

Original

4250

4-679
(April 1933)

Book G

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4250

FIELD NOTES

OF THE

Survey of the South Boundary of Section 36, T. 11 S., R. 5 E.,

Survey of ^{part of} the West Boundary of Fractional T. 12 S., R. 5 1/2 E.,

Resurvey and Survey of Subdivisional Lines of Fractional

Township 12 South, Range 5 1/2 East,

Of the Gila and Salt River Meridian,

Arizona

In the State of

EXECUTED BY

Ty White, Surveyor.

and

Raymond F. Moss, Public Land Surveyor

General Land Office.

Under special instructions dated January 10, 1939 which provided for the surveys included under Group No. 225, bearing the approval of the Commissioner of the General Land Office under date of February 24, 1939 and assignment instructions dated March 1, 1939

Survey commenced March 6, 1939.

Survey completed March 7, 1939.

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INDEX DIAGRAM.

Township _____, *Range* _____

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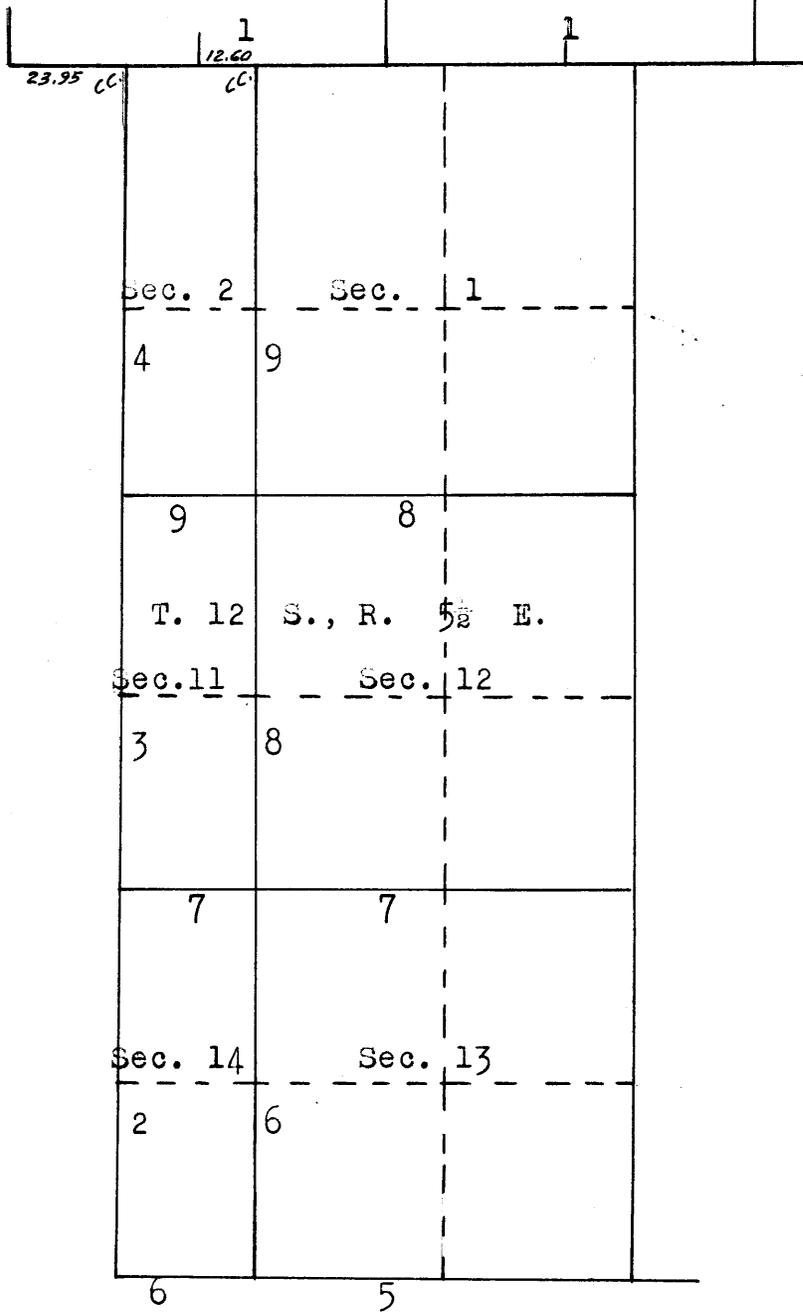
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BOOK 4250

INDEX DIAGRAM

T. 11 S., R. 5 E.
Sec. 36

T. 11 S., R. 6 E.
Sec. 31



Survey of the south boundary of sec. 36, T. 11 S., R. 5 E. BOOK 4250

Chains

The survey herein described was executed by Ty White, Surveyor and Raymond F. Moss, Public Land Surveyor, using respectively Buff transit No. 18002 and Curley transit No. 371537. For description and test of instruments and establishment of meridian, see the field notes of the subdivisional lines of T. 10 S., R. 4 W., surveyed under this group.

