

ORIGINAL

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

FIELD NOTES
OF THE DEPENDENT RESURVEY OF
THE EAST LINE, AND A PORTION OF
THE WEST HALF OF THE NORTH LINE OF SECTION 8,
AND TWO METES-AND-BOUNDS SURVEYS, IN SECTIONS 8 AND 9,
PARTIALLY SURVEYED
TOWNSHIP 10 SOUTH, RANGE 16 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Robin D. Rasmussen, U.S. Forest Service Land Surveyor

Under Special Instructions dated July 18, 2019, approved July 18, 2019, which provided for the surveys included under Group No. 1195, and assignment instructions dated July 18, 2019.

Survey commenced September 28, 2019

Survey completed July 30, 2020

INDEX DIAGRAM

TOWNSHIP 10 SOUTH RANGE 16 EAST
GILA & SALT RIVER MERIDIAN, ARIZONA

6	5	4	3	2	1
7	5 8 4	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

Metes-and-Bounds Survey, East Half of Section 8 Pages 6-9
Metes-and-Bounds Survey, Northwest 1/4 of Section 8 . Pages 9-11

T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona

FEET

The following field notes describe the dependent resurvey of the east line, and a portion of the west half of the north line of section 8, and two metes-and-bounds surveys, in sections 8 and 9, Township 10 South, Range 16 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows: The survey of the north eighteen sections of Township 10 South, Range 16 East, Gila and Salt River Meridian, was made by William B. Alexander, U.S. Deputy Surveyor, in 1904. (Book 1840)

The subdivision plat labeled "Holycross Canyon", was surveyed by Norman W. Wisner (RLS 12900), filed in Cabinet A, Slide 175, in the Pinal County Recorder's Office, dated June 9, 1986.

The plat labeled "Record of Survey", was surveyed by Lonny B. Carlson (RLS 10046), filed as Fee No. 2002-054824, in the Pinal County Recorder's Office, dated October 8, 2002.

The plat labeled "Record of Survey", was surveyed by David L. Putt (RLS 13019), filed as Fee No. 2011-102934, in the Pinal County Recorder's Office, dated December 22, 2011.

The dependent resurvey of a portion of the subdivisional lines of Township 10 South, Range 16 East, Gila and Salt River Meridian, was made by Gordon R. Bubel, Cadastral Surveyor, in 2013 and 2014.

The purpose of this survey is to define the boundary, and provide descriptions of two metes-and-bounds tracts, for direct sale to private parties, under authority of the "John D. Dingell, Jr., Conservation, Management, and Recreation Act" of 2019, Public Law No: 116-9.

The "standard rebar" referred to in these notes is a steel rebar, 24 ins. long, 5/8 inch diam., driven 20 ins. in the ground, with a brass cap, 2 ins. diam., marked as noted, in a small collar of stone, or as noted.

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 July 18, 2019, for Group No. 1195, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Topcon HIPER II 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. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona

FEET

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) DK7569 SAFFORD CORS ARP, DH4513 P015 DUECECLUBS AZ2005 CORS ARP, DM7129 AZVA SYCAMORE ELEM SCH CORS ARP, DF5763 AZGB GILA COUNTY CORS ARP.

The NAD 83 (CORS96) (EPOCH:2010), geographic position of the cor. of secs. 5, 6, 7 and 8, Township 10 South, Range 16 East, is as follows:

Latitude: 32°35'10.426" N. Longitude: 110°44'23.722" W.

The NAD 83 (CORS96) (EPOCH:2010), geographic position of the cor. of secs. 8, 9, 16 and 17, Township 10 South, Range 16 East, is as follows:

Latitude: 32°34'18.169" N. Longitude: 110°43'22.175" W.

The mean magnetic declination is 9-3/4° E.

**Dependent Resurvey of the East Line of Sec. 8,
T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona**

Restoring the surveys executed by
William B. Alexander in 1904, and
Gordon R. Bubel in 2013 and 2014

Beginning at the cor. of secs. 8, 9, 16, and 17, monumented with an aluminum post, 2-1/2 ins. diam., firmly set, projecting 10 ins. above ground, with aluminum cap mkd. T10S R16E 8 9 16 17 LS 20369 1987, at the center of a mound of stone, 3 ft. base, to top of post, from which the bearing trees marked by McKay in 1987

A mesquite, 12 ins. diam., with open blaze mkd. BT, bears N. 32° E., 15.8 ft. dist. Set USFS Land Survey Monument sign on the tree.

A juniper, 10 ins. diam., dead and standing, with open blaze mkd. BT, bears S. 74° E., 28.4 ft. dist.

