

ORIGINAL

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

FIELD NOTES

OF THE DEPENDENT RESURVEY OF
A PORTION OF HOMESTEAD ENTRY SURVEY NO. 48,
AND A METES-AND-BOUNDS SURVEY IN SECTION 23,
TOWNSHIP 10 NORTH, RANGE 10 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 March 7, 2019, approved March 11, 2019, which provided for the surveys included under Group No. 1193, and assignment instructions dated March 11, 2019.

Survey commenced May 6, 2019

Survey completed May 24, 2019

INDEX DIAGRAM

TOWNSHIP 10 NORTH RANGE 10 EAST
GILA & SALT RIVER MERIDIAN, ARIZONA

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

FEET

The following field notes describe the dependent resurvey of a portion of Homestead Entry Survey No. 48, and a metes-and-bounds survey in section 23, Township 10 North, Range 10 East, Gila and Salt River Meridian, Arizona.

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

The survey of Township 10 North, Range 10 East, Gila and Salt River Meridian, was made by Charles L. Campbell, U.S. Deputy Surveyor, in 1904-1908. (Book 2081)

The survey of Homestead Entry Survey No. 48, in Township 10 North, Range 10 East, Gila and Salt River Meridian, was made by Howard G. Hopkins, U.S. Mineral Surveyor, in 1910.

The plat labeled "Record of Survey", was surveyed by Robert M. Slaughter (RLS 13570), Record of Survey Map No. 33, filed at the Gila County Recorder's Office, dated August 3, 1981.

The plat labeled "Record of Survey/Minor Land Division", surveyed by Raymond L. Jones (RLS 5713), Record of Survey Map No. 2123, filed at the Gila County Recorder's Office, dated December 11, 2001.

The plat labeled "Record of Survey/Minor Land Division", was surveyed by Blair C. Meggitt (RLS 18436), Record of Survey Map No. 2339, filed at the Gila County Recorder's Office, dated January 8, 2003.

The plat labeled "Record of Survey/Minor Land Division", was surveyed by Raymond L. Jones (RLS 5713), Record of Survey Map No. 2698, filed at the Gila County Recorder's Office, dated July 12, 2004.

The plat labeled "Record of Survey/Lot Line Adjustment", was surveyed by William R. Ingram (RLS 34555), Record of Survey Map No. 4484, filed at the Gila County Recorder's Office, dated June 24, 2015.

The plat labeled "Record of Survey/Minor Land Division", was surveyed by William R. Ingram (RLS 34555), Record of Survey Map No. 4921, filed at the Gila County Recorder's Office, dated August 7, 2018.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions (2009), and the Special Instructions dated March 7, 2019, for Group No. 1193, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Topcon HYPER II model receivers.

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

FEET

The purpose of this survey is to define the boundary, and provide a description of, a Metes-and-Bounds tract for a direct sale to private parties, under authority of the Small Tracts Act of January 12, 1988 (96 Stat. 2535; 16 U.S.C. 521 c-i), as amended.

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

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) DH4513 P015 DUECECLUBSAZ2005 CORS ARP, DF6753 AZGB GILA COUNTY CORS ARP, DN4496 AZUP USERY MOUNTAIN PK CORS ARP, and DL1882 AZFL NAU FLAGSTAFF CORS ARP.

The NAD 83 (CORS96) (EPOCH:2010), geographic position of Cor. No. 1, Homestead Entry Survey No. 48, is as follows:

Latitude: 34°11'19.662" N. Longitude: 111°17'22.899" W.

The NAD 83 (CORS96) (EPOCH:2010), geographic position of Cor. No. 12, Homestead Entry Survey No. 48, is as follows:

Latitude: 34°11'42.478" N. Longitude: 111°17'27.103" W.

The mean magnetic declination is 10° E.

**Dependent Resurvey of a portion of H.E.S. No. 48,
T. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Howard G. Hopkins in 1910

Beginning at Cor. No. 11, H.E.S. No. 48, monumented with an iron pipe, 5/8 inch diam., firmly set, projecting 1 inch above the surface of the ground, with yellow plastic cap, weathered and dimly mkd. LS 13570. No trace of the 1910 marked stone or mound of stone remains. The iron pipe stands on the left bank of a rocky wash, drains S. This corner was re-established by Robert M. Slaughter, RLS 13570, in 1981, as shown on Record of Survey Map No. 33, filed at the Gila County Recorder's Office, and dated August 3, 1981, and is accepted as a careful and faithful re-establishment of the original corner.

Dependent Resurvey of a Portion H.E.S No. 48,
T. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona

