

63 4514

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Original

FIELD NOTES

of the

Survey of the West Boundary

and a

Portion of the Subdivision

of

Township 40 North, Range 12 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Paul K. Russell, Cartographic Survey Aid

Under special instructions dated September 22, 1954, which provided  
for the surveys included under Group No. 295, approved September 27, 1954  
and assignment instructions dated November 23, 1955

Survey commenced December 20, 1955

Survey completed January 12, 1956

BOOK 4514

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Township 40 North, Range 12 West

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## Township 40 North, Range 12 West

## Chains

The greater portion of the north boundary of T. 40 N., R. 12 W., (Tenth Standard Parallel North) was surveyed by J. P. Davis in 1921. The eastern portion of the Tenth Standard Parallel North in R. 12 W. was surveyed by H. M. Muscott in 1939. The south boundary was surveyed by B. J. Kinsey in 1926. The east boundary was concurrently surveyed by Paul K. Russell, under Group 295, Arizona, and its record appears in the field note record of the survey of the west boundary of T. 40 N., R. 11 W.

The following notes are those of the survey of the west boundary, the third meridional line and section 16, T. 40 N., R. 12 W., Gila and Salt River Meridian, Arizona, undertaken at the request of the Arizona State Land Department for the monumentation of certain school sections, and also to benefit the operating division of the Bureau of Land Management, particularly Range Management.

The survey was executed with W. and L. E. Gurley transit No. 481347. It is equipped with full vertical circle and improved Smith-type telescopic solar attachment, and conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the progress of the survey.

The directions of all lines herein reported are determined by deflecting from meridians established by observations upon Polaris and the sun throughout the survey.

Measurements were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 5 links. The tape was tested by comparison with a one-chain standard steel tape and found correct. All measurements were made on the slope and the vertical angle of each interval ascertained by a clinometer in good adjustment; the horizontal equivalents alone are entered in the field note record.

The geographic position of the southeast corner of the township is latitude  $36^{\circ} 49' 06.960''$  N. and longitude  $113^{\circ} 31' 33.331''$  W., as computed from a tie to U.S.C. & G.S. triangulation station "Red Bluff", located in sec. 33, T. 40 N., R. 11 W.

The mean magnetic declination was found to be  $15^{\circ} 30'$  E.

## Survey of the West Boundary, T. 40 N., R. 12 W.

Beginning at the cor. of Ts. 39 and 40 N., Rs. 12 and 13 W., a 3 in. iron post, set, mkd. and witnessed as described in the official record.

North, bet. secs. 31 and 36.

Desc. 112 ft. over NNW. slope, through dense timber.

4.70 Small wash, drains N.  $50^{\circ}$  E.

33.70 Rim of bench, faces N.  $10^{\circ}$  W.; desc. 214 ft. over boulder strewn N.  $10^{\circ}$  W. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, at bottom of slope.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

## BOOK 4514

W. Bdy., T. 40 N., R. 12 W.

Chains	
	$\frac{1}{4}$ S36   S31 1956
45.20	N. edge of small bench; desc. 419 ft. over NNW. slope to sec. cor.
54.10	N. edge of another bench.
61.40	W. side of small knoll.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.  <div style="text-align: center;">           T40N            R13W R12W            S25   S30            S36   S31            1956         </div>
	from which
	A juniper, 8 ins. diam., bears N. $52^{\circ}$ E., 53 lks. dist., mkd. T40N R12W S30 BT.
	A pinon, 6 ins. diam., bears S. $56^{\circ} 30'$ E., 31 lks. dist., mkd. T40N R12W S31 BT.
	A pinon, 8 ins. diam., bears S. $43^{\circ} 45'$ W., 42 lks. dist., mkd. T40N R13W S36 BT.
	A juniper, 10 ins. diam., bears N. $47^{\circ} 15'$ W., 16 lks. dist., mkd. T40N R13W S25 BT.
	Land, mountainous. Soil, gravelly and boulder strewn. Timber, dense juniper and pinon; undergrowth, black brush, sagebrush, sparse grass and scattered manzanita.
	North, bet. secs. 25 and 30.
	Desc. 189 ft. over N. slope, through heavy timber.
13.50	Wash, 40 lks. wide, 10 ft. deep, in bottom of canyon, drains N. $60^{\circ}$ W.; asc. 531 ft. over talus SW. slope; leave dense timber, enter medium dense to scattered timber.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 30.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.  <div style="text-align: center;"> <math>\frac{1}{4}</math>            S25   S30            1956         </div>
	Asc. 276 ft. over talus SW. slope.
52.30	Top of slope, spur, projects N. $50^{\circ}$ W., enter dense timber; desc. 177 ft. over NW. slope.

