

Form 9180-6
(March 1977)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION

OF THE SUBDIVISIONAL LINES

WHICH IS A PORTION OF THE SOUTH BOUNDARY

OF THE SAGUARO NATIONAL MONUMENT

TOWNSHIP 15 SOUTH, RANGE 16 EAST

Of the GILA AND SALT RIVER Meridian,
In the State of ARIZONA

EXECUTED BY

LEONARD W. MURPHY SUPERVISORY CADASTRAL SURVEYOR

Under special instructions dated JANUARY 17, 19 75, approved JANUARY 20, 1975,

XXXXXX, which provided for the surveys included under ~~U.S. Survey~~ Group
Number 570, and assignment instructions dated JANUARY 13, 19 75.

Survey commenced JANUARY 16, 19 75

Survey completed JANUARY 23, 19 75

1A

BOOK 5 109

INDEX DIAGRAM

Township 15 South, Range 16 East,

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T. 15 S., R. 16 E., Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, which is a portion of the south boundary of the Saguaro National Monument, Township 15 South, Range 16 East of the Gila and Salt River Meridian, Arizona.

A portion of the east boundary and subdivisional lines were surveyed by J. H. Martineau in 1893. A portion of the east boundary and subdivisional lines were resurveyed by Dupree R. Avrill in 1930.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated January 17, 1975, for Group No. 570, Arizona.

Preliminary to the resurvey, the lines of the previous surveys were retraced and search was made for the corners, all of which were recovered. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by solar and Polaris observations and they refer to the true meridian.

The geographic position of the corner of sections 1, 6, 7, and 12, on the East boundary of the township, as scaled from the U. S. Geological Survey quadrangle map "RINCON VALLEY, ARIZ.," 1957, is as follows:

Latitude 32° 08.8' N., Longitude 110° 39.1 W.

The mean magnetic declination is 13° East.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 15 S., R. 16 E., Gila and Salt River Mer., Arizona

Restoring the survey executed by J. H. Martineau in 1893, and the resurvey by Dupree R. Averill in 1930

Beginning at the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with a mound of stone, 2½ ft. base, 2 ft. high W., with brass cap mkd.

T15S
R16E R17E
S 1 | S 6
S 12 | S 7

1930

Cor. is located 10½ lks. S. of a fence, bears E. and W.

N. 88° 55' W., bet. secs. 1 and 12, along the S. bdy. of Saguaro National Monument.

Over broken land, along a fence, bears E. and W.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 15 S., R. 16 E., Gila and Salt River Mer., Arizona

CHAINS		
3.15	Spur, slopes S.	
23.00	Spur, slopes S.	
40.12	The $\frac{1}{4}$ sec. cor. of secs. 1 and 12, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 3 ft base, to top, with brass cap mkd.	
	$\frac{1}{4} \begin{array}{l} S 1 \\ S 12 \end{array}$	
	1930	
	Cor. is located $4\frac{1}{2}$ lks. S. of a fence, bears E. and W.	
	<hr style="width: 20%; margin: auto;"/>	
	N. $89^{\circ} 16'$ W., beginning new measurement.	
5.20	Wash, 50 lks. wide, drains SSE.	
33.60	Spur, slopes S.	
39.95	Gulch, drains SSE.	
41.79	The cor. of secs. 1, 2, 11, and 12, monumented with an iron post, 2 ins. diam., firmly set in a mound of stone, 5 ft. base, to top, with brass cap mkd.	
	$\begin{array}{l} T15S R16E \\ S 2 S 1 \\ \hline S 11 S 12 \end{array}$	
	1930	
	Cor. is located 12 lks. S. of a fence, bears E. and W.	
	<hr style="width: 20%; margin: auto;"/>	
	N. $89^{\circ} 57'$ W., bet. secs. 2 and 11, along the S. bdy. of Saguaro National Monument.	
	Over broken land, along a fence, bears E. and W.	
2.50	Spur, slopes SW.	
8.30	Ravine, drains S.	
35.00	Draw, drains S.	
39.08	The $\frac{1}{4}$ sec. cor. of sec. 11 only, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 4 ft. base, to top, with brass cap mkd.	
	$\frac{1}{4} S 11$	
	1930	
	Cor. is located $7\frac{1}{2}$ lks. S. of a fence, bears E. and W.	
	<hr style="width: 20%; margin: auto;"/>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 15 S., R. 16 E., Gila and Salt River Mer., Arizona