The azimuths of all the lines of survey herein described were determined with the solar attachments.

All measurements were made with Lufkin and Dietzgen steel tapes, 5 chs. in length, graduated every link for the first 100 lks. The tapes were tested by comparison with a Lufkin standard tape and found correct. All 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.

The cor. of Ts. 11 and 12 S., Rs. 5 and 6 E. is an iron post, 3 ins. diam., 10 ins. above ground, firmly set, with brass cap marked

T11S
R5E R6E
S36 | S31
—+—
S1 | S6
T12S
1916

As this cor. now refers to T. 11 S., Rs. 5 and 6 E. only, I change the markings on the brass cap to read

T11S
R5E | R6E
S36 | S31
T12S R5½E S1
1939
1916

Thence

West, along the south boundary of sec. 36.

Over gently rolling land, thru scattering timber and undergrowth.

- 13.50 Dim road, bears N. and S.
35.15 Wash, 15 lks. wide, 1 ft. deep, course N. 10° E.
40.00 Set an iron post, 3 ft. long, .1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S36

1939

18x18x12 ins. E. and W. of post, 3 ft. dist. dig pits

- 66.05 Base of low hill, bears S. and N. 30° E.; asc. 34 ft. over a SE. slope.

- 71.50 Spur, from low hill, slopes S.; desc. 34 ft. over a W. slope.

Survey of the south boundary of sec. 36, T. 11 S., R. 5 E.

Chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 35 and 36, with brass cap marked

$$\begin{array}{c} T11S R5E \\ S35 | S36 \end{array}$$

$$\begin{array}{c} T12S R5E \\ S1 \\ 1939 \end{array}$$

18x18x12 ins. in each sec., 3 ft. dist., from post. dig pits

Land, rolling.

Soil, sandy loam, 2nd rate, on level land, rocky and gravelly on hilly land, 3rd and 4th rates.

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

The $\frac{1}{4}$ sec. cor. of secs. 31 and 6, Ts. 11 and 12 S., R. 6 E. is an iron post, 1 in. diam., 10 ins. above ground, firmly set, with brass cap marked

$$\begin{array}{c} S31 \\ \frac{1}{4} \end{array}$$

$$\begin{array}{c} S6 \\ 1916 \end{array}$$

As this cor. now refers to sec. 31 only, I change the markings on the brass cap to read

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

$$\begin{array}{c} 1939 \\ 1916 \end{array}$$

part of
Survey of the west boundary of T. 12 S., R. 5 $\frac{1}{2}$ E.

The cor. of secs. 13, 14, 23 and 24, T. 12 S., Rs. 5 and 5 $\frac{1}{2}$ E. is an iron post, 2 ins. in diam., 10 ins. above ground, firmly set, marked and witnessed as described in the official record.

Thence

North, bet. secs. 13 and 14.

Over rolling land, thru scattering timber and undergrowth.

3.40 Wash, 6 lks. wide, 2 ft. deep, course E.

17.00 Wash, 10 lks. wide, 1 ft. deep, course E.

26.20 Wash, 10 lks. wide, 1 ft. deep, course E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ S13 | S14 \\ 1939 \end{array}$$

from which

A mesquite, 6 ins. diam., bears N. 48° E., 130 lks. dist., marked $\frac{1}{4}$ S14 BT.

Survey of ^{part of} the west boundary of T. 12 S., R. 5 $\frac{1}{2}$ E.

BOOK 4200

Chains

A mesquite, 6 ins. diam., bears N. 81 $\frac{3}{4}$ ° W., 68 lks. dist., marked $\frac{1}{4}$ S13 BT.

46.30 Wash, 7 lks. wide, 1 ft. deep, course N. 60° E.

59.00 Wash, 10 lks. wide, 1 ft. deep, course N. 45° E.

76.20 Wash, 10 lks. wide, 1 ft. deep, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked

T12S	
R5E	R5 $\frac{1}{2}$ E
S12	S11
—+—	
S13	S14
1939	

from which

An ironwood, 8 ins. diam., bears N. 19 $\frac{3}{4}$ ° W., 191 lks. dist., marked T12S R5E S12 BT.