W. Bdy., T. 40 N., R. 12 W.

Chains

65.00 Rim of bench; desc. 452 ft. over steep NW. slope to sec. cor..

80.00 Point for the cor. of secs. 19, 24, 25 and 30.

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

T4ON	
R13W	R12W
S24	S19
S25	S30
1956	

Land, mountainous, talus slopes.

Soil, rocky.

Timber, juniper and pinon; undergrowth, Brigham tea, sagebrush, and medium grass.

North, bet. secs. 19 and 24.

Over talus W. slope; through medium dense timber.

2.00 Small draw, drains N. 70° W.; leave timber.

40.00 Point for the ¼ sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

¼	
S24	S19
1956	

Desc. 333 ft. over NW. slope to sec. cor.

64.00 Small white draw, drains W.

72.50 Small deep draw, drains NW.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T4ON	
R13W	R12W
S13	S18
S24	S19
1956	

Land, mountainous.

Soil, rocky.

Timber, scattered juniper and pinon; undergrowth, black brush, sagebrush, Brigham tea, and sparse grass.

North, bet. secs. 13 and 18.

Desc. 9 ft. over NW. slope.

.70 Small draw, drains W.; asc. 112 ft. over SW. slope.

W. Bdy., T. 40 N., R. 12 W.

Chains

4.50 Spur, projects W.; desc. 64 ft. over NW. slope.

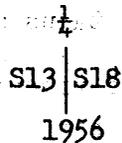
5.80 Small draw, drains W.; desc. 34 ft. over NW. slope.

13.40 Small draw, drains W.; asc. 502 ft. over SW. slope.

35.60 Rim of bench, faces SW.; asc. 10 ft. to cor.

40.00 Point for the 1/4 sec. cor. of secs. 13 and 18.

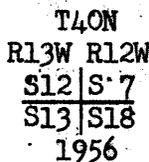
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.



Desc. 173 ft. over N. slope to sec. cor.

80.00 Point for the cor. of secs. 7, 12, 13 and 18, at base of slope.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.



Land, mountainous.  
Soil, gravelly and rocky.  
Timber, thinly scattered juniper and pinon; undergrowth, black brush, sagebrush, Brigham tea and sparse grass.

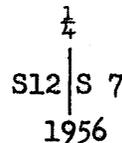
North, bet. secs. 7 and 12.

Over large sagebrush bench; asc. 71 ft. over gentle SE. slope.

29.70 Small draw, drains SE.

40.00 Point for the 1/4 sec. cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.



Asc. 50 ft. over gentle SE. slope to sec. cor.

50.60 Deep cow trail, bears S. 50° E. and N. 70° W.

80.00 Point for the cor. of secs. 1, 6, 7 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

W. Bdy., T. 40 N., R. 12 W.

Chains

T40N  
R13W R12W  
S 1 | S 6  
S12 | S 7  
1956

Land, rolling.  
Soil, gravelly and rocky.  
Timber, thinly scattered juniper; undergrowth, black brush, sagebrush, Brigham tea and medium grass.

North, bet. sec. 1 and 6.

Asc. 49 ft. over gentle SW. slope to  $\frac{1}{4}$  sec. cor.

10.80 Small draw, drains S. 30° W.

35.60 Small wash, 3 lks. wide, 2 ft. deep, drains W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6.

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 to top, with brass cap mkd.

$\frac{1}{4}$   
S 1 | S 6  
1956

Desc. 61 ft. over gentle NE. slope.

64.68 Intersect the Tenth Standard Parallel North.

Point for the closing cor. of T. 40 N., Rs. 12 and 13 W.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T41N R12W  
S31  
S 1 | S 6  
R13W R12W  
T40N  
CC  
1956

From point of intersection, the standard  $\frac{1}{4}$  sec. cor. on the S. bdy. of sec. 31, T. 41 N., R. 12 W., bears West, 11.77 chs. dist., and is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

From the same point, the standard cor. of secs. 31 and 32, bears East, 28.33 chs. dist., and is monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

Land, rolling.  
Soil, gravelly and rocky.  
Timber, none; undergrowth, sagebrush, black brush and sparse grass.