This corner was perpetuated by George W. McKay, R.L.S. 20369, in 1987, as shown on Arizona Land Survey Corner Record filed in Docket 1637, at page 256, in the office of the Pinal County Recorder, dated October 24, 1989.

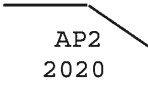
N. 0°09' W., between secs. 8 and 9

Ascend rolling hills.

**Dependent Resurvey of the East Line of Sec. 8,
T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona**

FEET	
2348.8	Angle Point No. 5 of the easterly Metes-and-Bounds tract, hereinafter described.
2504.8	Angle Point No. 4 of the easterly Metes-and-Bounds tract, hereinafter described.
2636.9	The point for the 1/4 sec. cor. of secs. 8 and 9, at proportionate dist., falls in Flag Wash 20 ft. wide, sandy, drains E. Cor. not monumented.
2768.7	The witness cor. for the one quarter sec. cor. of secs. 8 and 9, identical with Angle Point No. 1 of the easterly Metes-and-Bounds tract, monumented with a granite stone, 6 x 12 ins., projecting 6 ins. above ground, mkd. WC 1/4 on S face. The stone stands in a barbed wire fence, meanders E and W.
	N. 0°07' E., beginning new measurement
	Ascend rolling hills.
2507.5	The cor. of secs. 4, 5, 8, and 9, monumented with a stainless steel post, 2-1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T10S R16E S4 S5 S8 S9 2013, per the 2013-2014 dependent resurvey. The cor. stands in a barbed wire fence, 2 ft. N of a corner of fences bear N and E.
	<p>Dependent Resurvey of a Portion of the West Half of the North Line of Sec. 8, T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona</p>
	<p>Restoring the surveys executed by W.B. Alexander in 1904, and Gordon R. Bubel in 2013 and 2014</p>
	Beginning at the E-W-W 1/256 sec. cor. of secs 5 and 8, monumented with a rebar, 1/2 inch diam., firmly set, projecting 4 ins. above ground, with brass washer affixed, mkd. LS5713, established by Raymond L. Jones, R.L.S. No. 5713, date unknown. This rebar is accepted as a careful and faithful establishment of the cor. position.
	N. 89°59' W., between secs. 5 and 8
748.9	A rebar, 1/2 inch diam., firmly set, projecting 1 inch above ground, with aluminum cap, 1-1/2 inch diam., mkd. PUTT SURVEYING RLS 13019. This rebar was established by David L. Putt R.L.S. 13019, as depicted on Record of Survey filed as Fee No. 2011-102934, in the Pinal County Recorder's Office, dated December 22, 2011.

**Dependent Resurvey of a Portion of the West Half of the North
Line of Sec. 8, T. 10 S., R. 16 E., Gila and Salt River
Meridian, Arizona**

FEET	
759.5	Center of gravel driveway, 8 ft. wide, bears N and S.
770.0	A rebar, 1/2 inch diam., firmly set, projecting 1 inch above ground, with aluminum cap, 1-1/2 inch diam., mkd. PUTT SURVEYING RLS 13019. This rebar was established by David L. Putt R.L.S. 13019, as depicted on Record of Survey filed as Fee No. 2011-102934, in the Pinal County Recorder's Office, dated December 22, 2011.
987.8	<p>The cor. of secs. 5, 6, 7, and 8, monumented with a stainless steel post, 2-1/2 ins. diam., firmly set, projecting 2 ins. above ground, in a collar of stone, 2 ft. diam., with brass cap mkd. T10S R16E S5 S6 S7 S8 2013 per the 2013-2014 dependent resurvey.</p> <p>From this corner point, the E-E-E 1/256 sec. cor. of secs. 6 and 7, monumented with a rebar, 1/2 inch diam., flush with the ground, bears N. 89°54' W., 328.1 ft. dist.</p> <p>From this same corner point, the reference monument for the E-E-E 1/256 sec. cor. of secs 6 and 7, monumented with a stainless steel post, 2-1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. RM T10S R16E S6 40.0 FT TO COR S7 2013, bears N. 89°54' W., 288.0 ft. dist.</p> <hr/> <p style="text-align: center;">Survey of a Metes-and-Bounds Tract in the East Half of Section 8, and in the West Half of Section 9, T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>Beginning at Angle Point No. 1 of this Metes-and-Bounds tract, hereinbefore described.</p> <p>N. 88°20' E., on line 1-2 of this tract, along old wire fence line, meanders.</p>
155.0	<p>The point for Angle Point No. 2.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T10S R16E S9</p>  <p>AP2 2020</p> </div> <p>Build small witness mound of stone W side of the rebar.</p> <hr/>
88.0	<p>S. 52°00' E., on line 2-3 of this tract, along portions of old wire fence line, meanders.</p> <p>Old road, 8 ft. wide, sandy surface, bears ENE and WSW.</p>

