

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Original

FIELD NOTES

of the Survey of the

South boundary

and a

Portion of the Subdivision

of

Township 8 North, Range 12 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Leslie H. Godwin, Cartographer (Cadastral)

Donald E. Harding, Cartographer

Under special instructions dated January 25, 1955, which provided  
for the surveys included under Group No. 303, approved January 25, 1955  
and assignment instructions dated January 3, 1956.

Survey commenced January 30, 1956

Survey completed February 23, 1956

2 (1A)

4521

BOOK 4521

# INDEX DIAGRAM

Township 8 North, Range 12 West

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## Township 8 North, Range 12 West

Chains

The north boundary ( Second Standard Parallel North) was originally surveyed by A. N. Oliver in 1911, except the extreme west portion which was surveyed by J. F. Hesse in 1911. Partial resurveys were made by Thorn, Kierulff, and Wilkes in 1914.

The west boundary was surveyed by W. H. Thorn in 1914, and the east boundary by R. F. Moss in 1940.

The following field notes are those of the south boundary and a portion of the subdivision of T. 8 N., R. 12 W.

For the test of the instruments and methods used, see the notes for the survey of T. 9 N., R. 16 W.

The geographic position of the SE. cor. of the township is latitude  $33^{\circ} 59' 09''$  N., and longitude  $113^{\circ} 27' 09''$  W., as determined by the plat of the partial survey of T. 7 N., R. 12 W., approved December 30, 1915. The mean magnetic declination is  $15^{\circ} 00'$  E.

## South Boundary of T. 8 N., R. 12 W.

Beginning at the cor. of Ts. 7 and 8 N., Rs. 11 and 12 W., a 3 in. iron post, set, mkd. and witnessed as described in the official record.

N.  $89^{\circ} 50'$  W., bet. secs. 1 and 36.

Over mountainous land, through scattered undergrowth.

Asc. 330 ft. over broken E. slope.

12.80 Spur, slopes S.

16.40 Rocky spur, slopes S.  $10^{\circ}$  W.

18.00 Wash, 10 lks. wide, 18 ins. deep, drains S.

21.40 Spur, slopes S.

26.00 Spur, slopes S.; desc. 110 ft. over W. slope.

31.50 Bottom of slope; asc. 70 ft. over broken E. slope to cor. point.

33.90 Rocky spur, slopes S.

38.80 Spur, slopes S.  $10^{\circ}$  W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over cross (X) on solid rock and in a mound of stone,  $3\frac{1}{2}$  ft. base, to top, with brass cap mkd.

$\frac{1}{4}$   $\frac{S 36}{S 1}$   
1956

Desc. 170 ft. over rocky broken S. slope.