Survey of a Portion of the Subdivision of T. 40 N., R. 12 W.

Subdivision, T. 40 N., R. 12 W.

Chains

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., a 2 ins. iron post, set, mkd. and witnessed as described in the official record.

N. 0° 02' W., bet. secs. 33 and 34.

Asc. 390 ft. over S. slope.

2.20 Road, bears S. 70° E., and S. 30° W.

17.00 S. rim of spur, projects E.; thence through heavy timber.

35.00 N. rim of spur; desc. 125 ft. over N. slope to  $\frac{1}{4}$  sec. cor.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.



from which

A cedar, 5 ins. diam., bears N. 86° 45' E., 14 lks. dist., mkd.  $\frac{1}{4}$  S34 BT.

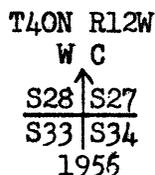
A pinon, 10 ins. diam., bears S. 13° 30' W., 3 lks. dist., mkd.  $\frac{1}{4}$  S33 BT.

Desc. 249 ft. over NW. slope.

44.70 Small draw, drains N. 60° W.; desc. 403 ft. over NW. slope.

79.80 Point selected for the witness cor. to secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.



80.00 True point for the cor. of secs. 27, 28, 33 and 34, falls in wash, 20 lks. wide,  $2\frac{1}{2}$  ft. deep, drains NE., where it is impracticable to establish a monument.

land, mountainous.

Soil, gravelly and clay.

Timber, juniper and pinon; undergrowth, black brush, bitterbrush, sagebrush and sparse grass.

N. 0° 02' W., bet. secs. 27 and 28.

Desc. 51 ft. to wash.

4.50 Wash, 17 lks. wide, 3 ft. deep, drains NE.; desc. 36 ft. to draw.

8.50 Draw, drains N. 60° E.; asc. 55 ft. over ESE. slope.

## Subdivision, T. 40 N., R. 12 W.

## Chains

- 24.40 Slope changes to E.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
- $$\begin{array}{c} \frac{1}{4} \\ \text{S28} | \text{S27} \\ 1955 \end{array}$$
- from which
- A juniper, 10 ins. diam., bears N.  $58^{\circ} 45'$  E., 83 lks. dist., mkd.  $\frac{1}{4}$  S27 BT.
- A juniper, 6 ins. diam., bears West, 58 lks. dist., mkd.  $\frac{1}{4}$  S28 BT.
- Desc. 365 ft. over rolling NNE. slope to sec. cor.
- 46.20 Leave medium dense timber, enter scattered timber and open spurs and draws.
- 49.20 Draw, drains N.  $70^{\circ}$  E.
- 53.60 Spur, projects N.  $60^{\circ}$  E.
- 58.50 Old wagon road, bears S.  $80^{\circ}$  E. and N.  $70^{\circ}$  W.
- 80.00 Point for the cor. of secs. 21, 22, 27 and 28.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
- $$\begin{array}{c} \text{T40N R12W} \\ \text{S21} | \text{S22} \\ \text{S28} | \text{S27} \\ 1955 \end{array}$$
- Land, mountainous.  
Soil, gravelly.  
Timber, juniper and pinon; undergrowth, black brush, yellow brush, sagebrush, Brigham tea and sparse grass.
- 
- N.  $0^{\circ} 02'$  W., bet. secs. 21 and 22.
- Desc. 180 ft. over ENE. slope to  $\frac{1}{4}$  sec. cor.
- 14.60 Spur, projects N.
- 39.40 Limestone tip of spur, projects N.; desc. NE. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S21} | \text{S22} \\ 1955 \end{array}$$

## Subdivision, T. 40 N., R. 12 W.

## Chains

- 41.50 Main wash, 30 lks. wide, 3 ft. deep, drains generally N.
- 51.70 Limestone rim, faces NE.; desc. NE. slope.
- 53.80 Main wash, drains N. 25° W.; asc. WSW. slope.
- 73.60 Limestone rim, faces SW.
- 80.00 Point for the cor. of secs. 15, 16, 21 and 22.