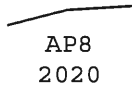
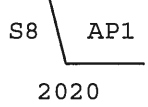
Survey of a Metes-and-Bounds Tract in the East
Half of Section 8, and in the West Half of Section 9,
T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona

FEET	
100.0	<p>The point for Angle Point No. 3.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center;"> <p>T10S R16E</p> <p>AP3 S9</p> <p>2020</p> </div> <p>Build small witness mound of stone and broken concrete, SW side of the rebar.</p> <hr/> <p>S. 48°24' W., on line 3-4 of this tract, along portions of old wire fence line, partially down, meanders.</p>
311.6	<p>The point for Angle Point No. 4, at the intersection with the line between secs. 8 and 9, at a point from which the Witness Cor. for the 1/4 sec. cor. of secs. 8 and 9 bears N. 0°09' W., 263.9 ft. dist.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center;"> <p>T10S R16E</p> <p>AP4 S9</p> <p>2020</p> </div> <p>Build small witness mound of stone SE side of the rebar.</p> <p>Corner is located 5 ft. SE of old barbed wire fence, mostly down, bears NE and SW, on brushy NE slope.</p> <hr/> <p>S. 0°09' E., on line 4-5 of this tract, and on the line between secs. 8 and 9.</p>
60.0	Overhead power lines, bear NE and SW.
103.0	Top of flat ridge, bears NW and SE.
156.0	<p>The point for Angle Point No. 5.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center;"> <p>T10S R16E</p> <p>AP5 S9</p> <p>S8</p> <p>2020</p> </div>

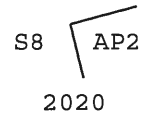
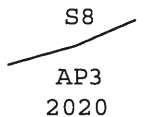
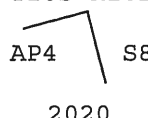
Survey of a Metes-and-Bounds Tract in the East
Half of Section 8, and in the West Half of Section 9,
T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona

FEET	
	<p>From this cor. point, a 40d nail, driven in W side of power pole in power line extends NE and SW, bears N. 16° W., 80.8 ft. dist.</p> <p>Build small witness mound of stone N side of the rebar.</p> <p>Corner is located on open SW slope.</p> <hr/> <p>S. 81°30' W., on line 5-6 of this tract.</p>
136.0	Overhead power lines, bear NE and SW.
405.7	<p>The point for Angle Point No. 6.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center;"> <p>T10S R16E</p> <p>S8 AP6</p> <p>2020</p> </div> <p>Build small witness mound of stone N side of the rebar.</p> <p>Corner is located in dense thicket of cat's claw, manzanita, and scrub oak, on N slope.</p> <hr/> <p>North, on line 6-7 of this tract.</p>
360.0	<p>The point for Angle Point No. 7 falls in the center of Flag Wash, 24 ft. wide, sandy, drains ESE, at a point impracticable to set a permanent monument.</p> <hr/> <p>N. 70°00' E., on line 7-8 of this tract</p>
30.0	<p>The point chosen for the Witness Cor. for Angle Point No. 7.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center;"> <p>WC</p> <p>T10S R16E</p> <p>S8 AP7</p> <p>2020</p> </div> <p>Build small witness mound of stone E side of the rebar.</p> <p>Corner is located on top of flat left bank of the wash, 12 ft. NNW of old barbed wire fence, bears ENE and WSW.</p> <p>Ascend across gentle S slope.</p>

Survey of a Metes-and-Bounds Tract in the East
Half of Section 8, and in the West Half of Section 9,
T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona

FEET	
320.0	<p>The point for Angle Point No. 8.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center;"> <p>T10S R16E S8</p>  <p>AP8 2020</p> </div> <p>Build small witness mound of stone S side of the rebar.</p> <p>Corner is located at S edge of hiking trail, 6 ft. wide, bears E and W, on gentle S slope.</p> <hr/> <p>N. 84°00' E., on line 8-1 of this tract.</p>
40.0	Center of driveway, 8 ft. wide, graded dirt surface, bears ENE and SW.
100.0	<p>Angle Point No. 1, hereinbefore described.</p> <hr/> <p style="text-align: center;">Survey of a Metes-and-Bounds Tract in the Northwest Quarter of Section 8, T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>Beginning at the point for Angle Point No. 1.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center;"> <p>T10S R16E</p>  <p>S8 \ AP1 2020</p> </div> <p>From which</p> <p>The cor. of secs. 5, 6, 7, and 8, hereinbefore described, bears N. 70°31' W., 877.5 ft. dist.</p> <p>N. 16°35' W., on line 1-2 of this tract.</p>
123.0	The point for Angle Point No. 2, on the proposed southerly Right-Of-Way line of Cody Loop Road, a county road, asphalt surface, 20 ft. wide.

