins. diam., projecting 3 ft. above a mound of earth, firmly set, with weathered illegible scribe marks. The witness pits of record have disappeared.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

Chains

ground, with a deposit of broken glass at base, and with the original mesquite post set alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 33 \text{ | S } 34 \\ \hline 1937 \end{array}$$

No suitable accessory.

Thence,

N.0°09'E., with renewed measurement, bet. secs. 33 and 34.

39.93 The original cor. of secs. 27, 28, 33 and 34, a redwood post, 4 ins. square, projecting 3 ft. above ground, firmly set, with illegible scribe marks. The witness pits of record have disappeared. The original bearing tree is standing.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a deposit of broken glass at base, and with the original redwood post reset alongside, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.

$$\begin{array}{c} \text{T10S R12W} \\ \text{S } 28 \text{ | S } 27 \\ \hline \text{S } 33 \text{ | S } 34 \\ \hline 1937 \end{array}$$

from which

The original bearing tree:

A palo verde, 12 ins. diam., bears S.74 $\frac{1}{2}$ °W., 38 lks. dist., mkd. T10S R12W S33 BT.

No other suitable accessory.

Land, nearly level desert, NE. drainage.

Soil, sandy loam, 2nd rate.

Timber, very scattering ironwood and palo verde; undergrowth, greasewood and sage.

S.89°44'W., bet. secs. 28 and 33.

Over nearly level desert land, crossing numerous small washes draining NE.; through scattering desert growth.

40.09 The original  $\frac{1}{4}$  sec. cor., a decayed mesquite post, 3 ins. square by 2 ft. long, lying on a mound of earth, with weathered illegible scribe marks. The witness pits of record have disappeared.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a deposit of broken glass at base, and with the original mesquite post reset alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{c} \text{S } 28 \\ \hline \frac{1}{4} \text{ S } 33 \\ \hline 1937 \end{array}$$

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

213

## Chains

No suitable accessory.

Thence,

N.89°52'W., with renewed measurement, bet. secs. 28 and 33.

8.60 Dim road, bears NW. and SE.

40.09 The original cor. of secs. 28, 29, 32 and 33, a redwood post, 4 ins. square, projecting 3 ft. above ground, firmly set in a small mound of stone, with weathered illegible scribe marks.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original redwood post reset alongside, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

T10S	R12W
S 29	S 28
S 32	S 33
1937	

raise a mound  
of stone, 2½ ft. base, 1½ ft. high, W. of cor.

Land, nearly level, NE. drainage.

Soil, sandy loam, 2nd rate.

Timber, a few ironwood and palo verde; undergrowth, sage and greasewood.

North, bet. secs. 28 and 29.

20.00 Over flat; through scattering desert growth.  
Wash, 20 lks. wide, 3 ft. deep, course E.

40.06 The original ¼ sec. cor., a weathered mesquite post, 3 ins. diam., 4 ins. above ground, with no scribe marks remaining. The pits of record cannot be identified.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the remains of the old mesquite post alongside, for ¼ sec. cor., with brass cap mkd.

S 29	S 28
1937	

from which

An ironwood, 5 ins. diam., bears S.9½°E., 70 lks. dist., mkd. ¼ S28 BT.

An ironwood, 5 ins. diam., bears S.68¼°W., 192 lks. dist., mkd. ¼ S29 BT.

Thence,

N.0°07'E., with renewed measurement, bet. secs. 28 and 29.

40.10 The original cor. of secs. 20, 21, 28 and 29, a redwood post, 4 ins. square, projecting 3 ft. above a mound of earth, mkd. T10S S21 on NE., R12W S28 on SE., S29 on SW. and S20 on NW. faces, with 2 notches on S. and 4 notches on E.

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

Chains

edges. There is no evidence of the pits of record.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with a deposit of broken glass at base, and with the original redwood post reset alongside, for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

T10S, R12W	
S 20	S 21
S 29	S 28
1937	

No suitable accessory.

Land, nearly level.

Soil, sandy loam, 2nd rate.

Timber, ironwood, mesquite and palo verde; undergrowth, greasewood and sage.

N.89°52'W., bet. secs. 20 and 29.

Over flat; through scattering desert growth.

40.09 The original  $\frac{1}{4}$  sec. cor., a redwood post, 2 by 4 ins., projecting 2 $\frac{1}{2}$  ft. above a mound of earth, mkd.  $\frac{1}{4}$ S on N. face. The original witness pits have disappeared.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original redwood post reset alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 20
S 29
1937

from which

An ironwood, 10 ins. diam., bears S.73 $\frac{3}{4}$ °W., 185 lks. dist., mkd.  $\frac{1}{4}$  S29 BT.

