

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

of the

Resurvey of a Portion of the South Boundary

and the Survey of a

Portion of the Subdivision

of

Township 7 South, Range 20 East

Of the Gila and Salt River Meridian,

In the State of Arizona

## EXECUTED BY

Fred R. Chappell, Cartographic Survey Aid

Under special instructions dated November 10, 1954, which provided

for the surveys included under Group No. 297, approved November 10, 1954

and assignment instructions dated November 17, 1954

Survey commenced January 11, 1955

Survey completed March 3, 1955

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BOOK 4475

# INDEX DIAGRAM

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## Survey of the South Boundary, T. 7 S., R. 20 E.

## Chains

The east half of the south boundary of this township was originally surveyed by T. F. White in 1877. The east half was resurveyed and the west half surveyed by L. R. Hanson in 1928 as represented on the plat of T. 8 S., R. 20 E., approved October 26, 1928, however, no corners were established for T. 7 S., R. 20 E. through the west three miles. The south half of the east boundary was originally surveyed by T. F. White in 1877; this portion was resurveyed and the north half surveyed by T. B. Matthews in 1915, as represented upon the plat of T. 7 S., R. 21 E., approved September 18, 1917. The north half of the west boundary and west half of the north boundary were originally surveyed by T. F. White in 1877. Portions of the west boundary were surveyed or resurveyed by J. F. Hesse in 1913 as represented on the plat of T. 7 S., R. 19 E., approved July 21, 1914. The west half of the north boundary was resurveyed and the east half surveyed by W. E. Hiester in 1928, as represented on the plat of T. 6 S., R. 20 E., approved December 7, 1929. A portion of the subdivisional lines of T. 7 S., R. 20 E., was surveyed by T. F. White in 1877.

For a test of the instruments and methods used see the notes for T. 4 S., R. 22 E.

The geographic position of the southeast corner of the township is latitude  $32^{\circ}46'30''$  N., longitude  $110^{\circ}15'14''$  W. The magnetic declination is  $14^{\circ}15'$  E.

Resurvey of a portion of the north boundary of T. 8 S., R. 20 E., with establishment of the corners for the south boundary of sec. 33, T. 7 S., R. 20 E.

From the cor. of secs. 3 and 4 on the north boundary of T. 8 S., R. 20 E., which is monumented with an iron post, set and marked as described in the official record.

From this cor. the true point for the cor. of secs. 33 and 34, T. 7 S., R. 20 E., bears east, 2.75 chs. dist.; its witness corner bears east, 10 lks. dist. from its true point.

West, on the north boundary of sec. 4.

- 1.80 Rattlesnake Creek, 25 lks. wide, 2 ft. deep, course NNE.; asc. 165 ft. over E. slope.
- 10.80 Spur, slopes S.  $10^{\circ}$  E.
- 14.70 Arroyo, 30 lks. wide, 10 ft. deep, course S.  $70^{\circ}$  E.; asc. 275 ft. over NE. slope.
- 37.24 Point for the  $\frac{1}{4}$  sec. cor. of sec. 33, 40 chs. west in latitude from the cor. of secs. 33 and 34, T. 7 S., R. 20 E.
- Set. an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
- $\frac{1}{4}$  S33  
1955
- 38.70 Small arroyo, course N.  $80^{\circ}$  E.
- 40.00 The  $\frac{1}{4}$  sec. cor. of sec. 4, monumented with an iron post, set and marked as described in the official record.

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## Survey of the S. Bdy., T. 7 S., R. 20 E.

Chains	
	West, beginning new measurement.
	Asc. 144 ft. over E. slope.
8.30	Road, graded, dirt, bears N. and S.
9.30	Rattlesnake Ridge, bears N. and S.; desc. 113 ft. over SW. slope.
13.90	Wash, in draw, 10 lks. wide, course NW.
18.10	Wash, in draw, 15 lks. wide, course N.; asc. 30 ft. over E. slope.
25.80	Spur, slopes N.; desc. 235 ft. over W. slope.
36.90	Squaw Creek, 1 ch. wide, course N.
37.24	Point for the cor. of secs. 32 and 33, 80 chs. west in latitude from the cor. of secs. 33 and 34 on the south boundary of T. 7 S., R. 20 E.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T7SR20E S32   S33 S4 T8S 1955
	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
40.00	The cor. of secs. 4 and 5, T. 8 S., R. 20 E., monumented with an iron post, set and marked as described in the official record.
	Land, rolling, mountainous. Soil, rocky clay. Timber, very scattered pinon. Undergrowth, catclaw, mesquite, cacti, and grass.
	West, on the north boundary of sec. 5.
	Asc. 88 ft. over E. slope.
6.00	Slope changes to NE.; asc. 284.
21.00	Spur, slopes NE.; desc. 47 ft. over W. slope.
33.30	Wash, in draw, 20 lks. wide, 3 ft. deep, course NE.; asc. 42 ft. over E. slope.
38.55	Spur, slopes N.; over broken N. slope.
40.42	The $\frac{1}{4}$ sec. cor. of sec. 5, monumented with an iron post, set and marked as described in the official record.
	West, beginning new measurement.
10.50	Wash, 1 ch. wide, 4 ft. deep, course N. 75° E.; asc. 152 ft. over broken NE. slope.
33.70	Spur, slopes S. 80° E.; desc. 123 ft. over SW. slope.
39.98	The cor. of secs. 5 and 6, T. 7 S., R. 20 E., monumented with an iron post, set and marked as described in the official record.

Survey of the S. Bdy., T. 7 S., R. 20 E.