45.20 Wash, 20 lks. wide, 16 ins. deep, drains S.  $20^{\circ}$  W.

50.80 Rocky spur, slopes S.  $20^{\circ}$  W.

54.00 Spur, slopes S.

55.60 Wash, 25 lks. wide, 14 ins. deep, drains S.

## South Boundary, T. 8 N., R. 12 W.

Chains										
60.20	Old road, bears N. and S.									
65.30	Wash, 30 lks. wide, 8 ins. deep, drains S.; asc. 130 ft. over rocky E. slope to cor. point.									
80.00	Point for the cor. of secs. 1, 2, 35 and 36.  Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 5 ins. in the ground to bedrock and in a mound of stone, 3 $\frac{1}{2}$ ft. base, to top, with brass cap mkd.									
	<table border="1"> <tr><td>T8N</td><td>R12W</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td>S 2</td><td>S 1</td></tr> </table> <p>T7N 1956</p>	T8N	R12W	S35	S36	S 2	S 1			
T8N	R12W									
S35	S36									
S 2	S 1									
	Land, mountainous. Soil, gravelly and rocky. Vegetation, palo verde, saguaro, other cacti, ironwood and greasewood.									
	N. 89° 50' W., bet. secs. 2 and 35.  Over steep mountainous land, through scattered undergrowth.  Continue ascent; asc. E. slope 90 ft.									
7.50	Slope changes; asc. 475 ft. over NE. slope.									
24.90	Rocky ridge, bears N. and S.; desc. 370 ft. over steep rocky W. slope to cor. point.									
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35.  Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 3 $\frac{1}{2}$ ft. base, to top, with brass cap mkd.									
	<table border="1"> <tr><td><math>\frac{1}{4}</math></td><td>S35</td></tr> <tr><td></td><td>S 2</td></tr> </table> <p>1956</p>	$\frac{1}{4}$	S35		S 2					
$\frac{1}{4}$	S35									
	S 2									
	Continue descent; desc. 140 ft. over S. slope.									
50.40	Wash, 60 lks. wide, 12 ins. deep, drains S.; asc. 250 ft. over E. slope.									
67.80	Spur, slopes SE.; asc. 75 ft. over S. slope.									
79.10	Spur, slopes S. 30° E.									
80.00	Point for the cor. of secs. 2, 3, 34 and 35.  Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 3 $\frac{1}{2}$ ft. base, to top, with brass cap mkd.									
	<table border="1"> <tr><td>I 2</td><td>T8N</td><td>R12W</td></tr> <tr><td></td><td>S34</td><td>S35</td></tr> <tr><td></td><td>S 3</td><td>S 2</td></tr> </table> <p>T7N 1956</p>	I 2	T8N	R12W		S34	S35		S 3	S 2
I 2	T8N	R12W								
	S34	S35								
	S 3	S 2								
	Land, mountainous. Soil, gravelly and rocky. Vegetation, scattered palo verde, ironwood, saguaro and other cacti, and greasewood.									

## South Boundary, T. 8 N., R. 12 W.

## Chains

N. 89° 50' W., bet. secs. 3 and 34.

Over mountainous land, thru scattered undergrowth.

Asc. 140 ft. over steep, rocky E. slope.

7.70 Wash, 10 lks. wide, 12 ins. deep, drains S. 60° E.; continue ascent, asc. 320 ft. over rocky E. slope.

16.80 Spur, slopes S. 30° E.; desc. 190 ft. over W. slope.

23.00 Wash, drains S. 30° E.; asc. 200 ft. over E. slope.

35.00 Base of nearly vertical cliff 625 ft. high.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, falls on face of cliff, at point impossible to monument.

40.66 Point selected for witness  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, falls on edge of cliff.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to bedrock and in a mound of stone, 5 ft. base, to top, with brass cap mkd.

$$\frac{1}{4} \begin{array}{c} \text{S34} \\ \text{S 3} \\ 1956 \end{array} \begin{array}{c} \text{W} \\ \text{C} \end{array}$$

Continue to ascend; asc. 200 ft. over broken E. slope to top of ridge.

56.00 Ridge, bears N. and S.

60.60 Begin descent; desc. 300 ft. over NW. slope.

76.30 Wash, 15 lks. wide, 14 ins. deep, drains S.

80.00 Point for the cor. of secs. 3, 4, 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

$$\begin{array}{c} \text{T8N R12W} \\ \text{S33 | S34} \\ \text{S 4 | S 3} \\ \text{T7N} \\ 1956 \end{array}$$

Land, mountainous.

Soil, gravelly and rocky.

Vegetation, scattered palo verde, scrub oak, short brush, saguaro, and other cacti.

N. 89° 50' W., bet. secs. 4 and 33.

Over mountainous land, thru scattered undergrowth.

Asc. 370 ft. over E. slope.

19.40 Ridge, bears S. 10° W. and N. 10° E.; desc. 330 ft. over steep W. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock and in a mound of stone,  $3\frac{1}{2}$  ft. base, to top, with brass cap mkd.

South Boundary, T. 8 N., R. 12 W.

Chains

$\frac{1}{4}$  S33  
S 4

1956

Asc. 65 ft. over steep, rocky S. slope.

51.50 Spur, slopes S. 20° W.; desc. 90 ft. over steep S. slope.

61.40 Spur, slopes S.; desc. 50 ft. over S. slope.

68.50 Spur, slopes S.; asc. 20 ft. over S. slope.

73.50 Spur, slopes S.; desc. 15 ft. over S. slope.

75.40 Rocky spur, slopes S. 10° E.; desc. 80 ft. over SW. slope to cor. point.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T8N R12W

S32 | S33

S 5 | S 4

T7N

1956

Land, mountainous.

