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4-679
(April 1933)

BOOK 4111

FIELD NOTES

of the RESURVEY of the

EAST BOUNDARY of

TOWNSHIP 8 SOUTH, RANGE 12 WEST

and of the survey of

WEST and NORTH BOUNDARIES and

SUBDIVISION LINES of

FRACTIONAL TOWNSHIP 8 SOUTH, RANGE 11½ WEST

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Roger F. Wilson, U. S. Surveyor

Under special instructions dated December 12th, 1933, which provided for the surveys included under Group No. 200, Arizona, bearing the approval of the Commissioner of the General Land Office under date of April 17th, 1934 and assignment instructions dated November 21st, 1936

Resurvey & Survey commenced November 27th, 1936

Resurvey & Survey completed December 7th, 1936

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INDEX DIAGRAM.

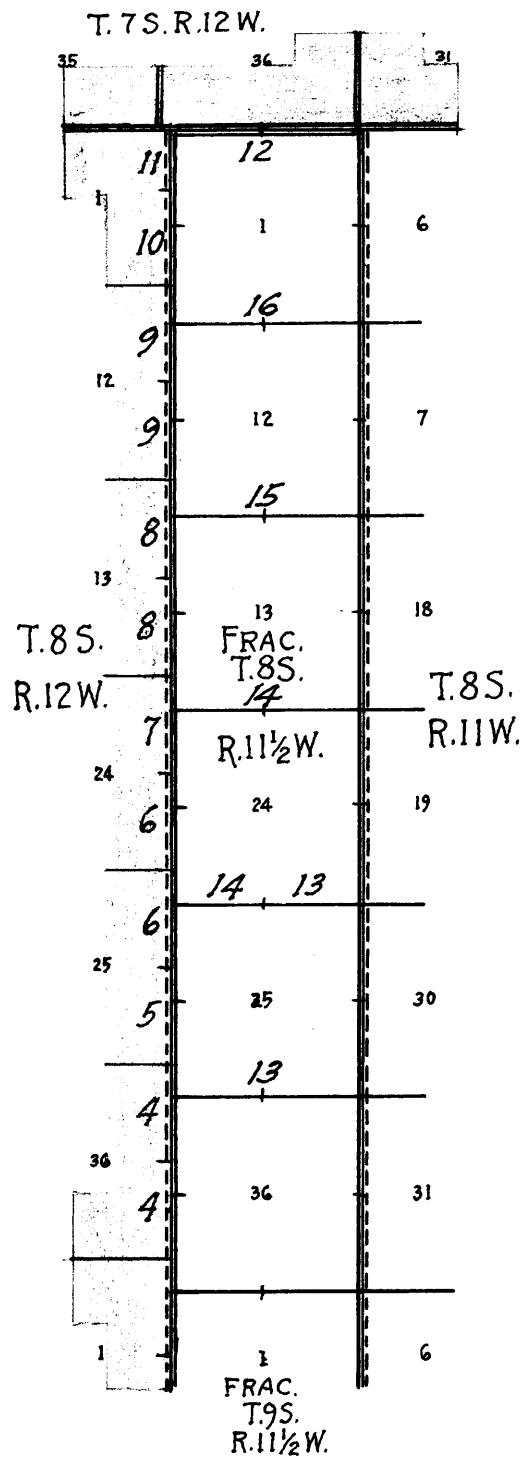
Township _____, Range _____






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-  Resurveyed under Group 201 in 1934 (notes accepted & filed)
-  Other accepted surveys.
-  Resurveyed under this group.
-  Surveyed under this group.
-  Areas surveyed as per accepted plats on file.

The resurveys and surveys herein described were executed by Roger F. Wilson, U.S. Surveyor, using a Buff and Buff solar transit, Serial No. 23829. The instrument is equipped with an improved Smith solar attachment and otherwise conforms to the standard specifications of the General Land Office. The instrument was in good condition and having been placed in satisfactory adjustment prior to beginning the surveys of this group, tested and found free from appreciable error, was approved by the district cadastral engineer for Arizona and California, on November 21, 1936, conditional upon satisfactory results of field tests.

PRELIMINARY FIELD TEST

At camp in SW $\frac{1}{4}$ of sec. 32, T. 6 S., R. 9 W., G. & S. R. B. & M., Arizona, latitude, 32° 51' N., longitude 113° 13' W., November 27, 1936, on the meridian established by Polaris observation November 24, 1936, test the solar apparatus as follows:

At 8h. 00m. a.m. app.t., set off 32° 51' N. on the latitude arc; 21° 07 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar which agrees within 1' with the true meridian.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian; the resulting reading of the declination arc is 21° 11' S., which agrees with the computed declination of the sun.