An ironwood, 6 ins. diam., bears N.63°W., 213 lks. dist., mkd.  $\frac{1}{4}$  S20 BT.

Thence,

N.89°48'W., with renewed measurement, bet. secs. 20 and 29.

38.90 Wash, 20 lks. wide, course N.

40.18 The original cor. of secs. 19, 20, 29 and 30, a redwood post, 4 ins. square by 3 ft. above a dim mound of earth, firmly set, mkd. T10S on NE., R12W S29 on SE., S30 on SW. and S19 on NW. faces, with 2 notches on S. and 5 notches on E. faces. The original witness pits have disappeared; the original bearing tree is standing.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

Chains

ground, with the original redwood post reset alongside,  
for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.

T10S	R12W
S 19	S 20
S 30	S 29
1937	

from which

Old bearing tree:

An ironwood, 12 ins. diam., bears S.85°W., 34 lks.  
dist., mkd. T10S R12W S30 BT.

And new bearing trees:

An ironwood, 10 ins. diam., bears N.30½°E., 212 lks.  
dist., mkd. T10S R12W S20 BT.

An ironwood, 8 ins. diam., bears S.74¼°E., 174 lks.  
dist., mkd. T10S R12W S29 BT.

An ironwood, 6 ins. diam., bears N.43½°W., 202 lks.  
dist., mkd. T10S R12W S19 BT.

Land, nearly level.

Soil, rocky, 3rd rate.

Timber, mesquite, ironwood and palo verde; undergrowth,  
greasewood.

N.89°55'W., bet. secs. 19 and 30.

Over a series of low flat-topped spurs and of ravines,  
courses N.20°E.; through scattering desert growth.

17.50 Wash, 20 lks. wide, course N.20°E.

39.86 The original ¼ sec. cor., a redwood post, 2 by 4 ins.,  
projecting 2½ ft. above a small mound of earth, mkd. ¼S on  
N. face. The witness pits of record cannot be identified.

At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the  
ground, with the original redwood post reset alongside,  
for ¼ sec. cor., with brass cap mkd.

¼	S 19
¼	S 30
1937	

from which

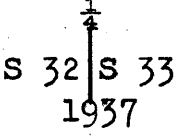
A palo verde, 6 ins. diam., bears N.62¾°E., 90 lks.  
dist., mkd. ¼ S19 BT.

An ironwood, 6 ins. diam., bears S.46½°E., 122 lks.  
dist., mkd. ¼ S30 BT.

Thence,

N.89°47'W., with renewed measurement, bet. secs. 19 and 30.

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

Chains 38.51	<p>The cor. of secs. 19 and 30, only, on the W. bdy. of the township, hereinbefore described.</p> <p>Land, broken flats. Soil, rocky, 3rd rate. Timber, mesquite, ironwood and palo verde; undergrowth, greasewood.</p>
(SURVEY)	
	<p>From the cor. of secs. 28, 29, 32 and 33, hereinbefore described,</p> <p>South, on random line, bet. secs. 32 and 33.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	<p>The cor. of secs. 32 and 33, only, on the S. bdy. of the township, hereinbefore described,</p> <p>Thence,</p> <p>North, on true line, bet. secs. 32 and 33.</p> <p>Over nearly level land; through scattering desert growth.</p>
25.00	Wash, 40 lks. wide, shallow, course NE.
30.00	Wash, 60 lks. wide, shallow, course NE.
33.70	Wash, 10 lks. wide, shallow, course SE.
37.80	Wash, 8 lks. wide, shallow, course NE.; asc. 30 ft., to
39.99	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$  S 32   S 33 1937
	No suitable accessory.
	Asc. 105 ft. over SE. slope.
43.50	Spur, slopes NE.; desc. 160 ft. over NE. slope.
53.50	Ravine, course NE.; asc. 45 ft. over SE. slope.
58.30	Spur, slopes NE.; desc. 80 ft. over NE. slope.
62.50	Foot of slope; over flat, bears E. and W.
79.98	<p>The cor. of secs. 28, 29, 32 and 33.</p> <p>Land, level and heavily rolling. Soil, sandy loam, 2nd rate and rocky, 3rd and 4th rates. Timber, a few ironwood and palo verde; undergrowth, sage and greasewood.</p>