Dig pits, 18x18x12 ins. in each sec., 3 ft. dist. from post.

Land, gently rolling.

Soil, sandy loam, 2nd and 3rd rates.

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

North, bet. secs. 11 and 12.

Over rolling land, thru scattering timber and undergrowth.

9.60 Dim road, bears N. 45° E. and S. 45° W.

39.10 Wash, 10 lks. wide, 1 ft. deep, course N. 80° E.

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

$\frac{1}{4}$	
S12	S11
—+—	
1939	

from which

A mesquite, 6 ins. diam., bears N. 55 $\frac{3}{4}$ ° E., 114 lks. dist., marked $\frac{1}{4}$ S11 BT.

An ironwood, 6 ins. diam., bears S. 23 $\frac{1}{2}$ ° W., 159 lks. dist., marked $\frac{1}{4}$ S12 BT.

67.10 Wash, 15 lks. wide, 2 ft. deep, course N. 80° E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 1, 2, 11 and 12, with brass cap marked

T12S	
R5E	R5 $\frac{1}{2}$ E
S1	S2
—+—	
S12	S11
1939	

Survey of ^{part of} the west boundary of T. 12 S., R. 5 $\frac{1}{2}$ E.

Chains	
	<p>A mesquite, 4 ins. diam., bears N. 72 $\frac{3}{4}$° W., 23$\frac{1}{4}$ lks. dist., marked BT.</p> <p>Dig pits, 18x18x12 ins. in each sec., 3 ft. dist. from post.</p> <p>Land, rolling. Soil, sandy loam, 2nd and 3rd rates. Timber, palo verde, ironwood and mesquite; undergrowth, greasewood.</p>
	<p>North, bet. secs. 1 and 2.</p> <p>Over rolling land, thru scattering timber and undergrowth.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ S1 S2 \\ 1939 \end{array}$ </div> <p style="text-align: right;">from which</p> <p>A mesquite, 6 ins. diam., bears S. 50$\frac{1}{4}$° E., 88 lks. dist., marked $\frac{1}{4}$ S2 BT.</p> <p>A mesquite, 6 ins. diam., bears S. 31° W., 203 lks. dist., marked $\frac{1}{4}$ S1 BT.</p>
63.40	<p>Wash, 10 lks. wide, 4 ft. deep, course N. 60° E.</p>
80.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for lot cor., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{c} 2 \\ S1 S2 \\ 3 \\ 1939 \end{array}$ </div> <p style="text-align: right;">dig pits</p> <p>18x18x12 ins., N. and S. of post, 3 ft. dist.</p>
88.80	<p>Intersect the S. boundary of T. 11 S., R. 5 E.</p> <p>At intersection</p> <p>Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for closing cor. of T. 12 S., R. 5$\frac{1}{2}$ E., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{c} T11S R5E \\ S36 \\ \hline S1 S2 \\ R5E R5\frac{1}{2}E \\ T12S \\ CC \\ 1939 \end{array}$ </div> <p style="text-align: right;">from which</p> <p>A mesquite, 8 ins. diam., bears S. 48$\frac{1}{4}$° E., 168 lks. dist., marked T12S R5$\frac{1}{2}$E S2 CC BT.</p> <p>A mesquite, 4 ins. diam., bears S. 26$\frac{1}{4}$° W., 327 lks. dist., marked BT.</p>

Survey of ^{part of} the west boundary of T. 12 S., R. 5 $\frac{1}{2}$ E.

Chains

From the closing cor., the $\frac{1}{4}$ sec. cor. of sec. 36, bears E. 16.05 chs. dist.; hereinbefore described.

From the same closing cor., the cor. of secs. 35 and 36, bears W., 23.95 chs. dist.; hereinbefore described.

Land, rolling.

Soil, sandy loam. 2nd and 3rd rates.

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

Resurvey of subdivisional lines of T. 12 S., R. 5 $\frac{1}{2}$ E.

The cor. of secs. 13, 18, 19 and 24, T. 12 S., Rs. 5 $\frac{1}{2}$ and 6 E., is an iron post, 2 ins. diam., 10 ins. above ground, firmly set, marked and witnessed as described in the official record. This cor. is located in a cor. of the Papago Indian Reservation fence, which bears N. and E.

Thence

S. 89° 59' W., on true line bet. secs. 13 and 24.

Over rolling land, thru scattering timber and undergrowth.

