

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES

AND A PORTION OF THE SUBDIVISION OF SECTIONS 3 AND 10,

THE SUBDIVISION OF SECTION 3

AND

A METES-AND-BOUNDS SURVEY

IN SECTION 10,

TOWNSHIP 15 SOUTH, RANGE 28 EAST

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY

Stephen J. Malloy, Cadastral Surveyor

Under Special Instructions dated and approved December 29, 1998, which provided for the surveys included under Group Number 834 and assignment instructions dated December 29, 1998.

Survey commenced January 25, 1999

Survey completed January 27, 1999

INDEX DIAGRAM

TOWNSHIP 15 SOUTH, RANGE 28 EAST,

6	5	4	3	2	1
			5		
7	8	9	4	10	11
			5		
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Resurvey of the Subdivision of Sec. 3
 Resurvey of the Subdivision of Sec. 10
 Subdivision of Sec. 3
 Metes-and-bounds survey in Sec. 10

pp 6
 pp 6-7
 pp 7
 pp 7

T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and a portion of the subdivision of sections 3 and 10, the subdivision of section 3 and a metes-and-bounds survey in section 10, Township 15 South, Range 28 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows:

A portion of the subdivisional lines was surveyed by Jesse B. Wright, in 1908.

A portion of the subdivisional lines was resurveyed and certain sections were subdivided by Richard L. Oaks and Marlin G. Livermore II, in 1968

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated December 29, 1998, for Group No. 834, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and a search was made for all corners and other calls of the record. Identified corners were all found to have substantial monuments in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions and distance of all lines were determined by NAVSTAR Global Position System (GPS), using real time kinematic techniques and refer to horizontal distances and true meridian. Trimble model 4400 GPS receivers were utilized to obtain the observables.

The geographic position of the cor. of secs. 3, 4, 9 and 10, as determined from a tie made to United States Coast and Geodetic Survey triangulation station "NINE 1945", located in the south half of section 4, Township 14 South, Range 28 East, is as follows:

Latitude: 32°09'07.25" N. Longitude: 109°28'59.90" W.
NAD 83 (1992)

The mean magnetic declination of 11 1/2° E. was derived from the U.S. Geological Survey computer program MAGPOINT, utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of the survey.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS							
	<p style="text-align: center;">Restoring the resurvey executed by Richard L. Oaks and Marlin G. Livermore II, in 1968</p> <hr style="width: 20%; margin: auto;"/> <p>Beginning at the 1/4 sec. cor. of secs. 9 and 10, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with a mound of stone, 4 ft. base, 3 ft. high W. of the cor., with brass cap mkd. T15S R28E 1/4 S9 S10 1968.</p> <p>Add 1999 to the brass cap.</p> <p>Cor. is located on nearly level ground.</p> <p>N. 0°05' W., bet. secs 9 and 10.</p> <p>Over nearly level ground.</p>						
19.86	Point for the N 1/16 sec. cor. of secs. 9 and 10, not monumented.						
26.40	Bladed gravel road, 30 lks. wide, bears NE and SW.						
29.79	Point for the N-N 1/64 sec. cor. of secs. 9 and 10, not monumented.						
	<p>From this point, an aluminum disk, 3 ins. diam., firmly set flush in concrete pad, 1 ft. diam, 3 ins. high, encircled by stones, with disk mkd. US DEPARTMENT OF INTERIOR NATIONAL PARK SERVICE N 1/64 1982, established by the National Park Service, in 1982, bears S. 13°24' W., 0.027 ch. dist. This cor. was established at an improper position and is not utilized in the course of this resurvey.</p>						
34.755	Point for the N-N-N 1/256 sec. cor. of secs. 9 and 10, not monumented.						
35.028	Point for AP 2, at a point 18 ft. northerly from the N-N-N 1/256 sec. cor. of secs. 9 and 10.						
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a mound of stone, 2 ft. base, to top with brass cap mkd.</p> <p style="text-align: center;">T15S R28E</p> <div style="text-align: center;"> <table border="0"> <tr> <td>S 9</td> <td> </td> <td>AP</td> </tr> <tr> <td></td> <td> </td> <td>S10</td> </tr> </table> </div> <p style="text-align: center;">1999</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>	S 9		AP			S10
S 9		AP					
		S10					