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

Chains	
	From the cor. of secs. 28, 29, 32 and 33, N. 89° 50' W., on line random for distance only, bet. secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.31	A point S. 0° 03' W., 80.24 chs. dist. from the cor. of secs. 19, 20, 29 and 30. Thence, Returning to the cor. of secs. 28, 29, 32 and 33, hereinbe- fore described, N. 89° 50' W., on true line, bet. secs. 29 and 32. Over flat; through scattering desert growth.
11.40	Wash, 20 lks. wide, course N. 80° E.
20.00	Leave flat; begin ascent of 130 ft. over SE. slope.
26.70	Spur, slopes NE.; desc. 90 ft. over gradual NW. slope broken by many small ravines, course NE.
40.15	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.  $\begin{array}{r} \frac{1}{4} \text{ S } 29 \\ \hline \text{S } 32 \\ 1937 \end{array}$ of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor. raise a mound
44.90	Wash, 10 lks. wide, course NE.
50.00	Leave gently rolling land; begin ascent of 295 ft. over E. slope.
60.70	Spur, slopes N. for about 4 chs., thence NE.; desc. 185 ft. over steep W. slope.
66.00	Wash, 40 lks. wide, course N. for about 5 chs., thence NE.; asc. 85 ft. over E. slope.
70.80	Spur, slopes N. about 2 chs. to toe; desc. 40 ft. over NW. slope.
71.70	Wash, 10 lks. wide, course N. for about 3 chs., thence NE.; asc. 195 ft. over broken E. slope.
80.31	Set an iron post, 3 ft. long, 2 ins. diam., on exposed bed- rock, supported in a mound of stone, 5 ft. base, to top, for cor. of secs. 29, 30, 31 and 32, with brass cap mkd.  $\begin{array}{r l} \text{T10S} & \text{R12W} \\ \hline \text{S } 30 & \text{S } 29 \\ \hline \text{S } 31 & \text{S } 32 \\ 1937 & \end{array}$ No suitable accessory.

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

Chains	
	Land, flat and broken and mountainous. Soil, rocky, 4th rate. Timber, mesquite, ironwood and palo verde; undergrowth, greasewood, ocotillo, cholla and cactus.
	N.0°03'E., on true line, bet. secs. 29 and 30. Asc. 50 ft. over SE. slope; through scattering desert growth.
3.40	Rocky spur, slopes E.; desc. 210 ft. over broken NE. slope.
11.70	Ravine, 10 lks. wide, course E.; heads in saddle about 7 chs. W.; asc. 115 ft. over SE. slope.
14.00	Spur, slopes NE.; desc. 285 ft. over broken N. slope.
30.20	Wash, 20 lks. wide, course N.25°E.; base of mountain, bears NE. and W.; over flat.
40.12	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 30 S 29 1937 raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
49.70	Wash, 30 lks. wide, course N.30°E.
61.40	Drain, 8 lks. wide, course N.20°E.
80.24	The cor. of secs. 19, 20, 29 and 30, hereinbefore described. Land, 1st 30 chs. mountainous; last 50 chs., flat broken by many small ravines. Soil, rocky, 4th rate. Timber, mesquite, palo verde and ironwood; undergrowth, greasewood, ocotillo, cholla and cactus.
	From the cor. of secs. 31 and 32, only, on the S. bdy. of the township, North, on random line, bet. secs. 31 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.34	A point 47 lks. E. of the cor. of secs. 29, 30, 31 and 32. Thence, S.0°20'E., on true line, bet. secs. 31 and 32. Asc. 265 ft. over NE. slope; through scattering desert growth.
10.90	Spur, slopes NE.; desc. 50 ft. over SE. slope.
16.00	Ravine, 1 ch. wide, course NE.; asc. 160 ft. over NE. slope.
19.60	Ridge, bears NE. and SW.; desc. 15 ft. over SE. slope.



RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

4218

- Chains
- 21.60 A flat topped spur, slopes NE.; asc. 145 ft. over NE. slope.
- 26.20 Spur, slopes NE.; desc. 15 ft.
- 35.00 Change to NE. slope; asc. 120 ft.
- 38.60 Spur, slopes NE.; over broken NE. slope.
- 40.17 Set an iron post, 3 ft. long, 1 in. diam., on exposed bed-rock, supported in a mound of stone, 5 ft. base to top of post, for 1/4 sec. cor., with brass cap, mkd.

1/4  
S 31 | S 32

1937

No suitable accessory.