19.50 Dim road, bears N. and S.

21.10 Wash, 10 lks. wide, 1 ft. deep, course N. 20° E. from S. 80° W.

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

$$\begin{array}{r} S13 \\ \frac{1}{4} \\ \hline S24 \\ 1939 \end{array}$$

dig pits

18x18x12 ins., E. and W. of post, 3 ft. dist.

51.70 Dim road, bears N. 15° E. and S. 45° W.

66.80 Wash, 10 lks. wide, 1 ft. deep, course N. 30° E.

79.30 Wash, 15 lks. wide, 3 ft. deep, course N. 15° E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked

$$\begin{array}{r} T12S R5\frac{1}{2}E \\ S14 | S13 \\ \hline S23 | S24 \\ 1939 \end{array}$$

from which

An ironwood, 4 ins. diam., bears N. 43 $\frac{1}{2}$ ° E., 208 lks. dist., marked BT.

An ironwood, 18 ins. diam., bears S. 38 $\frac{1}{4}$ ° E., 43 lks. dist., marked T12S R5 $\frac{1}{2}$ E S24 BT.

An ironwood, 5 ins. diam., bears S. 6 $\frac{1}{2}$ ° W., 117 lks. dist., marked T12S R5 $\frac{1}{2}$ E S23 BT.

An ironwood, 4 ins. diam., bears N. 4 $\frac{1}{4}$ ° W., 134 lks. dist., marked BT.

Resurvey of subdivisional lines of T. 12 S., R. 5 $\frac{1}{2}$ E.

Chains	
28.64	<p>Land, rolling. Soil, sandy loam, 2nd rate. Timber, palo verde, ironwood and mesquite; undergrowth, greasewood.</p> <hr/> <p>S. 89° 59' W., on true line, bet. secs. 14 and 23. Over rolling land, thru scattering timber and undergrowth. The cor. of secs. 13, 14, 23 and 24, T, 12 S., Rs. 5 and 5$\frac{1}{2}$ E.; hereinbefore described.</p> <p>Land, rolling. Soil, sandy loam, 2nd rate. Timber, palo verde, ironwood and mesquite; undergrowth, greasewood.</p> <hr/> <p>Survey of subdivisional lines of T. 12 S., R. 5$\frac{1}{2}$ E.</p> <hr/> <p>From the cor. of secs. 13, 14, 23 and 24, T. 12 S., R. 5$\frac{1}{2}$ E.; hereinbefore described. N. 0° 01' W., bet. secs. 13 and 14. Over gently rolling land, thru scattering timber and undergrowth.</p>
15.30	Wash, 10 lks. wide, 1 ft. deep, course N. 80° E.
32.00	Wash, 20 lks. wide, 3 ft. deep, course E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \\ S14 S13 \\ \\ 1939 \end{array}$
	18x18x12 ins., N. and S. of the post, 3 ft. dist. dig pits
	A U. S. G. S. bench mark, bears N. 31° 59' E., 28.91 chs. dist.; a bronze tablet, 4 ins. diam., set in a cement block, 10x10 ins. 8 ins. above ground, marked
	$\begin{array}{c} G03 \\ + \\ 1935 \end{array}$
55.00	Wash, 10 lks. wide, 2 $\frac{1}{2}$ ft. deep, course E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked
	$\begin{array}{c} T12S R5\frac{1}{2}E \\ S11 S12 \\ \\ S14 S13 \\ \\ 1939 \end{array}$
	18x18x12 ins. in each sec. 3 ft. dist. from post. dig pits

Survey of subdivisonal lines of T. 12 S., R. 5 $\frac{1}{2}$ E. B.C.O.

Chains

Land, rolling.
Soil, sandy loam, 2nd. rate.
Timber, palo verde, ironwood and mesquite; undergrowth,
greasewood.

N. 89° 59' E., on a random line, bet. secs. 12 and 13.

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

80.04 A point 7 lks. N. of the cor. of secs. 7, 12, 13 and 18; *on the E. bdy. of the Tp.*
an iron post, 2 ins. diam., 8 ins. above ground, firmly
set, marked and witnessed as described in the official
record.

Thence

N. 89° 58' W., on true line, bet. secs. 12 and 13.

Over rolling land, through scattering timber and under-
growth.

33.15 Wash, 10 lks. wide, 1 ft. deep, course N. 20° E.

39.05 Dim road, bears N. 30° W. and S.

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

S12
 $\frac{1}{4}$ —————
S13
1939

from which

An iron wood, 5 ins. diam., bears N. 23° W., 397 lks.
dist., marked $\frac{1}{4}$ S12 BT.