Soil, gravelly and rocky.

Vegetation, scattered palo verde, ironwood, and cacti.

N. 89° 50' W., bet. secs. 5 and 32.

Over mountainous land, thru scattered undergrowth.

Asc. 160 ft. over steep, rocky E. slope.

4.30 Rocky spur, slopes S. 40° E.; continue ascent, asc. 150 ft. over E. slope.

9.70 Ridge, bears N. 10° E. and S. 10° W.; desc. 600 ft. over W. slope.

35.90 Wash, 20 lks. wide, 1 ft. deep, drains N. 10° E.; asc. 100 ft. over E. slope.

40.00 Point for the ¼ sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

$\frac{1}{4}$  S32  
S 5

1956

Continue ascent; asc. 120 ft. over E. slope.

43.40 Spur, slopes N.; desc. 360 ft. over steep, rocky W. slope.

53.80 Wash, 15 lks. wide, 2 ft. deep, drains N. 10° E.; asc. 65 ft. over E. slope.

56.70 Rocky spur, slopes N.; desc. 150 ft. over N. slope.

69.20 Spur, slopes N.

## South Boundary, T. 8 N., R. 12 W.

## Chains

70.20 Wash, 20 lks. wide, 2 ft. deep, drains N. 20° E.; asc. 160 ft. over E. slope.

75.30 Spur, slopes N.; desc. 100 ft. over steep rocky N. slope.

79.90 Spur, slopes N.

80.00 Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T8N R12W

S31 | S32

S 6 | S 5

T7N

1956

Land, mountainous.

Soil, rocky and gravelly.

Vegetation, palo verde, ironwood, cacti and grass.

N. 89° 50' W., bet. secs. 6 and 31.

Over steep mountainous land, thru scattered undergrowth.

Desc. 74 ft. over NW. slope.

2.20 Wash, 15 lks. wide, 1 ft. deep, drains N. 10° E.; asc. 300 ft. over broken E. slope to top of ridge.

7.10 Spur, slopes N.

12.00 Ridge, bears N. 30° W. and S. 30° E.; desc. 860 ft. over steep W. slope to cor. point.

40.00 Point for the ¼ sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top, with brass cap mkd.

¼ | S31

S 6

1956

Continue descent; desc. 22 ft.

41.00 Wash, 25 lks. wide, 6 ins. deep, drains NW.; asc. 35 ft. over NE. slope.

43.80 Rocky spur, slopes N. 50° W.; desc. 390 ft. over NW. slope.

54.80 Wash, 10 lks. wide, 1 ft. deep, drains NW.; asc. 70 ft. over ENE. slope.

60.40 Spur, slopes N. 70° W.; desc. 130 ft. over W. slope.

65.40 Wash, 30 lks. wide, 1 ft. deep, drains N. 80° W.; asc. 300 ft. over steep, rocky E. slope.

78.06 The cor. of Tps. 7 and 8 N., Rs. 12 and 13 W.; an iron post, set, mkd. and witnessed, as described in the official record.

Land, mountainous.

Soil, rocky and gravelly.

Vegetation, palo verde, ironwood, cacti and grass.

## Portion of the Subdivision, T. 8 N., R. 12 W.

Chains	
	Beginning at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township, as heretofore described.
	N. 0° 02' W., bet. secs. 32 and 33.
	Over steep mountainous land, thru scattered undergrowth.
	Asc. 365 ft. over S. slope.
8.20	Spur, slopes S. 50° E.; desc. 85 ft. over N. slope.
13.50	Bottom of slope; asc. 200 ft. over S. slope.
27.00	Ridge, bears S. 20° W. and N. 20° E.; desc. 620 ft. over steep, rocky NNE. slope to cor. point.
40.00	Point for the cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 1 in. in the ground to bedrock and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	$\frac{1}{4}$ S32   S33 1956
	Continue descent; desc. 550 ft. over steep, rocky NE. slope.
57.80	Wash, 5 lks. wide, 3 ft. deep, drains N. 70° E.; asc. 105 ft. over SSE. slope.
62.90	Spur, slopes N. 50° E.; desc. 380 ft. over steep, rocky E. slope of ridge.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 3 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T8N R12W S29   S28 S32   S33 1956
	Land, mountainous. Soil, gravelly and rocky. Vegetation, palo verde, greasewood and cacti.
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the township.
	N. 0° 03' W., bet. secs. 31 and 32.
	Over mountainous land, thru scattered undergrowth.
	Desc. 270 ft. over W. slope of spur.
12.70	Wash, 10 lks. wide, 2 ft. deep, drains NE. .50 lks. into main wash; desc. 150 ft. over W. side of main wash.
20.80	Main wash, 30 lks. wide, 4 ft. deep, drains N. 70° E.; asc. abruptly over vertical wall 25 ft. high, and then desc. 120 ft. over moderate E. slope of ridge.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