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

T40N R12W  
S16|S15  
S21|S22  
1955

Land, rolling.

Soil, gravelly.

Timber, none; undergrowth, black brush, sagebrush and sparse grass.

N. 0° 02' W., bet. secs. 15 and 16.

Desc. 282 ft. over NE. slope to ¼ sec. cor.

- 40.00 Point for the ¼ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

¼  
S16|S15  
1955

- 43.30 Main wash, drains N. 25° E.; desc. 63 ft. over ENE. slope to cor.

- 56.90 Wash, 20 lks. wide, 1 ft. deep, drains N. 80° E., about 2.20 chs. to main wash.

- 76.90 Wash, 5 lks. wide, 3 ft. deep, drains N. 70° E.

- 80.00 Point for the cor. of secs. 9, 10, 15 and 16, on top of spur projecting NW.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T40N R12W  
S 9|S10  
S16|S15  
1955

Land, rolling.

Soil, gravelly.

Timber, thinly scattered juniper and pinon; undergrowth, black brush, Brigham tea, Spanish bayonet and sparse grass.

N. 0° 02' W., bet. secs. 9 and 10.

Asc. 176 ft. over rolling SSE. slope to ¼ sec. cor.

## Subdivision, T. 40 N., R. 12 W.

Chains	
5.50	Wash, 17 lks. wide, 4 ft. deep, drains N. 80° E.
13.80	Spur, projects S. 50° E.
26.90	Wash, 6 lks. wide, 2 ft. deep, drains E.
39.70	Spur, projects N. 60° E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over X on solid sandstone, and in a mound of stone to top, with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ S\ 9\   \ S\ 10 \\ 1955 \end{array}$
	Desc. 107 ft. over rolling N. slope to sec. cor.
72.90	Spur, projects N. 30° E.; desc. NW. slope.
79.40	Wash, 10 lks. wide, 20 ft. high limestone walls, drains NE.
79.90	Point selected for the witness cor. to secs. 3, 4, 9 and 10.
	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 to top, with brass cap mkd.
	$\begin{array}{c} T40N\ R12W \\ W\ C \\ S\ 4\   \ S\ 3 \\ S\ 9\   \ S\ 10 \\ 1955 \end{array}$
80.00	True point for the cor. of secs. 3, 4, 9 and 10, falls on the face of a ledge, where it is impossible to establish a monument.
	Land, rolling. Soil, gravelly. Timber, none; undergrowth, black brush, yellow brush, Spanish bayonet.
	N. 0° 02' W., bet. secs. 3 and 4.
	Desc. 154 ft. over rolling spurs and draws.
11.70	Old road, not usable, bears NE. and SW.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ S\ 4\   \ S\ 3 \\ 1955 \end{array}$
40.70	Draw, course, N. 70° E.
44.30	Spur, projects N. 80° E.

## Subdivision, T. 40 N., R. 12 W.

Chains

- 44.70 Wash, 10 lks. wide, 10 ft. deep, drains E., approximately 6.00 chs. west to spring house, on N. edge of wash; asc. 67 ft. over SE. slope to cor.
- 50.00 Fence, 3 strands barbed wire, bears E. and W.
- 65.40 Intersect the Tenth Standard Parallel North.
- Point for the closing cor. of secs. 3 and 4.
- Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T41N R12W

S34
S 4   S 3
T40N
CC
1955

From the point of intersection, the standard ¼ sec. cor. of sec. 34 bears West, 11.68 chs. dist., and is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

From this same point, the standard cor. of secs. 33 and 34, bears East, 28.32 chs. dist., and is monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

Land, rolling.

Soil, gravelly.

Timber, none; undergrowth, black brush, yellow brush and Spanish bayonet.

From the cor. of secs. 15, 16, 21 and 22.

N. 89° 58' W., bet. secs. 16 and 21.

Desc. 214 ft. over W. slope.

- 5.20 Limestone rim, faces W.
- 10.40 Main wash, 17 lks. wide, 5 ft. deep, drains N. 10° W.; asc. 140 ft. over E. slope.
- 17.70 Spur, projects N. 10° W.; desc. 73 ft. over W. slope.
- 22.10 Wash, 10 lks. wide, 3 ft. deep, drains N. 20° W.; asc. 110 ft. over E. slope.
- 30.00 Spur, projects N.; desc. 74 ft. over W. slope.
- 36.50 Draw, drains N.; asc. 11 ft. to ¼ sec. cor.
- 40.00 Point for the ¼ sec. cor. of secs. 16 and 21.
- Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

¼ S16
S21

1956

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

## Subdivision, T. 40 N., R. 12 W.

## Chains

Desc. 44 ft. over W. slope.