An ironwood, 4 ins. diam., bears S. 10 $\frac{1}{4}$ ° E., 418 lks.
dist., marked BT.

50.05 Wash, 20 lks. wide, 2 ft. deep, course N. 45° E.

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

Land, rolling.
Soil, sandy loam, 2nd rate.
Timber, palo verde, ironwood and mesquite; undergrowth,
greasewood.

S. 89° 59' W., on a random line, bet. secs. 11 and 14.

28.66 A point 2 lks. S. of the cor. of secs. 11, 12, 13 and 14; *on the W. bdy. of the Tp.*
hereinbefore described.

Thence

S. 89° 59' E., on true line, bet. secs. 11 and 14.

Over rolling land, thru scattering timber and undergrowth.

16.85 Wash, 10 lks wide, 1 ft. deep, course N. 45° E.

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

Land, rolling.
Soil, sandy loam, 2nd rate.
Timber, palo verde, ironwood and mesquite; undergrowth,
greasewood.

Survey of subdivisinal lines of T. 12 S., R. 5 $\frac{1}{2}$ E.

Chains	<p>N. 0° 01' W., bet. secs. 11 and 12.</p> <p>Over rolling land, thru scattering timber and undergrowth.</p> <p>7.70 Wash, 10 lks. wide, 1 ft. deep, course N. 45° E.</p> <p>27.40 Wash, 10 lks. wide, 2 ft. deep, course E.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ \\ S11 S12 \\ \\ 1939 \end{array} \quad \checkmark$ </div> <p style="text-align: right;">from which</p> <p>A mesquite, 6 ins. diam., bears S. 69° E., 98 lks. dist., marked $\frac{1}{4}$ S12 BT.</p> <p>A mesquite, 6 ins. diam., bears S. 17° W., 93 lks. dist., marked $\frac{1}{4}$ S11 BT.</p> <p>41.80 Dim road, bears E. and W.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{c} T12S R5\frac{1}{2}E \\ S2 S1 \\ \hline S11 S12 \\ 1939 \end{array} \quad \checkmark$ </div> <p style="text-align: right;">dig pits</p> <p>18x18x12 ins. in each sec., 3 ft. dist.</p> <p>Land rolling. Soil, sandy loam, 2nd rate. Timber, palo verde, ironwood and mesquite; undergrowth, greasewood.</p> <hr/> <p>S. 89° 58' E., on a random line, bet. secs. 1 and 12.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>80.08 A point 5 lks. N. of the cor. of secs. 1, 6, 7 and 12; <i>on the E. bdy. of the Tp.</i> an iron post, 2 ins. diam., 4 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>Thence</p> <p>N. 89° 56' W., on true line, bet. secs. 1 and 12.</p> <p>Over nearly level land, thru scattering timber and undergrowth.</p> <p>36.30 Wash, 10 lks. wide, course NE.</p> <p>40.04 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\begin{array}{c} S1 \\ \hline \frac{1}{4} \\ S12 \\ 1939 \end{array}$ </div>
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Survey of subdivisonal lines of T. 12 S., R. 5 $\frac{1}{2}$ E.

FOOT

Chains	from which
	A mesquite, 5 ins. diam., bears N. 6 $\frac{1}{4}$ ° W., 193 lks. dist., marked $\frac{1}{4}$ S1 BT.
	A mesquite, 4 ins. diam., bears S. 17 $\frac{1}{2}$ ° E., 336 lks. dist., marked $\frac{1}{4}$ S12 BT.
56.60	Dim road, bears N. and S.
80.08	The cor. of secs. 1, 2, 11 and 12. Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, palo verde, ironwood and mesquite; undergrowth, greasewood.
	N. 89° 59' W., on a random line, bet, secs. 2 and 11.
28.65	The cor. of secs. 1, 2, 11 and 12, <i>on the W. bdy. of the Tp. hereinbefore described.</i> Thence S. 89° 59' E., on true line, bet. secs. 2 and 11. Over nearly level land, thru scattering timber and undergrowth.
22.70	Wash, 5 lks. wide, 3 ft. deep, course N. 70° E.
28.65	The cor. of secs. 1, 2, 11 and 12. Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, palo verde, ironwood and mesquite; undergrowth, greasewood.
	N. 0° 01' W., bet. secs. 1 and 2. Over nearly level land, thru scattering timber and undergrowth.
4.70	Wash, 15 lks. wide, course N. 70° E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\begin{array}{c} \frac{1}{4} \\ \checkmark \quad S2 S1 \\ 1939 \end{array}$
	from which
	A mesquite, 8 ins. diam., bears N. 37 $\frac{1}{4}$ ° E., 85 lks. dist., marked $\frac{1}{4}$ S1 BT.
	A mesquite, 6 ins. diam., bears S. 55 $\frac{1}{2}$ ° W., 102 lks. dist., marked $\frac{1}{4}$ S2 BT.
80.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for lot cor., with brass cap marked $\begin{array}{c} \frac{1}{4} \\ \checkmark \quad S2 \frac{1}{4} S1 \\ 4 5 \\ 1939 \end{array}$