- 40.60 Draw, course NE.
- 45.30 Ridge, bears NE. and SW.; desc. 435 ft. over SE. slope.
- 69.90 Ravine, course SW.; asc. 80 ft. over W. slope.
- 74.80 Spur, slopes SW.; desc. 185 ft. over S. slope.
- 80.34 The cor. of secs. 31 and 32, only, on the S. bdy. of the township, hereinbefore described.

Land, mountainous.  
Soil, rocky, 4th. rate.  
Timber, palo verde; Undergrowth, greasewood and cactus.

From the cor. of secs. 29, 30, 31 and 32,  
West, on random line, bet. secs. 30 and 31.

- 40.00 Set temp. 1/4 sec. cor.
- 78.37 A point 39 lks. N. of the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of township, hereinbefore described.  
  
Thence,  
N. 89° 43' E., on a true line bet. secs. 30 and 31.  
  
Asc. 740 ft. over SW. slope, through scattering desert growth.
- 11.80 Ravine, course NW.
- 20.70 Same ravine, course SW., curving to NW.
- 35.40 Top of Mohawk Range, bears N. and S.; desc. 580 ft. over broken NE. slope.
- 38.37 Set an iron post, 3 ft. long, 1 in. diam., in a crevice, 20 ins. to bedrock, and in a mound of stone to top, for 1/4 sec. cor., with brass cap mkd.

1/4  
S 30  
-----  
S 31

1937

No suitable accessory.

BOOK 4213

RESURVEY AND SURVEY OF PART (COMPLETION) OF  
SUBDIVISIONS OF T.10 S., R.12 W.

Chains

- 42.45 Spur, slopes N.; continue descent.
- 51.80 Ravine, 20 lks. wide, course N.
- 52.80 Spur, slopes N.
- 60.30 Ravine, course NE.; asc. 350 ft.
- 70.10 Spur, slopes NE.; desc. 415 ft.
- 78.37 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.  
Soil, rocky, 4th. rate.  
No timber; undergrowth, greasewood.

For final test of the solar attachments, see the field notes of township 10 south, range 15 west, surveyed under this group.

General Description

The land in the part of T.10 S., R.12 W., surveyed under this assignment is mostly mountainous, the elevation ranging from about 500 ft. to 1900 ft. above sea level. There is a scattering growth of ironwood, mesquite and palo verde, which is suitable for fire wood or fence posts. The undergrowth is greasewood, sage, cactus and other desert growths. Grass is very scarce and range stock not in evidence. There is no permanent water; no settler or resident. No indication of mineral was observed.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
I. B. Williams	Principal Assistant
Edmond R. Brenizer	"
H. R. Ruddell	"
John Crofford, Jr.	Chainman
Edmond R. Brenizer	"
Robert O. Jones	"
Fred D. Harris	"
Robert G. Burns	Moundman
Bob R. Alexander	"
James C. Bass	"
Elbert T. Mosley	"
Walter Fields	"
Gilbert M. Allred	Flagman
Robert O. Jones	"
James C. Bass	"
Melwood S. Mitchum	"
Robert G. Burns	Axeman
John Crofford, Jr.	"
Paul R. Ernst	"
Valdoran Burrow	"
Edmond R. Brenizer	"
Robert O. Jones	"
James C. Bass	"
Kenneth Poor	"
Fred D. Harris	"
H. R. Ruddell	"
Walter Fields	"

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BOOK 4213

CERTIFICATE OF SURVEYOR

We, Horace M. Muscott, Public Land Surveyor, and Thornton Fitzhugh and Carroll I. Parkman, Transitmen, General Land Office,

HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 20th day of November 1936, received from the district cadastral engineer for Arizona, with assignment instructions dated February 23, 1937, we have resurveyed and surveyed the South and West boundaries, and a portion of the subdivisional lines, completing the subdivision of Township 10 South, Range 12 West,

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said resurvey and survey has 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.

Glendale, California, March 21, 1939. Horace M. Muscott  
Phoenix, Ariz., April 3, 1939. Thornton Fitzhugh  
Phoenix, Ariz., April 3, 1939. Carroll I. Parkman  
Public Land Surveyor  
Transitman  
Transitman  
Public Survey Office


CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, AUG 26 1940, 19

The foregoing field notes of the re survey of and survey of the South and West boundaries, and a portion of the subdivisional lines, completing the subdivision of Township 10 South, Range 12 West, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Horace M. Muscott, Public Land Surveyor, and Thornton Fitzhugh and Carroll I. Parkman, Transitmen, General Land Office, under special instructions dated November 20, 1936, and assignment instructions dated February 23, 1937, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

  
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.