At 4h. 00m. p.m. app.t., with the latitude arc unchanged, set off 21° 11' S. on the declination arc; and determine a meridian with the solar which agrees within 1' with the true meridian.

As all of the solar observations during the usual hours of solar work come within 1' 30" of the true meridian, conclude that the instrument is in satisfactory adjustment on this date.

All azimuths were established by means of the solar, prolonged by back and foresights and checked by the solar attachment at regular intervals.

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

Chains

The East boundary of T. 8 S., R. 12 W. was surveyed in 1893 by L. Wolfley, U.S.D.S., due South from closing cor. of Ts. 8 S., Rs. 11 and 12 W. established by him on South boundary of sec. 36, T. 7 S., R. 12 W., where his random East boundary of T. 8 S., R. 12 W. run due North from cor. of Ts. 8 and 9 S., Rs. 11 and 12 W., intersected. Surveyor Wolfley established common reference cors. on the Township boundary at 40 ch. intervals counting from the South. No retracement or resurvey of any part of this township boundary is of record.

The following notes describe a dependent resurvey of the entire line, northerly, reconstructing with brass-capped iron posts, all of the original corner monuments between the township cors., with altered reference to areas West of line only, establishing the West $\frac{1}{4}$ sec. cors. of secs. 12, 13, 24, 25 and 36 of Frac. T. 8 S., R. 11 $\frac{1}{2}$ W. at mid-points on the W. bdrs. of said secs., and the W. $\frac{1}{4}$ sec. cor. of sec. 1 of same Tp. at 40 chs. northerly from the closing cor. of secs. 1 and 12 of said Frac. Tp. The closing cors. of the secs. in Frac. T. 8 S., R. 11 $\frac{1}{2}$ W. are hereinafter described in the notes of survey of the subdivision lines of said Tp. The establishment on this Tp. bdy. of the $\frac{1}{4}$ sec. cors. and closing cors. referring to areas in Frac. T. 8 S., R. 11 $\frac{1}{2}$ W. accomplishes a survey of the West boundary thereof.

RETRACEMENT FOR RESURVEY

From the cor. of Ts. 8 S., Rs. 11 $\frac{1}{2}$ and 12 W. (Originally closing cor. of Ts. 8 S., Rs. 11 and 12 W.)

South, on random line, on E. bdy. of sec. 1 (N. $\frac{1}{2}$).

24.69 Fall 22 lks. W. of original point of location of the $\frac{1}{4}$ sec. cor. of secs. 1 and 6.

The true course and dist. of the N. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore, N. 0° 30' W., 24.69 chs.

Thence,

South, on random line, on E. bdy. of sec. 1 (S. $\frac{1}{2}$).

40.05 Fall 28 lks. E. of original point of location of the cor. of secs. 1, 6, 7 and 12.

True course and dist. of the S. $\frac{1}{2}$ of E. bdy. of sec. 1 are therefore N. 0° 24' E., 40.05 chs.

South, on random line, on E. bdy. of sec. 12 (N. $\frac{1}{2}$).

40.47 Fall 42 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 7 and 12.

The true course and dist. of the N. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore N. 0° 36' W., 40.47 chs.

Thence,

South, on random line, on E. bdy. of sec. 12 (S. $\frac{1}{2}$).

39.91 Fall 35 lks. W. of original cor. of secs. 7, 12, 13 and 18.

The true course and dist. of the S. $\frac{1}{2}$ of E. bdy. of sec. 12 are therefore N. 0° 30' W., 39.91 chs.

RESURVEY: EAST BOUNDARY, T. 8 S., R. 12 W.
 SURVEY: WEST BOUNDARY, FRAC. T. 8 S., R. 11½ W.

