

ORIGINAL

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

FIELD NOTES

OF THE

SURVEY OF THE REALIGNMENT OF A PORTION OF THE
METES-AND-BOUNDS SURVEY OF THE
BEAVER DAM MOUNTAINS WILDERNESS BOUNDARY IN SECTION 15
TOWNSHIP 41 NORTH, RANGE 14 WEST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Rosendo Ramos Serrano, Cadastral Surveyor

Under Special Instructions, dated June 26, 2018, approved June 26, 2018, which provided for the surveys included under Group No. 1187, and assignment instructions dated June 26, 2018.

Survey commenced July 01, 2018

Survey completed July 02, 2018

INDEX DIAGRAM

TOWNSHIP 41 NORTH RANGE 14 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
30	29	28	27	26	25
31	32	33	34	35	36

Meets-and-bounds realignment survey, sec. 15.Pages 4-7

T. 9 S., R. 17 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of the realignment of a portion of the metes-and-bounds survey of the Beaver Dam Mountains Wilderness Boundary in section 15, Township 41 North, Range 14 West, Gila and Salt River Meridian, Arizona.

****Note**** The survey was requested by Kenneth Mahoney, Arizona State Office, Bureau of Land Management for the realignment of the boundary on a portion of the Beaver Dam Mountain Wilderness. The purpose of the survey is to delineate the boundary to exclude a commonly used road in the BDMWA.

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

William Foster performed the metes and Bounds Survey of the Beaver Dam Mountains Wilderness Area T. 41 N., R. 14 W., in 2002.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions (2009) and the Special Instructions dated June 26, 2018, for Group No. 1187, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic Global Navigation Satellite System (GNSS), observations using Trimble Navigation R8-4 model receivers.

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

Geodetic control was derived from Global Navigation Satellite System (GNSS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations AI8805 FRED FREDONIA CORS ARP, DP9944 GCES GRAND CANYON ST 1 CORS ARP, DP2494 NVWS WARM SPRINGS CORS ARP. The NAD 83 (2011) (Epoch:2010.0000) geographic position of Angle Point 12, sec. 15, Townships 41 North, Range 14 West Section 15 is as follows:

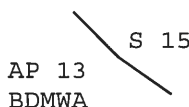
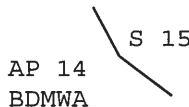
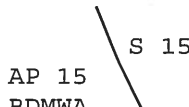
Latitude: 36°57'19.533"N. Longitude: 113°48'03.738"W.

The geographic position of the corner of Angle Point 22. sec. 15, Townships 41 North, Range 14 West, is as follows:

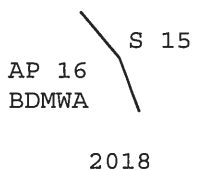
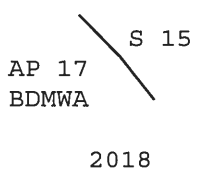
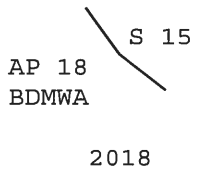
Latitude: 36°57'32.772"N Longitude: 113°48'11.651"W

The mean magnetic declination is 11 1/2 ° E.

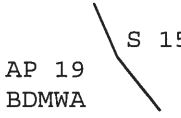
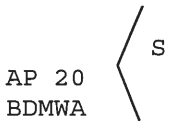
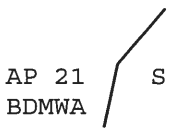
Survey of the Realignment of a Portion of the Metes-and-Bounds Survey of
the Beaver Dam Mountains Wilderness Bdy., Section 15,
T. 41 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Beginning at AP 12, sec. 15, T. 41 N., R. 14 W., monumented with a concrete column, 6 ins. diam., firmly set, projecting 5 ins. above ground, with unmarked aluminum cap, 3 ins. diam.</p> <p>N. 76°47' W., on line 12-13.</p>
1.08	<p>Point for AP 13, sec. 15.</p> <p>Set a stainless steel rod, 28 ins. long, 1/2 in. diam., 18 ins. in ground, with a brass cap, 3 1/2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 13 BDMWA</p> <p>2018</p> <hr style="width: 30%; margin: 0 auto;"/> </div> <p>N. 44°45' W., on line 13-14.</p>
5.01	<p>Point for AP 14, sec. 15</p> <p>Set a rebar 24 ins. long, 3/4 in. diam., 14 ins. in ground, with a brass cap, 2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 14 BDMWA</p> <p>2018</p> <hr style="width: 30%; margin: 0 auto;"/> </div> <p>N. 17°21' W., on line 14-15.</p>
2.76	<p>Point for AP 15, sec. 15.</p> <p>Set a stainless steel rod, 28 ins. long, 1/2 in. diam., 20 ins. in ground, with a brass cap, 3 1/2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 15 BDMWA</p> <p>2018</p> </div>