CHAINS	
	S. 89° 49' W., beginning new measurement.
0.80	From this point, the ¼ sec. cor. of sec. 2 only, bears SOUTH, 0.030 chs. dist., monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 5 ft. base, to top, with brass cap mkd.
	$\frac{1}{4} S 2$
	1930
	Cor. is located 15 lks. S. of a fence, bears E. and W.
3.15	Spur, slopes S.
13.95	Wash, 15 lks. wide, drains S.
20.70	Ridge, bears NE and SW.
40.70	The cor. of secs. 2, 3, 10, and 11, monumented with an iron post, 2 ins. diam., firmly set in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	$\begin{array}{c} T15S R16E \\ \hline S 3 S 2 \\ \hline S 10 S 11 \end{array}$
	1930
	Cor. is located 2 lks. N. of a fence, bears E. and W.
<hr/>	
	S. 89° 59' W., bet. secs. 3 and 10, along the S. bdy. of Saguaro National Monument.
	Over broken land, along a fence, bears E. and W.
5.30	Wash, 15 lks. wide, drains SW.
35.30	Spur, slopes SSW.
40.16	The ¼ sec. cor. of secs. 3 and 10, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	$\frac{1}{4} \frac{S 3}{S 10}$
	1930
	Cor. is located 30 lks. S. of a fence, bears E. and W.
<hr/>	
	S. 89° 58' W., beginning new measurement.
2.40	Ravine, drains S.
7.10	Spur, slopes SSW.
40.13	The cor. of secs. 3, 4, 9, and 10, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with a scattered mound of stone W., with brass cap mkd.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 15 S., R. 16 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>T15S R16E $\frac{S\ 4}{S\ 9} \frac{S\ 3}{S\ 10}$</p> <p>1930</p> <p>Rebuild the mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Cor. is located 45½ lks. S. of a fence, bears E. and W.</p> <hr/> <p>N. 89° 02' W., bet secs. 4 and 9, along the S. bdy. of Saguaro National Monument.</p> <p>Over broken land, along a fence, bears E. and W.</p>
36.95	Ravine, drains SSW.
39.85	Spur, slopes SW.
39.98	The ¼ sec. cor. of sec. 4 only, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	<p>$\frac{1}{4} S\ 4$</p> <p>1930</p> <p>Cor. is located in a fence, bears E. and W.</p>
41.65	The ¼ sec. cor. of sec. 9 only, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	<p>$\frac{1}{4} S\ 9$</p> <p>1930</p> <p>Cor. is located in a fence, bears E. and W.</p> <hr/> <p>N. 89° 45' W., beginning new measurement.</p>
17.90	Wash, 100 lks. wide, drains SW.
23.00	Spur, slopes S.
27.00	Wash, 200 lks. wide, drains SW.
39.24	The cor. of secs. 4, 5, 8, and 9, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.
	<p>T15S R16E $\frac{S\ 5}{S\ 8} \frac{S\ 4}{S\ 9}$</p> <p>1930</p> <p>Cor. is located at a cor. of fences, extending N., S., E., and W.</p>

Dependent Resurvey, Portion of the Subdivisional Lines
T. 15 S., R. 16 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p>N. 87° 57' W., bet. secs. 5 and 8, along the S. bdy. of Saguaro National Monument.</p> <p>Over rolling land, along a fence, bears E. and W.</p>	
12.60	Spur, slopes SW.	
39.10	Wash, 12 lks. wide, drains S.	
39.31	<p>The ¼ sec. cor. of secs. 5 and 8, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with a scattered mound of stone N., with brass cap mkd.</p> <p style="text-align: center;">¼ $\frac{S\ 5}{S\ 8}$</p> <p style="text-align: center;">1930</p> <p>Rebuild the mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Cor. is located at a cor. of fences extending S., E., and W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 88° 04' W., beginning new measurement.</p>	
18.30	Wash, 100 lks. wide, drains SW.	
21.30	Paved road, 25 lks. wide, bears N. and S.	
39.30	<p>The cor. of secs. 5, 6, 7, and 8, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T15S R16E S 6 S 5 — — S 7 S 8</p> <p style="text-align: center;">1930</p> <p>Cor. is located at a cor. of fences extending N., S., E., and W.</p>	
<p>General Description</p> <p>The lands included in the notes of the foregoing survey are located about 15 miles southeast of Tucson, Arizona. The area is drained by the tributaries of Rincon Creek. The average elevation along the line surveyed is about 3250 feet above sea level.</p> <p>Access into the area is by way of a few dirt roads which branch from McDonald Road and Pistol Road. Soil in the area is rocky clay and sandy loam varying from a few inches to several feet in depth.</p> <p>Timber consists of paloverde, mesquite and some mountain mahogany; with undergrowth of cresote, catclaw, cactus, and native grasses.</p> <p>The mean magnetic declination is 13° East.</p>		

CHAINS

CERTIFICATE OF SURVEY

(I) ~~XXXX~~ Leonard W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17th day of January, 1975, (I) ~~XXXX~~ have dependently resurveyed a portion of the subdivisional lines, which is a portion of the south boundary of the Saguaro National Monument, Township 15 South, Range 16 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), ~~XXXX~~ and under (my) ~~XXXX~~ direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

December 8, 1978
(Date)

Leonard W. Murphy
Supervisory (Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
~~Washington, D.C.~~
Denver, Colorado

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, which is a portion of the Saguaro National Monument, Township 15 South, Range 16 East, of the Gila and Salt River Meridian, Arizona,

executed by Leonard W. Murphy, Supervisory Cadastral Surveyor having been critically examined and found correct, are hereby approved.

FEB 06 1980
(Date)

J. J. [Signature]
(Chief, Division of Cadastral Survey)

Chief, Cadastral Survey Examination and Approval Staff

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in [blank], is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief, Division of Cadastral Survey)~~