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Chains	South, on random line, on E. bdy. of sec. 13 (N.½).
40.08	Fall 42 lks. E. of original ¼ sec. cor. of secs. 13 and 18. The true course and dist. of the N. ½ of E. bdy. of sec. 13 are therefore N. 0° 36' E., 40.08 chs. Thence, South, on random line, on E. bdy. of sec. 13 (S.½).
40.04	Fall 21 lks. W. of original cor. of secs. 13, 18, 19 and 24. The true course and dist. of the S. ½ of E. bdy. of sec. 13 are therefore N. 0° 18' W., 40.04 chs.
40.00	South on random line, on E. bdy. of sec. 24 (N.½). Fall 11 lks. E. of original ¼ sec. cor. of secs. 19 and 24. The true course and dist. of the N. ½ of E. bdy. of sec. 24 are therefore N. 0° 9' E., 40.00 chs. Thence, South, on random line, on E. bdy. of sec. 24 (S.½).
40.13	Fall 20 lks. W. of original cor. of secs. 19, 24, 25 and 30. The true course and dist. of the S. ½ of E. bdy. of sec. 24 are therefore N. 0° 17' W., 40.13 chs.
40.02	South, on random line, on E. bdy. of sec. 25 (N.½). Fall 4 lks. E. of original ¼ sec. cor. of secs. 25 and 30. The true course and dist. of the N. ½ of E. bdy. of sec. 25 are therefore N. 0° 03' E., 40.02 chs. Thence, South, on random line, on E. bdy. of sec. 25 (S.½).
40.16	Fall 38 lks. E. of original cor. of secs. 25, 30, 31 and 36. The true course and dist. of the S. ½ of the E. bdy. of sec. 25 are therefore N. 0° 33' E., 40.16 chs.
40.16	South, on random line, on E. bdy. of sec. 36 (N.½). Fall 24 lks. W. of original point of location ¼ sec. cor. of secs. 31 and 36. The true course and dist. of the N. ½ of the E. bdy. of sec. 36 are therefore N. 0° 21' W., 40.16 chs. Thence, South, on random line, on E. bdy. of sec. 36 (S.½).
40.11	Fall 38 lks. W. of the cor. of Ts. 8 and 9 S., R. 12 W. The true course and dist. of the S. ½ of the E. bdy. of sec. 36 are therefore N. 0° 33' W., 40.11 chs.

RESURVEY: EAST BOUNDARY T. 8 S., R. 12 W.
 SURVEY: WEST BOUNDARY, FRAC. T. 8 S., R. 11½ W.

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4.

Chains

RESURVEY

From the cor. of Ts. 8 and 9 S., R. 12 W., reconstructed under this group and described in the field notes of the resurvey of the E. bdy. of T. 9 S., R. 12 W. and survey of W. bdy. of Frac. T. 9 S., R. 11½ W.

Thence,

N. 0° 33' W., on true line, on E. bdy. of sec. 36 (S.½).

Over level land, drains SW., thru scattering timber and undergrowth.

27.63 (Midpoint of W. bdy. of sec. 36, Frac. T. 8 S., R. 11½ W.)

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 36, Frac. T. 8 S., R. 11½ W., with brass cap mkd.

¼ S36

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

40.11 Intersect the original point of location of the ¼ sec. cor. of secs. 31 and 36, at midpoint between traces of pits N. and S. A mesquite post, 3 ft. long, 2 ins. diam., bearing illegible mkg. is lying on the ground alongside this cor. point, evidently the original cor. monument. Reconstruct this cor. monument with altered reference as follows; at original point,

set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 36, T. 8 S., R. 12 W., only, with brass cap mkd.

¼ S36

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

Thence,

N. 0° 21' W., on true line, on E. bdy. of sec. 36 (N.½).

Over level land, drains SW., thru scattering timber and undergrowth.

27.52 Point of intersection of subdivision line bet. secs. 25 and 36, Frac. T. 8 S., R. 11½ W.; surveyed due West: Closing cor. of said secs. established at this point as hereinafter described.

40.16 Intersect the original cor. of secs. 25, 30, 31 and 36, which is a mesquite post 3 ins. square, projecting 2 ft. above ground, firmly set, properly mkd. No accessories. Reconstruct this cor. monument with altered reference as follows; alongside old wood post,

set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground for cor. of secs. 25 and 36, T. 8 S., R. 12 W.,

RESURVEY: EAST BOUNDARY T. 8 S., R. 12 W.
 SURVEY: WEST BOUNDARY, FRAC. T. 8 S., R. 11½ W.

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Chains

only, with brass cap mkd.

T8S	T8S
S25	R11½W
S36	S25
R12W	

1936

Dig a circular trench 6 ft. diam. and pile dirt around post.

No bearing trees available.

From which

U.S.G.S. bench mark, brs. S. 42° E., 78 lks. dist. which is a pine post, 3x4 ins. projecting 8 ins. above ground, firmly set, 493 painted on W. face and with a brass washer on top mkd. USGSBM.