Survey of the Realignment of a Portion of the Metes-and-Bounds Survey of
the Beaver Dam Mountains Wilderness Bdy., Section 15,
T. 41 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>All evidence of the monument set for AP 15 in the 2002 Foster survey was destroyed.</p> <hr/> <p>N. 11°04' W., on line 15-16.</p>
3.16	<p>Point for AP 16, sec. 15.</p> <p>Set a stainless steel rod, 28 ins. long, 1/2 in. diam., 20 ins. in ground, with a brass cap, 3 1/2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 16 BDMWA</p> <p>2018</p> </div> <hr/> <p>N. 42°13' W., on line 16-17.</p>
2.47	<p>Point for AP 17, sec. 15.</p> <p>Set a stainless steel rod, 28 ins. long, 1/2 in. diam., 20 ins. in ground, with a brass cap, 3 1/2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 17 BDMWA</p> <p>2018</p> </div> <hr/> <p>N. 53°36' W., on line 17-18.</p>
2.13	<p>Point for AP 18, sec. 15.</p> <p>Set a stainless steel rod, 28 ins. long, 1/2 in. diam., 22 ins. in ground, with a brass cap, 3 1/2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 18 BDMWA</p> <p>2018</p> </div>

Survey of the Realignment of a Portion of the Metes-and-Bounds Survey of
the Beaver Dam Mountains Wilderness Bdy., Section 15,
T. 41 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS	
2.78	<p>All evidence of the monument set for AP 18 in the 2002 Foster survey was destroyed.</p> <hr/> <p>N. 38°04' W., on line 18-19.</p> <p>Point for AP 19, sec. 15.</p> <p>Set a stainless steel rod, 28 ins. long, 1/2 in. diam., 23 ins. in ground, with a brass cap, 3 1/2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 19 BDMWA</p> <p>2018</p> </div> <hr/>
2.93	<p>N. 17°47' W., on line 19-20.</p> <p>Point for AP 20, sec. 15.</p> <p>Set a stainless steel rod, 28 ins. long, 1/2 in. diam., 22 ins. in ground, with a brass cap, 3 1/2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 20 BDMWA</p> <p>2018</p> </div> <hr/>
0.95	<p>N. 9°43' E., on line 20-21.</p> <p>Point for AP 21, sec. 15.</p> <p>Set a stainless steel rod, 28 ins. long, 1/2 in. diam., 24 ins. in ground, with a brass cap, 3 1/2 ins. diam., mkd.</p> <div style="text-align: center;"> <p>T 41 N R 14 W</p>  <p>AP 21 BDMWA</p> <p>2018</p> </div> <hr/>

CERTIFICATE OF SURVEY

I, Rosendo Ramos Serrano, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 26th day of June, 2018, I have surveyed the realignment of a portion of the metes-and-bounds survey of the Beaver Dam Mountains Wilderness Bdy., section 15, T. 41 N., R. 14 W., 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 (2009), and in specific manner described in the foregoing field notes.

12/06/2018
(Date)

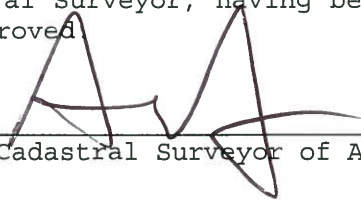

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the survey of the realignment of a portion of the metes-and-bounds survey of the Beaver Dam Mountains Wilderness Bdy., section 15, T. 41 N., R. 14 W., Gila and Salt River Meridian, in the State of Arizona, executed by Rosendo Ramos Serrano, Cadastral Surveyor, having been critically examined and found correct, are hereby approved

1/30/2019
(Date)


(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. 41 N., R. 14 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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