Survey of a Metes-and-Bounds Tract in the Northwest
Quarter of Section 8, T. 10 S., R. 16 E.,
Gila and Salt River Meridian, Arizona

FEET	
	<p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T10S R16E</p>  <p>S8 AP2</p> <p>2020</p> </div> <hr/> <p>N. 68°00' E., on the proposed southerly Right-Of-Way line of Cody Loop Road, and on line 2-3 of this tract.</p>
105.0	Center of driveway, 20 ft. wide, graded dirt surface, bears NNW and SSE.
135.0	<p>The point for Angle Point No. 3. This point is the beginning of a circular curve to the left (concave to the NNW), having a radius of 1033.0 ft.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T10S R16E</p>  <p>S8</p> <p>AP3</p> <p>2020</p> </div> <p>No collar of stone. Corner falls at S edge of loose stone curb, bears E and W.</p> <hr/>
142.6	<p>Along line 3-4 of this tract, on the proposed southerly Right-Of-Way line of Cody Loop Road, along said circular curve, having a delta of 7°54'34", an arc length of 142.6 ft., the chord of said arc bears N. 64°02'43" E., 142.5 ft. to the point for Angle Point No. 4.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T10S R16E</p>  <p>AP4 S8</p> <p>2020</p> </div> <p>From this point, the E-W-W 1/256 sec. cor. of secs. 5 and 8, hereinbefore described, bears N. 43°02' W., 84.4 ft. dist.</p> <hr/>
180.0	<p>S. 16°35' E., on line 4-5 of this tract.</p> <p>The point for Angle Point No. 5.</p>

Survey of a Metes-and-Bounds Tract in the Northwest
 Quarter of Section 8, T. 10 S., R. 16 E.,
 Gila and Salt River Meridian, Arizona

FEET	<p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T10S R16E</p> <p>AP5 } S8</p> <p>2020</p> </div> <p>Corner is located 4 ft. E of E edge of gravel driveway, bears NNW and SSE.</p> <hr/> <p>S. 23°40' W., on line 5-6 of this tract.</p>
63.7	<p>The point for Angle Point No. 6.</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T10S R16E</p> <p>AP6 / S8</p> <p>2020</p> </div> <p>Corner is located 12 ft. NW of old barbed wire fence bears NE and SW, on rocky E slope.</p> <hr/> <p>West, on line 6-1 of this tract.</p>
244.0	<p>Angle Point No. 1, hereinbefore described.</p> <hr/> <p style="text-align: center;">AREAS</p> <hr/> <p>The easterly tract contains 4.50 acres.</p> <p>The northerly tract contains 1.10 acres</p> <hr/>

T. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona

FEET

GENERAL DESCRIPTION

This survey is located on the Coronado National Forest, approximately 3 miles southeasterly of the Town of Oracle, Arizona. From Oracle, access the northerly tract by way of Cody Loop Road, and access the easterly tract by way of Mount Lemmon Highway.

The terrain surrounding the tracts consists of rolling hills, in a scattered manzanita, scrub oak, and juniper forest. The elevation is approximately 4750 ft. above sea level.

The mean magnetic declination of $9-3/4^{\circ}$ E. was derived from the United States National Oceanic and Atmospheric Administration (NOAA), National Centers for Environmental Information (NCEI), utilizing the World Magnetic Model (WMM 2014-2019).

CERTIFICATE OF SURVEY

I, Robin D. Rasmussen, U.S. Forest Service Land Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 18th day of July, 2019, I have dependently resurveyed the east line, and a portion of the west half of the north line, of section 8, and surveyed two metes-and-bounds tracts, in secs. 8 and 9, T. 10 S., R. 16 E., 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, 2009, and in the specific manner described in the foregoing field notes.

2/04/2021
(Date)

Robin D Rasmussen
(U.S. Forest Service Land Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of the east line, and a portion of the west half of the north line of section 8, and survey of two metes-and-bounds tracts, in secs. 8 and 9, T. 10 S., R. 16 E., Gila and Salt River Meridian, in the State of Arizona, executed by Robin D. Rasmussen, U.S. Forest Service Land Surveyor, having been critically examined and found correct, are hereby approved.

2/09/2021
(Date)

Mark M. M... ..
(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. 10 S., R. 16 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~