Land, level.

Soil, sandy loam, 1st and 2nd rates.

Timber, mesquite.

Undergrowth, greasewood.

N. 0° 33' E., on true line, on E. bdy. of sec. 25 (S.½).

Over level land, drains SW., thru scattering timber and undergrowth.

27.37 (Midpoint of W. bdy. of sec. 25, T. 8 S., R. 11½ W.)

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 25, Frac. T. 8 S., R. 11½ W., with brass cap mkd.

¼ S25

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

40.16

Intersect the original ¼ sec. cor. of sec. 25 and 30, which is a mesquite post, 3 ins. diam., projecting 2 ft. above ground, firmly set, mkd. ¼ on W. face. No accessories. Reconstruct this cor. monument with altered reference as follows; alongside old wood post

set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 25, T. 8 S., R. 12 W., only, with brass cap mkd.

¼ S25

1936

Dig a circular trench 6 ft. diam and pile dirt around post.

No bearing trees available.

Thence,

RESURVEY: EAST BOUNDARY T. 8 S., R. 12 W.
 SURVEY: WEST BOUNDARY, FRACT. T. 8 S., R. 11½ W.

6.

Chains

N. 0° 03' E., on true line on E. bdy. of sec. 25 (N.½).

Over level land, drains SW., thru scattering timber and undergrowth.

27.22 Point of intersection of subdivision line bet. secs. 24 and 25, Frac. T. 8 S., R. 11½ W., surveyed due West. Closing cor. of said secs. established at this point as herein-after described.

40.02 Intersect the original cor. of secs. 19, 24, 25 and 30, which is a mesquite post 4 ins. square, projecting 2 ft. above ground, firmly set and illegibly marked on 4 sides. No accessories. Reconstruct this corner monument with altered reference as follows; alongside old post

set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in ground for cor. of secs. 24 and 25, T. 8 S., R. 12 W. only, with brass cap mkd.

T8S	T8S
S24	R11½W
S25	S24
R12W	

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

From which

U.S.G.S. bench mark, brs. S. 40° E., 60 lks. dist., which is a brass tablet set in a concrete block projecting 10 ins. above ground, tablet mkd.

U.S.G.S.
 13 M 1927
 Elevation
 Above Sea
 feet

Land, level.

Soil, sandy loam, 1st and 2nd rates.

Timber, mesquite.

Undergrowth, greasewood.

N. 0° 17' W., on true line, on E. bdy. of sec. 24 (S.½).

Over level land, drains SW., thru scattering timber and undergrowth.

27.19 (Midpoint of W. bdy. of sec. 24, Frac. T. 8 S., R. 11½ W.)

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ½ sec. cor. of sec. 24, Frac. T. 8 S., R. 11½ W., with brass cap mkd.

½ S24

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

RESURVEY: EAST BOUNDARY T. 8 S., R. 12 W.
 SURVEY: WEST BOUNDARY, FRAC. T. 8 S., R. 11½ W.

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7.

Chains

40.13 Intersect the original ¼ sec. cor. of secs. 19 and 24, which is a mesquite post, 3 ins. diam., projecting 2 ft. above ground, firmly set, and illegibly mkd. on W. face. No accessories. Reconstruct this cor. monument with altered reference as follows; alongside old wood post,

set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground for ¼ sec. cor. of sec. 24, T. 8 S., R. 12 W., only, with brass cap mkd.

¼ S24

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing tree available.

Thence

N. 0° 09' E., on true line, on E. bdy. of sec. 24 (N. ½).

Over level land, drains SW., thru scattering timber and undergrowth.

27.06 Point of intersection of subdivision line bet. secs. 13 and 24, Frac. T. 8 S., R. 11½ W., surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.

40.00 Intersect the original cor. of secs. 13, 18, 19 and 24, which is a mesquite post, 3 ins. square, projecting 2 ft. above ground, firmly set and properly mkd. No accessories. Reconstruct this cor. monument with altered reference as follows; alongside old wood post,

set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in ground for cor. of secs. 13 and 24, T. 8 S., R. 12 W., only, with brass cap mkd.

T8S	T8S
S13	R11½W
S24	S13
R12W	

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

From which

U.S.G.S. bench mark, brs. S. 40° E., 66 lks. dist., which is a pine post, 3x4 ins. projecting 10 ins. above ground, firmly set, 500 painted on NW. face, with a brass washer on top mkd. USGSBM.

Land, level.