43.20 Wash, 20 lks. wide, 3 ft. deep, drains N. 10° E., approximately 4 chs. to intersection with another wash; thence along N. slope.

51.70 Wash, 10 lks. wide, 5 ft. deep, drains N. 60° E., from W.

67.90 Recross wash, drains S. 80° E.

79.60 Recross wash, drains NE.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T40N R12W

S17	S16
S20	S21

1956

Land, rolling.

Soil, gravelly.

Timber, none; undergrowth, black brush, sagebrush and sparse grass.

N. 0° 03' W., bet. secs. 16 and 17.

Asc. 133 ft. over S. slope.

13.00 Spur, projects E.; desc. 272 ft. over NNE. slope.

25.70 Wash, 13 lks. wide, 3 ft. deep, drains E.; asc. 114 ft. over steep orange colored S. slope.

29.10 Slope changes to W.

40.00 Point for the ¼ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

¼

S17	S16
-----	-----

1956

Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

Asc. 239 ft. over SSE. slope.

49.40 Base of white clay outcrop.

56.30 Spur, projects N. 70° E.; desc. 274 ft. over NNE. slope.

70.60 Large draw, drains N. 30° E., approximately 8 chs. to head of wash; desc. 20 ft. to cor.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T40N R12W

S 8	S 9
S17	S16

1956

## Subdivision, T. 40 N., R. 12 W.

Chains

Corner is located on E. slope about 1 ch. W. of the head of a wash, draining E.

Land, rolling.  
Soil, gravelly and clay.  
Timber, none; undergrowth, black brush and sparse grass.

From the cor. of secs. 9, 10, 15 and 16.

West, bet. secs. 9 and 16.

Asc. 73 ft. over E. slope to  $\frac{1}{4}$  sec. cor.

13.40 Wash, 7 lks. wide, 3 ft. deep, drains N., about 3 chs. to another wash.

16.70 Small wash, drains N. 60° E.

23.70 Recross wash, drains S. 80° E.

34.60 Recross wash, drains N. 60° E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4} \frac{S 9}{S 16}$

1956

Asc. 239 ft. over E. slope to sec. cor.

64.60 Small wash, drains S. 80° E.

79.30 Head of same wash, drains E.

80.00 The cor. of secs. 8, 9, 16 and 17.

Land, rolling.  
Soil, gravelly.  
Timber, none; undergrowth, sagebrush and sparse grass.

## General Description

Township 40 North, Range 12 West, Gila and Salt River Meridian, Arizona, is a rough, mountainous country, falling on both the east and west slopes of Mokaic Mountain. The elevation ranges from about 4200 to 5400 ft. above sea level.

There is a heavy growth of juniper and pinon in the south two tiers of sections, gradually thinning into black brush, sagebrush, bitterbrush and grass upon reaching the northerly slopes.

The main gravel road from St. George, Utah, to Wolf Hole Lake, Arizona, traverses southerly through the eastern half of the township. There are access roads along the south and west boundaries, ending at water reservoirs.

The township is primarily used for the grazing of stock.

A few mining claim monuments were noted during the progress of the work.

4-680  
(Feb., 1950)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Craig P. Sylvester	Transitman
LeRoy N. McCulley	Rear Chain - Notes
Boyd S. Owens	Front Chain
Dee Von Thompson	Flagman
Vergean Porter	Axeman
Darwin L. Turner	Cornerman - Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Paul K. Russell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22nd day of September, 1954, I have surveyed the West Boundary and a Portion of the Subdivision of T. 40 N., Range 12 West

Gila and Salt River of the 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.

July 23, 1956 Salt Lake City, Utah

Paul K. Russell Paul K. Russell Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT, Washington, D. C., NOV 26 1956, 19

The foregoing field notes of the survey of the West Boundary and a Portion of the Subdivision of T. 40 N., R. 12 W., Gila and Salt River Meridian

executed by Paul K. Russell, Cartographic Survey Aid having been critically examined and found correct, are hereby approved.

Carl G. Harrington 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