

ORIGINAL

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

FIELD NOTES
OF THE
SUBDIVISION OF SECTION 19,
AND
A METES-AND-BOUNDS SURVEY
WITHIN SECTION 19
PARTIALLY SURVEYED TOWNSHIP 9 NORTH, RANGE 3 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA

EXECUTED BY

Geoffrey A. Graham, Cadastral Surveyor

Under Special Instructions dated September 5, 2017, approved September 5, 2017, which provided for the surveys included under Group No. 1176, and assignment instructions dated September 5, 2017.

Survey commenced September 25, 2017

Survey completed October 17, 2017

INDEX DIAGRAM

PARTIALLY SURVEYED TOWNSHIP 9 NORTH RANGE 3 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA

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Partially Surveyed T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, and a metes-and-bounds survey within section 19, Partially Surveyed Township 9 North, Range 3 East, Gila and Salt River Meridian, Arizona.

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

Sidney E. Blout surveyed the west boundary and a portion of the subdivisional lines in 1913. George F. Rigby surveyed an additional portion of the subdivisional lines in 1917. Stephen K. Hansen dependently resurveyed a portion of the subdivisional lines and subdivided section 19 in 2001.

The purpose of this survey is to locate the determination of the intent behind ambiguous legal descriptions within section 19, for land acquisition, AZA-37285.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated September 5, 2017, for Group Number 1176, 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 R8 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) DL6010 STAR VALLEY, DL6308 MORRISTOWN, and DL1898 PRESCOTT.

The NAD 83 (2011) (EPOCH: 2010), geographic position of the 1/4 corner of sections 19 and 24, Townships 9 North, Ranges 2 and 3 East, on the west boundary of the township, is as follows:

Latitude: 34°06'23.439" N. Longitude: 112°05'55.410" W.

The NAD 83 (2011) (EPOCH: 2010), geographic position the corner of sections 13, 18, 19, and 24, Townships 9 North, Ranges 2 and 3 East, on the west boundary of the township, is as follows:

Latitude: 34°06'49.538" N. Longitude: 112°05'55.410" W.

The mean magnetic declination is 10 1/2° E.

Subdivision of Section 19,
Partially Surveyed T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

CHAINS			
	<p>Restoring the resurvey executed by Stephen K. Hansen, in 2001</p> <hr/>		
	<p>Beginning at the center W. 1/16 cor. of sec. 19, monumented with a stainless steel post, 2 1/2 ins. diam., in a supporting mound of stone, 3 ft. base, 20 ins. high, with brass cap mkd. T9N R3E W 1/16 C-C S19 2001.</p> <p>S. 89° 48' W., on a portion of the E. and W. center line of sec. 19.</p>		
9.902	<p>Point for Angle Point 3.</p> <p>Set a rebar 5/8 ins. diam., 24 ins. long, flush with the ground, with a 2 ins. diam. brass cap mkd.</p> <div style="text-align: center;"> <p>T 9 N R 3 E</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 19</td> <td style="padding: 0 5px;">AP 3</td> </tr> </table> <p>2017</p> </div>	S 19	AP 3
S 19	AP 3		
19.804	<p>The 1/4 sec. cor. of secs. 19 and 24, Tps. 9 N., Rs. 2 and 3 E., on the west bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T9N R2E R3E 1/4 S24 S19 2001. An accessory mound of stone 3 ft. base, 1 1/2 ft. high, is N. of the cor. Add the marks 2017 to the brass cap.</p> <p>Cor. is located 7.3 ft., S. 85° E. of cor. of fences extending N., E., S., and W.</p> <p>From this cor., the cor. of secs. 13, 18, 19 and 24, Tps. 9 N., Rs. 2 and 3 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T9N R2E R3E S13 S18 S24 S19 2001 1913, bears North, 39.980 chs. dist. Add the marks 2017 to the brass cap.</p> <hr/> <p>From the center W. 1/16 cor. of sec. 19.</p> <p>N. 0° 03' W., along the N. and S. center line of the NW 1/4.</p>		
19.958	<p>Point for the SE. cor. of lot 1, and the NE. cor. of lot 2. Not monumented.</p>		
24.948	<p>Point for Angle Point 1.</p> <p>At the point, set a rebar 5/8 ins. diam., 24 ins. long, flush with the ground, with a 2 ins. diam. brass cap mkd.</p>		

Subdivision of Section 19,
Partially Surveyed T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>T 9 N R 3 E</p> <div style="display: flex; justify-content: center; align-items: center;"> <div style="border-top: 1px solid black; width: 40px; margin-right: 5px;"></div> <div style="border-left: 1px solid black; border-right: 1px solid black; width: 15px; height: 20px; display: flex; align-items: center; justify-content: center; margin-right: 5px;">AP 1</div> <div style="margin-left: 5px;">S 19</div> </div> <p>2017</p>
39.917	<p>The W. 1/16 sec. cor. of secs. 18 and 19, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T9N R3E S18 W 1/16 S19 2001. Add the marks 2017 to the brass cap.</p> <p>From this cor., the cor. of secs. 13, 18, 19 and 24, Tps. 9 N., Rs. 2 and 3 E., bears S. 89° 59' W., 19.766 chs. dist.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey within Section 19, T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From Angle Point 1, sec. 19, hereinbefore described.</p> <p>S. 89° 55' W., on line 1-2.</p>
9.890	<p>Point for Angle Point 2.</p> <p>Set a rebar 5/8 ins. diam., 24 ins. long, flush with the ground, with a 2 ins. diam. brass cap mkd.</p> <div style="text-align: center;"> <p>T 9 N R 3 E</p> <p>S19</p> <div style="display: flex; justify-content: center; align-items: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; width: 15px; height: 20px; display: flex; align-items: center; justify-content: center; margin-right: 5px;">AP 2</div> </div> <p>2017</p> </div> <hr style="width: 30%; margin: 10px auto;"/> <p>S. 0° 02' E., on line 2-3.</p>
4.994	<p>Intersect the line bet. lot 1 and lot 2, sec. 19. Not monumented.</p>
24.968	<p>Angle Point 3, hereinbefore described.</p> <hr/>

Partially Surveyed T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

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GENERAL DESCRIPTION

This survey is located in the Aqua Fria River Valley, about 2 miles northerly of Black Canyon City. Access is by following Tara Springs Road to its terminus.

The mean magnetic declination of $10\ 1/2^\circ$ E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2015 for the dates of survey.

CERTIFICATE OF SURVEY

I, Geoffrey A. Graham, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 5th day of September, 2017, subdivided section 19, and performed a metes-and-bounds survey within section 19, Township 9 North, Range 3 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. 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, 1973, and in specific manner described in the foregoing field notes.

9/12/2018
(Date)

Geoffrey A. Graham
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the subdivision of section 19, and a metes-and-bounds survey within section 19, T. 9 N., R. 3 E., 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.

9/18/2018
(Date)

[Signature]
(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. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~