Soil, sandy loam, 1st and 2nd rates.

Timber, mesquite.

Undergrowth, greasewood.

RESURVEY: EAST BOUNDARY of T. 8 S., R. 12 W.
 SURVEY: WEST BOUNDARY of FRAC. T. 8 S., R. 11½ W.

8.

Chains	
	<p>N. 0° 18' W., on true line, on E. bdy. of sec. 13 (S.½). Over level land, drains SW., thru scattering timber and undergrowth.</p>
27.03	<p>(Midpoint of W. bdy. of sec. 13, Frac. T. 8 S., R. 11½ W.) Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 13, Frac. T. 8 S., R. 11½ W., with brass cap mkd.</p>
	<p style="text-align: center;">¼ S13 1936</p> <p>Dig a circular trench 6 ft. diam., and pile dirt around post.</p> <p>No bearing trees available.</p>
28.62	<p>Dim road, brs. N. 70° W. and S. 70° E.</p>
40.04	<p>Intersect the original ¼ sec. cor. of secs. 13 and 18, which is a mesquite post, 3 ins. diam., projecting 2 ft. above ground, firmly set, and illegibly mkd. No accessories. Reconstruct this cor. monument with altered reference as follows; alongside old wood post, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground for ¼ sec. cor. of sec. 13, T. 8 S., R. 12 W., only, with brass cap mkd.</p>
	<p style="text-align: center;">¼ S13 1936</p> <p>Dig a circular trench 6 ft. diam., and pile dirt around post.</p> <p>No bearing trees available.</p> <p>Thence,</p>
	<p>N. 0° 36' E., on true line, on E. bdy. of sec. 13 (N.½). Over level land, drains SW., thru scattering timber and undergrowth.</p>
26.96	<p>Point of intersection of subdivision line bet. secs. 12 and 13, Frac. T. 8 S., R. 11½ W., surveyed due West. Closing cor. of said secs. established at this point as hereinafter described.</p>
40.08	<p>Intersect the original cor. of secs. 7, 12, 13 and 18, which is a mesquite post, 3 ins. square, projecting 3 ft. above ground, firmly set, and illegibly marked on each of four sides. No accessories. Reconstruct this cor. monument with altered reference as follows; alongside old wood post, set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in ground for cor. of secs. 12 and 13, T. 8 S., R. 12 W., only, with brass cap mkd.</p>
	<p style="text-align: center;">T8S T8S S12 R11½W ——— S13 S12 R12W </p> <p style="text-align: center;">1936</p>

RESURVEY: EAST BOUNDARY of T. 8 S., R. 12 W.
 SURVEY: WEST BOUNDARY, FRAC. T. 8 S., R. 11½ W.

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9.

Chains

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

Land, level.

Soil, sandy loam, 1st and 2nd rates.

Timber, mesquite.

Undergrowth, greasewood.

N. 0° 30' W., on true line, on E. bdy. of sec. 12 (S.½).

Over level land, drains SW., thru scattering timber and undergrowth.

26.89

(Midpoint of W. bdy. of sec. 12, Frac. T. 8 S., R. 11½ W.)

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 12, Frac. T. 8 S., R. 11½ W., with brass cap mkd.

¼ S12

1936

Dig a circular trench 6 ft. diam. and pile dirt around post.

No bearing trees available.

39.91

Intersect the original ¼ sec. cor. of secs. 7 and 12, which is a mesquite post 3 ins. diam., projecting 2 ft. above ground, firmly set, and mkd. ¼ S on E. face. No accessories. Reconstruct this cor. monument with altered reference as follows; alongside old wood post

set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 12, T. 8 S.; R. 12 W., only, with brass cap mkd.

¼ S12

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

Thence,

N. 0° 36' W., on true line, on E. bdy. of sec. 12 (N.½).

Over level land, drains SW., thru scattering timber and undergrowth.

26.99

Point of intersection of the subdivision line bet. secs. 1 and 12, Frac. T. 8 S., R. 11½ W., surveyed due West. Closing cor. of said secs. established at this point as hereinafter described:

40.47

Intersect the original point of location of the cor. of secs. 1, 6, 7 and 12, equidistant from faint traces of pits NE., SE., SW. and NW. A mesquite post, 4 ft. long, 3 ins. sq. mkd. S 1 on one face and illegible marking on each of the other three faces, is lying on the ground alongside this cor. point, evidently the original corner monument. Reconstruct this cor. monument with

RESURVEY: EAST BOUNDARY T. 8 S., R. 12 W.
SURVEY: WEST BOUNDARY, FRAC. T. 8 S., R. 11½ W.