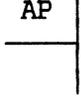
Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.72	<p>The cor. of secs. 3, 4, 9 and 10, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with a mound of stone, 3 ft. base, 2 ft. high, W. of the cor., with brass cap mkd. T15S R28E S4 S3 S9 S10 1968.</p> <p>Add 1999 to the brass cap.</p> <p>From this cor. point, U.S. Coast and Geodetic Survey triangulation station, "NINE 1945", with published latitude of 32°14'31.32175" N. and longitude of 109°29'38.90434" W. NAD83 (1992), bears N. 5°50'28" W. (forward bearing), 498.93 chs. dist., monumented with a standard brass tablet, 3 ins. diam., firmly set cemented flush in bedrock, with top mkd. NINE 1945 and a triangle.</p> <hr/> <p>From the W 1/16 sec. cor. of secs. 3 and 10, monumented with an iron post, 2 1/2 ins. diam., firmly projecting 4 ins. above the ground, with a mound of stone, 3 ft. base, 1 ft. high, N. of cor., with brass cap mkd. T15S R28E S3 W1/16 S10 1968, from which the 1968 bearing tree</p> <p style="padding-left: 40px;">An oak, 16 ins. diam., bears N. 43 1/4° E., 230 lks. dist., mkd. with a healed blaze</p> <p>Add 1999 to the brass cap.</p> <p>S. 89°39' W., bet. secs. 3 and 10.</p> <p>Over rolling land.</p>
19.90	<p>The cor. of secs. 3, 4, 9 and 10.</p> <hr/> <p>N. 0°12' E., bet. secs. 3 and 4.</p> <p>Over rolling land.</p>
9.94	<p>Point for the S-S 1/64 sec. cor. of secs. 3 and 4, occupied with an aluminum post, 1 in. diam., firmly set flush in a mound of stone, 2 ft. base, 1/2 ft. high, with aluminum cap mkd. US DEPARTMENT OF INTERIOR NATIONAL PARK SERVICE N N 1/64 1982.</p>
19.88	<p>Point for the S 1/16 sec. cor. of secs. 3 and 4, not monumented.</p>
39.76	<p>The 1/4 sec. cor. of secs. 3 and 4, monumented with an iron post, 2 1/2 ins. diam., firmly set flush in a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. T15S R28E 1/4 S4 S3 1968.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Add 1999 to the brass cap.</p>
	<hr/> <p style="text-align: center;">Dependent Resurvey of the Subdivision of Section 3, T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona</p> <hr/>
<p>9.96</p>	<p>From the W 1/16 sec. cor. of secs. 3 and 10.</p> <p>N. 0°23' E., on the N. and S. center line of the SW 1/4 of sec. 3.</p> <p>Over rolling land.</p> <p>The center S-SW 1/64 sec. cor. of sec. 3, monumented with a copper-coated steel rod, firmly set, projecting 9 ins. above a mound of stone, 3 ft. base, 1 ft. high., with brass cap mkd. C S SW 1/64 S3 1968.</p> <p>Add T15S R28E 1999 to the brass cap and rebuilt the mound of stone to top of brass cap.</p> <p>Cor. is located in a 4 strand barbed wire fence, extending E. and W.</p>
	<hr/> <p style="text-align: center;">Dependent Resurvey of the Subdivision of Section 10, T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the center N-NW sec. cor. of sec. 10, monumented with a brass cap, 1 1/2 ins. diam., firmly set, flush and cemented into a rock outcropping, 5 x 4 x 2 1/2 ft., with brass cap mkd. C N NW 1/64 S 10 1968.</p> <p>Add T15S R28E 1999 to the brass cap.</p> <p>Cor. is located on steep N slope.</p> <p>N. 0°02' E., on the N. and S. center line of the NW 1/4 of sec. 10.</p>
<p>5.00</p>	<p>Point for the C-N-N-NW 1/256 sec. cor. of sec. 10, not monumented.</p>
<p>5.273</p>	<p>Point for AP 1, at a point 18 ft. northerly from the C-N-N-NW 1/256 sec. cor. of sec. 10.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of the Subdivision of Section 10,
T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>T15S R28E</p> <p>AP S10</p>  <p>1999</p>
10.00	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located on a N. slope.</p> <p>The W. 1/16 sec. cor. of secs 3 and 10.</p> <hr/> <p style="text-align: center;">Subdivision of Section 3, T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the center S-SW 1/64 sec. cor. of sec. 3.</p> <p>S. 89°36' W., on the E. and W. center line of the SW 1/4 of the SW 1/4 of sec. 3.</p> <p>Over rolling land.</p>
19.93	<p>The S-S 1/64 sec. cor. of secs. 3 and 4, hereinbefore described.</p> <hr/> <p style="text-align: center;">Metes-and Bounds Survey in Section 10, T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From AP 1, on the N. and S. center line of the NW 1/4 of sec. 10, hereinbefore described.</p> <p>S. 89°45' W., on line 1-2.</p>
19.89	<p>The AP 2, on the line bet. secs. 9 and 10, hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this survey is located 14 miles south of the town of Bowie, Arizona, in the Fort Bowie National Historic Site.</p>

T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

The area is generally rolling hill and drains northeasterly through section 2. Elevation varies from 5200 ft. at the center N-NW 1/64 to 5100 ft. at the 1/4 sec. cor. of secs. 3 and 4.

The principle use of the area is the historic site and ranching. There was no mining activity or residences observed during the course of this survey.

CERTIFICATE OF SURVEY

I, Stephen J. Malloy, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 29th day of December, 1998, I have dependently resurveyed a portion of the subdivisional lines and a portion of the subdivision of sections 3 and 10, subdivided section 3 and executed a metes-and-bounds survey in section 10, Township 15 South, Range 28 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 and under my 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.

3/9/99

(Date)

Stephen J. Malloy

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and a portion of the subdivision of section 3 and 10, the subdivision of section 3 and the metes-and-bounds survey in section 10, Township 15 south, Range 28 East, Gila and Salt River Meridian, Arizona, executed by Stephen J. Malloy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

March 30, 1999

(Date)

Kenny D. Kavinkar

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 15 S., R. 28 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____~~
(Date)

~~_____~~
(Chief Cadastral Surveyor of Arizona)