Survey of the subdivisional lines of T. 12 S., R. 5 $\frac{1}{2}$ E.

Chains

18x18x12 ins. N. and S. of post, 3 ft. dist. dig pits

88.85 Intersect S. boundary of T. 11 S., R. 5 E.

At intersection

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for closing cor. of secs. 1 and 2, with brass cap marked

T11S R5E	
S36	

S2	S1
T12S R5 $\frac{1}{2}$ E	
C C	
1939	

18x18x12 ins. E., W. and S. of post, 3 ft. dist. dig pits

From the closing cor., the $\frac{1}{4}$ sec. cor. of sec. 36, bears W. 12.60 chs. dist.; hereinbefore described.

From the same closing cor., the cor. of T. 11 S., Rs. 5 and 6 E. bears E. 27.40 chs. dist.; hereinbefore described.

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

For the final tests of the solar attachments of instruments, see the field notes of the subdivisional lines of T. 12 S., R. 8 E., surveyed under this group.

General Description

The lands of frac. T. 12 S., R. 5 $\frac{1}{2}$ E., comprising secs. 1, 2, 11, 12, 13, and 14 are nearly level and lie at an approximate elevation of 1700 ft. above sea level. The township is drained by a number of dry washes flowing in a northeasterly direction. No sources of water are to be found in the township.

The soil is 2nd and 3rd rates, of sandy loam and granite sand and contains very little rock. No mineral deposits are to be found.

A scattering growth of timber, principally of palo verde, iron wood and mesquite occurs along the washes. A medium growth of greasewood brush and a sparse stand of native grasses are prevalent throughout the township. An unimproved road enters the SE. cor. of sec. 13 and runs northwesterly through the township emerging from the N. bdy. of sec. 1 near its NW. cor. Another unimproved road entering sec. 11 in the SW. cor. joins the other road in sec. 12. No settlers reside in the area. The Papago Indian Reservation fence runs N. along the E. bdy. of secs. 13, 12 and 1, and turning W. skirts the N. bdy. of sec. 1 to the cor. of sec. 36, T. 11 S., R. 5 E. and sec. 31, T. 11 S., R. 6 E. where it turns N.

Stock grazing is the only use made of the land at the present time.

Mean magnetic declination 14° 15' E.

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(12)

BOOK 4250

CERTIFICATE OF SURVEYOR

We, Ty White, Surveyor, and Raymond F. Moss, Public Land Surveyor, General Land Office, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 10th day of January, 1939, received from the district cadastral engineer for Arizona, with assignment instructions dated March 1, 1939 We have surveyed ~~the south boundary of section 36, T. 11 S., R. 5 E., and the west boundary of fractional T. 12 S., R. 5 1/2 E.,~~ ^{a part of} ~~and~~ ^{and} resurveyed and surveyed subdivisional lines of fractional Township 12 South, Range 5 1/2 East, 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 ~~me~~ ^{us} and under ~~my~~ ^{our} direction; and that said survey ~~has~~ ^{and resurvey} 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, Calif., Jan. 31, 1941
Phoenix, Ariz., July 31, 1940

Ty White
 Surveyor
Raymond F. Moss
 Public Land Surveyor
 General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,
 Denver, Colorado, April 23, 1942.

The foregoing field notes of the survey of ~~the south boundary of section 36, T. 11 S., R. 5 E., and the west boundary of fractional T. 12 S., R. 5 1/2 E.,~~ ^{a part of} ~~and the~~ resurvey and survey of subdivisional lines of fractional Township 12 South, Range 5 1/2 East, of the Gila and Salt River Meridian, in the State of Arizona, executed by Ty White, Surveyor, and Raymond F. Moss, Public Land Surveyor, under special instructions dated January 10, 1939, and assignment instructions dated March 1, 1939, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey and resurvey therein described, are hereby approved.

Wm. H. ...
 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.~~