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Chains

altered reference as follows: at original point

set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in ground for cor. of secs. 1 and 12, T. 8 S., R. 12 W., only, with brass cap mkd.

T8S	T8S
S 1	R11½W
S12	S 1
R12W	

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

From which

U.S.G.S. bench mark, brs. S. 47° E., 69½ lks. dist., which is a brass tablet set in a concrete block, projecting 10 ins. above ground, tablet mkd.

U.S.G.S.
14 M 1927
Elevation
Above Sea
feet

Land, level.

Soil, sandy loam, 1st and 2nd rates.

Timber, mesquite and ironwood.

Undergrowth, greasewood.

N. 0° 24' E., on true line, on E. bdy. of sec. 1 (S.½).

Over level land, drains SW., thru scattering timber and undergrowth.

26.52 (40.00 chs. northerly from closing cor. of secs. 1 and 12, Frac. T. 8 S., R. 11½ W.).

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 1, Frac. T. 8 S., R. 11½ W., with brass cap mkd.

¼ S1

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

40.05 Intersect the original point of location of the ¼ sec. cor. of secs. 1 and 6; at midpoint between faint traces of pits N. and S. An unmarked mesquite post, 2 ft. long, 2 ins. square is lying on the ground alongside the cor. point, probably the original corner monument. Reconstruct this cor. monument with altered reference as follows: at original point,

set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. of sec. 1, T. 8 S., R. 12 W., only, with brass cap mkd.

RESURVEY: EAST BOUNDARY T. 8 S., R. 12 W.

SURVEY: WEST BOUNDARY, FRAC. T. 8 S., R. 11½ W.

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Chains

¼ S1

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

Thence,

N. 0° 30' W., on true line, on E. bdy. of sec. 1 (N.½).

Over level land, drains SW., thru scattering timber and undergrowth.

24.69

Intersect the cor. of Ts. 8 S., Rs. 11 and 12 W., which is an iron post, 3 ins. diam., projecting 2 ft. above ground, firmly set, supported in a mound of stone to top and with brass cap mkd.

T7S	R12W
S36	
S 1	S 6
R12W	R11W
T8S	

1934

No accessories.

Note: the above described corner monument is a reconstruction of the original closing cor. of Ts. 8 S., Rs. 11 and 12 W., by A.C.Kimmel, U.S.S. in his resurvey of the S. bdy. of T. 7 S., R. 12 W., under Group No. 201, but the description of this cor. was omitted from the field notes of said resurvey which are accepted and filed.

Alter this corner monument to refer to Ts. 8 S., Rs. 11½ and 12 W., only, by changing marking on brass cap to read.

T7S	R12W
S36	
S 1	S 1
R12W	R11½W
T8S	

1934-1936

From which

The cor. of secs. 35 and 36, T. 7 S., R. 12 W., bears S. 89° 56' W., 4.43 chs. dist., which is an iron post, 2 ins. diam., projecting 9 ins. above ground, firmly set, mkd. on brass cap and witnessed as described in the official record.

Land, level.

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

Timber, mesquite, palo verde and ironwood.

Undergrowth, greasewood.

SURVEY: NORTH BOUNDARY FRAC. T. 8 S., R. 11½ W.

12,

Chains

Alter the south $\frac{1}{4}$ sec. cor. of sec. 36, T. 7 S., R. 12 W., to also refer to the quarters of sec. 1, Frac. T. 8 S., R. 11½ W., by changing the marking on the brass cap to read

$$\frac{1}{4} \begin{array}{c} S 36 \\ S 1 \end{array}$$

1936
1934

The change in this cor., in connection with the alteration of the closing cor. of Ts. 8 S., Rs. 11 and 12 W. to cor. of Ts. 8 S., Rs. 11½ and 12 W., and the alteration of the cor. of Ts. 7 S., Rs. 11 and 12 W. to cor. of Ts. 7 S., Rs. 11 and 12 W., and Ts. 8 S., Rs. 11 and 11½ W., accomplishes a survey of the North boundary of Frac. T. 8 S., R. 11½ W.

SURVEY: SUBDIVISION LINES OF FRAC. T. 8 S., R. 11½ W.

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13.

Chains

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp. established under this group and described in the field notes of resurvey of the W. bdy. of T. 8 S., R. 11 W. and survey of E. bdy. of Frac. T. 8 S., R. 11½ W.

