

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF REMONUMENTATION
AND THE
DEPENDENT RESURVEY
OF A PORTION OF
THE METES-AND-BOUNDS
SURVEY OF
THE NORTH MARICOPA MOUNTAINS WILDERNESS
BOUNDARY
TOWNSHIP 3 SOUTH, RANGE 2 WEST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Geoffrey A. Graham, Cadastral Surveyor

Under Supplemental Special Instructions dated December 10, 2012, approved December 10, 2012, which provided for the surveys included under Group No. 762, and assignment instructions dated December 10, 2012.

Survey commenced December 12, 2012

Survey completed December 12, 2012

INDEX DIAGRAM

TOWNSHIP 3 SOUTH RANGE 2 WEST
GILA AND SALT RIVER MERIDIAN, ARIZONA

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24 3
30	29	28	27	26	25
31	32	33	34	35	36

Remonumentation of the 1/4 sec. cor. of secs. 24 and 25Pages 3-4
 Dependent resurvey of por. of NMMW bdy..Pages 4-5

T. 3 S., R. 2 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe remonumentation, and the dependent resurvey of a portion of the metes-and-bounds survey of the North Maricopa Mountains Wilderness boundary, Township 3 South, Range 2 West, Gila and Salt River Meridian, Arizona.

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

In 1994, Olian T. Shockley conducted the metes-and-bounds survey of the North Maricopa Mountains Wilderness Area Boundary, omitting an abandoned portion of Bureau of Land Management primitive road number 8002, the legal boundary of the wilderness.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and the Supplemental Special Instructions dated December 10, 2012, for Group Number 762, Arizona.

The true meridian direction and length of all lines were determined by static and real time kinematic global positioning system observations using Trimble Navigation 5700 and 5800 model receivers.

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DG8519 AZBK MCDOT BUCKEYE, DN2121 AZPA PEORIA FIREST and AJ6820 SRP1 SALT RIVER PROJEC. The NAD_83(2011) (EPOCH: 2010.0000), geographic position of the Angle Point No. 25 at the northeast exclusion of Don Tank, is as follows:

Latitude: 33°08'27.478" N. Longitude: 112°25'30.868" W.

The mean magnetic declination is 11° E.

**Remonumentation,
T. 3 S., R. 2 W., Gila and Salt River Meridian, Arizona**

The 1/4 sec. cor. of secs. 24 and 25, monumented with a ring of rust, 16 ins. below ground.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Remonumentation,
T. 3 S., R. 2 W., Gila and Salt River Meridian, Arizona

CHAINS

T 3 S R 2 W
S 24
1/4 ———
S 25

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

**Dependent Resurvey of a Portion of the Metes-and-Bounds
Survey of the North Maricopa Mountains Wilderness Boundary,
T. 3 S., R. 2 W., Gila and Salt River Meridian, Arizona**

Beginning at Angle Point 25, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. T3S R2W NMMWA AP 25 S25 1994.

Remark brass cap to read

T 3 S R 2 W
NMMWA
AP25
—————
S 25
2012
1994

N. 28°03' E., on line 25-25A of the North Maricopa Mountains Wilderness Bdy.

16.62 Point for Angle Point 25A.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

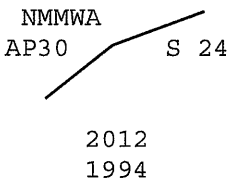
T 3 S R 2 W
NMMWA
AP25A
—————
S 25

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

N. 60°52' E., on line 25A-30 of the North Maricopa Mountains Wilderness Area Bdy.

Dependent Resurvey of a Portion of the Metes-and-Bounds
Survey of the North Maricopa Mountains Wilderness Boundary,
T. 3 S., R. 2 W., Gila and Salt River Meridian, Arizona

CHAINS	
18.85	Intersect the line bet. secs. 24 and 25, not monumented.
	From this point, the 1/4 sec. cor. of secs. 24 and 25 bears S. 89°58' E., 8.83 chs. dist., hereinbefore described.
29.55	Angle Point 30, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. T3S R2W NMMWA AP30 S24 1994.
	Remark brass cap to read
	<div style="text-align: center;"> <p>T 3 S R 2 W NMMWA AP30 S 24</p>  <p>2012 1994</p> </div>
	<hr/> <p>Note: This dependent resurvey was executed to realign a portion of the 1994 metes-and-bounds survey of the North Maricopa Mountains Wilderness Area boundary from Angle Point 25 to Angle Point 30. The realignment was necessitated to relocate the boundary to conform to the position of an abandoned portion of Bureau of Land Management primitive road number 8002. This resurvey supersedes the 1994 survey from Angle Point 25 to Angle Point 30. All evidence of Angle Points 26 through 29, of the original metes-and-bounds survey, was obliterated.</p> <hr/>

CERTIFICATE OF SURVEY

I, Geoffrey A. Graham, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of supplemental special instructions bearing date of the 12th day of December, 2012, I have remonumented, and dependently resurveyed a portion of the metes-and-bounds survey of the North Maricopa Mountains Wilderness boundary, T. 3 S., R. 2 W., 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. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

1/31/13
(Date)

Geoffrey A. Graham
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the remonumentation, and dependent resurvey of a portion of the metes-and-bounds survey of the North Maricopa Mountains Wilderness boundary, T. 3 S., R. 2 W., Gila and Salt River Meridian, in the State of Arizona, executed by Geoffrey A. Graham, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

2/5/2013
(Date)

Stephen K. Hansen
(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. 3 S., R. 2 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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