Chains

Land, rolling, mountainous.  
 Soil, rocky clay.  
 Timber, very scattered pinon.  
 Undergrowth, catclaw, mesquite, cacti, and grass.

Partial Subdivision, T. 7 S., R. 20 E.

From the cor. of secs. 32 and 33, on the south boundary of the township, heretofore described.

N. 0° 05' E., bet. secs. 32 and 33.

Asc. 179 ft. over broken E. slope.

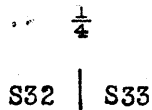
20.00 Spur, slopes E.; desc. 157 ft. over NNE. slope.

24.50 Wash, in canyon, 30 lks. wide, course E.; asc. 219 ft. over SE. slope.

33.30 Spur, slopes E.; desc. 33 ft. over ENE slope.

40.81 Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground, and in a mound of stone to top, with brass cap mkd.



1955

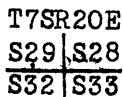
41.00 Small draw, course E.; asc. 190 ft. over broken E. slope.

80.30 Spur, slopes E.

80.81 The cor. of secs. 28, 29, 32, and 33, monumented with a cobblestone, 16x10x6 ins., properly marked.

At the cor. point.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, and in a mound of stone to top, with brass cap mkd.



1955

Bury the original cor. alongside the iron post.

Land, rolling ridges.  
 Soil, rocky clay.  
 Timber, none.  
 Undergrowth, catclaw, mesquite, cacti, and grass.

West, bet. secs. 29 and 32, establishing sectional correction line.

Desc. 40 ft. over N. slope.

12.90 Small wash, course NE.; asc. 124 ft. over N. slope.

## Partial Subdivision, T. 7 S., R 20 E.

## Chains

- 22.00 Top of ascent; desc. 61 ft. over N. slope.
- 31.30 Small draw, course NE.; asc. 125 ft. over SSE. slope of spur.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.  
Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. in diam., 15 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
- $\frac{1}{4}$   $\frac{S\ 29}{S\ 32}$   
1955
- Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, N. of cor.  
Asc. 49 ft. over SSE. slope.
- 43.20 Spur, slopes N.  $50^{\circ}$  E.; desc. 76 ft. over NW. slope.
- 48.30 Wash, in draw, 20 lks. wide, course N.  $20^{\circ}$  E.
- 55.20 Wash, in draw, course N.  $80^{\circ}$  E.; asc. 69 ft. over SE. slope.
- 58.70 Spur, slopes NE.; desc. 127 ft. over W. slope.
- 65.80 Wash, 20 lks. wide, 4 ft. deep, course N.  $20^{\circ}$  E.; asc. 197 ft. over E. slope.
- 80.00 Point for the cor. of secs. 29, 30, 31, and 32.  
Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, with brass cap mkd.
- T7SR20E  
S30 | S29  
S31 | S32  
1955
- Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.  
Land, rolling ridges.  
Soil, rocky clay.  
Timber, scattered pinon and juniper.  
Undergrowth, catclaw, mesquite, cacti, and grass.
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- S.  $0^{\circ} 03'$  E., bet. secs. 31 and 32.  
Desc. 90 ft. over S. slope.
- 8.00 Draw, course S.  $80^{\circ}$  E.; asc. 65 ft. over N. slope.
- 11.50 Spur, slopes E.; desc. 73 ft. over S. slope.
- 17.80 Wash, 20 lks. wide, 3 ft. deep, course NE.; asc. 160 ft. over N. slope.
- 26.60 Spur, slopes NE.; desc. 83 ft. over S. slope.
- 35.70 Wash, 10 lks. wide, 4 ft. deep, course E.; asc. 115 ft. over N. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 32.  
Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground, with brass cap mkd.

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## Partial Subdivision, T. 7 S., R. 20 E.

Chains

 $\frac{1}{4}$ 

S31 | S32 . . . . .

1955

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

41.60 Spur, slopes E.; desc. 92 ft. over S. slope.

45.40 Draw, course S. 80° E.; asc. 62 ft. over N. slope.

50.50 Spur, slopes E.; desc. 80 ft. over S. slope.

55.80 Wash, 15 lks. wide, 3 ft. deep, course ENE.; asc. 206 ft. over N. slope.

66.70 Spur, slopes ENE.; desc. 49 ft. over S. slope.

71.20 Head of draw, course E.

80.81 Intersect the south boundary of the township.

Point for the closing cor. of secs. 31 and 32.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

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T7SR20E

S31 | S32

S5

T8S

1955

From above point, the cor. of secs. 5 and 6, T. 8 S., R. 20 E., bears west, 3.18 chs. dist.

Land, rolling ridges.

Soil, rocky clay.

Timber, scattered pinon and juniper.

Undergrowth, catclaw, mesquite, cacti, and grass

At a point midway between the cors. of secs. 32 and 33 and the closing cor. of secs. 31 and 32, point for the  $\frac{1}{4}$  sec. cor. of sec. 32.Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, with brass cap mkd. $\frac{1}{4}$  S 32

1955

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, N. of cor.From above point, the  $\frac{1}{4}$  sec. cor. of sec. 5, bears west, 3.19 chs. dist. and is monumented with an iron post set and marked as described in the official record.

General Description

T. 7 S., R. 20 E. is bisected from the northwest corner to the southeast corner by Aravaipa Valley, which is excellent farming land, irrigated partially by water from Aravaipa Creek and partially by irrigation wells. The principal crops are hay and grain. The northeast portion and the southwest portion of T. 7 S., R. 20 E. which lies outside of Aravaipa Valley, is rolling, rocky, conglomerate ridges with deep dry washes, and gullies covered to some extent with scattered timber and brush, with fair to good grass. Aravaipa Valley is populated with small ranches.