Thence

West, bet. secs. 25 and 36.

Over level land, drains SW., thru scattering timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. with brass cap mkd.

$$\frac{1}{4} \frac{S \ 25}{S \ 36}$$

1936

Dig a circular trench 6 ft. diam. and pile dirt around post.

No bearing trees available.

76.44 Intersect the W. bdy. of the Tp. at a point 12.64 chs. S. 0° 21' E.; from the cor. of secs. 25 and 36, T. 8 S., R. 12 W.; hereinbefore described; at the point of intersection,

set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in ground for closing cor. of secs. 25 and 36, Frac. T. 8 S., R. 11½ W., with brass cap mkd.

T8S	T8S	
R12W	S25	
		CC
S36	S36	
	R11½ W.	

1936

Dig a circular trench 6 ft. diam. and pile dirt around post.

No bearing trees available.

Land, level.

Soil, sandy loam, 1st and 2nd rates.

Timber, mesquite.

Undergrowth, greasewood.

From the cor. of secs. 19, 24, 25 and 30 on the E. bdy. of Tp., established under this group and described in the field notes of resurvey of the W. bdy. of T. 8 S., R. 11 W. and survey of E. bdy. of Frac. T. 8 S., R. 11½ W.

Thence

West, bet. secs. 24 and 25.

Over level land, drains SW., thru scattering timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor., with brass cap mkd.

. SURVEY: SUBDIVISION LINES OF FRAC. T. 8 S., R. 11½ W.

14

Chains

$$\frac{1}{4} \begin{array}{l} S 24 \\ S 25 \end{array}$$

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

75.91 Intersect the W. bdy. of the Tp. at a point 12.80 chs. S. 0° 03' W. from the cor. of secs. 24 and 25, T. 8 S., R. 12 W.; hereinbefore described; at point of intersection,

set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in ground for closing cor. of secs. 24 and 25, Frac. T. 8 S., R. 11½ W., with brass cap mkd.

T8S	T8S	
R12W	S24	
		CC
S25	S25	
	R11½W	

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

Land, level.

Soil, sandy loam, 1st and 2nd rates.

Timber, mesquite.

Undergrowth, greasewood.

From the cor. of secs. 13, 18, 19 and 24 on the E. bdy. of the Tp. established under this group and described in the field notes of resurvey of W. bdy. of T. 8 S., R. 11 W. and survey of E. bdy. of Frac. T. 8 S., R. 11½ W.

Thence,

West, bet. secs. 13 and 24.

Over level land, drains SW., thru scattering timber and undergrowth.

24.70 Road, brs. N. 45° W. and S. 30° E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground for ¼ sec. cor. with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S 13 \\ S 24 \end{array}$$

1936

Dig a circular trench 6 ft. diam. and pile dirt around post.

No bearing trees available.

75.87 Intersect the W. bdy. of the Tp. at a point 12.94 chs. S. 0° 09' W. from the cor. of secs. 13 and 24, T. 8 S., R. 12 W. hereinbefore described at point of intersection,

SURVEY: SUBDIVISION LINES OF FRAC. T. 8 S., R. 11 $\frac{1}{2}$ W.

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15

Chains

set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in ground for closing cor. of secs. 13 and 24, Frac. T. 8 S., R. 11 $\frac{1}{2}$ W., with brass cap mkd.

T8S R12W	T8S S 13	CC
S24	S24 R11 $\frac{1}{2}$ W	

1936

Dig a circular trench 6 ft. diam. and pile dirt around post.

No bearing trees available.

Land, level.

Soil, sandy loam, 1st and 3rd rates.

Timber, mesquite.

Undergrowth, greasewood.

From the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of Tp. established under this group and described in the notes of resurvey of W. bdy. of T. 8 S., R. 11W. and survey of E. bdy. of Frac. T. 8 S., R. 11 $\frac{1}{2}$ W.

Thence,

West, bet. secs. 12 and 13.

Over level land, drains SW., thru scattering timber and undergrowth.

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

$\frac{1}{4}$ S 12	S 13
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1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

75.57 Intersect the W. bdy. of the Tp. at a point 13.12 chs. S. 0° 36' W. from the cor. of secs. 12 and 13, T. 8 S., R. 12 W.; hereinbefore described; at point of intersection,

set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in ground for closing cor. of secs. 12 and 13, Frac. T. 8 S., R. 11 $\frac{1}{2}$ W., with brass cap mkd.