## Portion of the Subdivision, T. 8 N., R. 12 W.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 2 ins. in the ground to bedrock and in a mound of stone,  $3\frac{1}{2}$  ft. base, to top, with brass cap mkd.

$\frac{1}{4}$

S31|S32

1956

Continue descent; desc. 80 ft. over moderate E. slope.

52.00

Spur, slopes N.  $40^{\circ}$  E.; desc. 60 ft. over E. slope.

55.60

Wash, 20 lks. wide, 1 ft. deep, drains N.  $30^{\circ}$  E.; desc. 165 ft. over E. slope to cor. point.

80.00

Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T8N R12W

S30|S29

S31|S32

1956

Land, broken.

Soil, rocky and gravelly.

Vegetation, greasewood and cacti.

From the cor. of secs. 28, 29, 32 and 33.

N.  $89^{\circ} 52'$  W., bet. secs. 29 and 32.

Over mountainous land, thru scattered undergrowth.

Asc. 530 ft. over steep, rocky broken E. slope.

17.60

Ridge, bears N.  $20^{\circ}$  W. and S.  $20^{\circ}$  E.; desc. abruptly 750 ft. over steep, rocky broken W. slope to cor. point.

39.95

Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground, to bedrock and in a mound of stone,  $3\frac{1}{2}$  ft. base, to top, with brass cap mkd.

$\frac{1}{4}$   $\frac{S29}{S32}$

1956

Continue descent; desc. 370 ft. over broken, NW. slope.

45.70

Wash, 20 lks. wide, 4 ft. deep, drains N.  $30^{\circ}$  W.

58.40

Wash, 10 lks. wide, 3 ft. deep, drains N.  $20^{\circ}$  W.

74.20

Wash, 20 lks. wide, 1 ft. deep, drains N.  $40^{\circ}$  W.; begin ascent of E. slope.

79.90

The cor. of secs. 29, 30, 31 and 32.

Land, broken.

Soil, rocky.

Vegetation, greasewood and cacti.

General Description, T. 8 N., R. 12 W.

Chains

The land included in the survey of the south boundary and a portion of the subdivision of T. 8 N., R. 12 W. is entirely within the Harcuvar mountains. The soil consists mainly of rocks and gravel, with small amounts of sandy loam present in spots.

Drainage along the south boundary of the township is mostly in a southerly direction with the exception of the south boundaries of secs. 31 and 32 where drainage is in a northerly direction. The Main divide passes through the SE. cor. of sec. 32 making the drainage in the SE. cor. of this sec. go toward a southerly direction and the drainage in the rest of the sec. go toward a northerly direction. There is no perennial water supply.

Vegetation consists mainly of greasewood, palo verde, cacti, and some grass.

There are no hard surfaced roads in this portion of the township. One old jeep road crosses the south boundary of sec. 36. Going south it connects with a power line road that junctions with a gravel road from Wenden and U. S. Highway 60-70.

There is much evidence of mineral prospecting in this portion of the township, and there are several mines that show evidence of having been worked near the south boundary of sec. 31.



CERTIFICATE OF CADASTRAL ENGINEER

I, Leslie H. Godwin, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25th day of January, 1955, I have surveyed the south boundary and a portion of the subdivision of Township 8 North, Range 12 West.

of the G & S R Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said 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.

August 1, 1956
Salt Lake City, Utah

Leslie H. Godwin
Leslie H. Godwin
Cartographer (Cadastral)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., 19

The foregoing field notes of the survey of
executed by
having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.