T8S R12W	T8S S12	CC
S13	S13 R11 $\frac{1}{2}$ W	

1936

Dig a circular trench 6 ft. diam., and pile dirt around post.

No bearing trees available.

SURVEY: SUBDIVISION LINES OF FRAC. T. 8 S., R. 11½ W.

16

Chains

Land, level.
Soil, sandy loam, 1st and 2nd rates.
Timber, mesquite and ironwood...
Undergrowth, greasewood.

From the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp., established under this group and described in the notes of resurvey of W. bdy. of T. 8 S., R. 11 W. and survey of E. bdy. of Frac. T. 8 S., R. 11½ W.

Thence,

West, bet. secs. 1 and 12.

Over level land, drains SW., thru scattering timber and undergrowth.

30.00 Base of hill, brs. NW. and SE., asc. 20 ft. over NE. slope

36.00 Rocky spur slopes NW., from hill 3 chs. SE., desc. 20 ft. over SW. slope to

40.00 Base of hill, brs. NW. and SE.

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

¼ S 1
S 12

1936

Dig a circular trench 6 ft. diam. and pile dirt around post.

No bearing trees available.

Thence over level land.

75.92 Intersect the W. bdy. of the Tp. at a point 13.48 chs. S. 0° 36' E. from the cor. of secs. 1 and 12, T. 8 S., R. 12 W. hereinbefore described; at the point of intersection,

set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in ground for closing cor. of secs. 1 and 12, Frac. T. 8 S., R. 11½ W., with brass cap mkd.

T8S	T8S	
R12W	S 1	
		CC
S12	S12	
	R11½W	

1936

Dig a circular trench 6 ft. diam. and pile dirt around post.

No bearing trees available.

Land, level and rolling.
Soil, sandy loam, 1st and 2nd rates.
Timber, palo verde and ironwood.
Undergrowth, greasewood.

The continued satisfactory adjustment of the instrument used in the execution of the resurveys and surveys described in the foregoing field notes is indicated from the final tests of same described in the notes of survey of T. 8 S., R. 11 W.

GENERAL DESCRIPTION

Fractional T. 8 S., R. 11 $\frac{1}{2}$ W. is situated in the Gila River Valley about 4 miles south of the town of Aztec, Arizona. Aztec is the nearest Post Office and is a station on the original main line of the Southern Pacific R.R. The average elevation is about 500 ft. above sea level.

The general character of the surface is level or gently rolling. The soil is a sandy loam, 1st and 2nd rates. There are some low sand hills in secs. 25 and 36, and low lava hills in the northern part of sec. 1.

The timber is very scattering and consists of mesquite, palo verde and ironwood. An undergrowth of greasewood is prevalent in all sections.

There is no permanent surface water. No indications of valuable mineral deposits were observed in this survey. There is only one road in the township. This road bears NW. and SE. thru secs. 13 and 24, extending northerly to Aztec and southeasterly to Tony's Ranch.

There are no settlers or improvements.

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4-680
(August, 1928)

FIELD ASSISTANTS.
to

Roger F. Wilson

U.S. Surveyor

NAMES.	CAPACITY.
William J. Martin	Principal Assistant
Clark Blevins	Chainman
Ellis W. Murphy	Axman
Robert E. Brock	Axman
Stanton Chandler	Cornerman
W.K. Shealy II	Cornerman
Martin B. Akins	Cornerman
A.C. Terry	Flagman

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CERTIFICATE OF UNITED STATES SURVEYOR

I, Roger F. Wilson, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 12th day of December, 1933, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, resurveyed all those parts or portions of the EAST BOUNDARY of Township 8 South, Range 12 West and surveyed all those parts or portions of the West and North boundaries and Subdivision lines of Fractional Township 8 South, Range 11 1/2 West of the Gila and Salt River Base and 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 all the corners of said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Phoenix, Arizona. April 13 1937.

Roger F. Wilson U. S. Surveyor.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS, Denver, Colorado, July 6, 1937

The foregoing field notes of the resurvey of the EAST BOUNDARY of Township 8 South, Range 12 West and of survey of the West and North boundaries and Subdivision lines of Fractional Township 8 South, Range 11 1/2 West of the Gila and Salt River Base and Meridian, in the State of Arizona executed by Roger F. Wilson, U.S. Surveyor under his special instructions dated December 12, 1933 for Group 200, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and surveys they describe, are hereby approved.

U. S. Supervisor of Surveys.

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

U. S. Supervisor of Surveys.