FEET	
	<p>From this point, the 1/4 sec. cor. of secs. 23 and 24, bears N. 00°27' E., 211.90 ft. dist. (record N. 00°23' E., 212.52 ft. dist.), monumented with an iron pipe, 5/8 inch diam., flush with the surface of the ground, with no identifying marks, leaning sharply to the S. The measurement was made to the point at which the pipe enters the ground, as exposed. No trace of the 1908 marked stone or mound of stone remains. The iron pipe stands in the center of the same rocky wash, drains S., at a point that is impracticable to re-monument. This corner was re-established from the 1908 bearing tree, by Robert M. Slaughter, RLS 13570, in 1981, as shown on Record of Survey Map No. 33, filed at the Gila County Recorder's Office, dated August 3, 1981.</p> <p>From which the 1908 bearing tree</p> <p style="padding-left: 40px;">A juniper, 24 ins. diam., with partially healed blaze, with ax marks showing, no other marks visible, bears S. 54° E., 48.84 ft. dist. Affix USFS Bearing Tree sign to the tree.</p> <p>S. 66°34'10" E., on line 11-12 of H.E.S. 48</p>
54.8	<p>Cor. No. 12, H.E.S. No. 48, monumented with an iron pipe, 5/8 inch diam., firmly set, projecting 1 inch above the surface of the ground, with yellow plastic cap, weathered and dimly mkd. LS 13570, at the center of a mound of stone, 2 1/2 ft. base, embedded. The 1910 red granite stone, 6 ins. x 7 ins. x 16 ins., (record 6 ins. x 12 ins. x 24 ins.) dimly mkd. HES with other markings visible but illegible, lies loose at the east side of the mound. This corner was re-established by Robert M. Slaughter, RLS 13570, in 1981, as shown on Record of Survey Map No. 33, filed at the Gila County Recorder's Office, dated August 3, 1981, and is accepted as a careful and faithful re-establishment of the original corner.</p> <p>At the corner point</p> <p>Drive a standard rebar, 22 ins. in the ground, with brass cap marked</p> <div data-bbox="808 1444 1039 1617" style="text-align: center;"> </div> <p>From which the 1910 bearing tree</p> <p style="padding-left: 40px;">A juniper stump, 24 ins. diam., 10 ins. high, bears S. 85° E., 53 ft. slope dist. (record S. 70°34' E., 53.46 ft.). Affix a USFS Bearing Tree sign to the stump.</p> <p>Place the marked red granite stone in the mound of stone, east of the rebar. Deposit the iron pipe on the south side of the rebar.</p>

**Dependent Resurvey of a Portion H.E.S No. 48,
T. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona**

FEET	
	<p>A steel "T" post stands alongside the rebar. Affix a USFS Land Survey Monument (LSM) sign to the post.</p> <hr/> <p>S. 21°54'10" W., on line 12-13 of H.E.S. No. 48.</p>
137.6	<p>Cor. No. 13, H.E.S. No. 48, monumented with an iron pipe, 5/8 in. diam., firmly set, projecting 4 ins. above the surface of the ground, with no identifying marks, at the center of a mound of stone, 3 ft. base, embedded, and with a stone 8 ins. x 10 ins. x 20 ins. (record 10 ins. x 12 ins. x 24 ins.) mkd. HES, loose, 5 ft. S. of the iron pipe. Place the marked stone in the mound of stone, south of the iron pipe. Corner stands on the right bank of the same rocky wash, drains S. This corner was re-established by Robert M. Slaughter, RLS 13570, in 1981, as shown on Record of Survey Map No. 33, filed at the Gila County Recorder's Office, dated August 3, 1981, and is accepted as a careful and faithful re-establishment of the position of the original corner.</p> <hr/> <p>S. 21°54'10" W., on line 13-14 of H.E.S. No. 48, beginning new measurement.</p>
418.6	<p>An iron pipe, 5/8 in. diam., firmly set, 2 ins. below the surface of the ground, with yellow plastic cap mkd. LS 13570. Established by Robert M. Slaughter as depicted on Record of Survey Map No. 33, filed at the Gila County Recorder's Office, dated August 3, 1981. From this iron pipe an angle point in a wire fence, with fences extending S. 22° W. and N. 67° W., bears N. 51° W., 2.4 ft. dist.</p>
585.0	<p>A steel rebar, 1/2 inch diam., firmly set, projecting 1 inch above the surface of the ground, with no identifying marks. Established by Raymond L. Jones, RLS 5713, as depicted on Record of Survey Map No. 2123, filed at the Gila County Recorder's Office, dated December 11, 2001.</p>
972.3	<p>A steel rebar, 1/2 inch diam., firmly set, flush with the surface of the ground, with brass washer mkd. LS 24516. Established by Raymond L. Jones, RLS 5713, as depicted on Record of Survey Map No. 2123, filed at the Gila County Recorder's Office, dated December 11, 2001. The rebar stands in a wire fence, bears N. 22° E. and S. 22° W.</p>
1332.5	<p>From this point, a steel rebar, 1/2 inch diam., firmly set, projecting 2 ins. above the surface of the ground, with brass washer mkd. LS 5713, bears N. 68°06' W., 0.9 ft. dist. Established by Raymond L. Jones, RLS 5713, as depicted on Record of Survey Map No. 2698, filed at the Gila County Recorder's Office, dated July 12, 2004. The rebar stands 2 ft. ESE of a wire fence, bears N. 22° E. and S. 22° W., and 0.5 ft. SSW of a fence cor., with wire fence extending WNW.</p>

Dependent Resurvey of a Portion H.E.S No. 48,
T. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona

FEET	
1541.1	<p>From this point, a steel rebar, 1/2 inch diam., firmly set, projecting 2 ins. above the surface of the ground, with no identifying marks, bears N. 74°51' W., 1.45 ft. dist. Established by Raymond L. Jones, RLS 5713, as depicted on Record of Survey Map No. 2698, filed at the Gila County Recorder's Office, dated July 12, 2004.</p>
1796.4	<p>Angle Point No. 4, of the Metes-and-Bounds Tract, hereinafter described.</p>
1841.4	<p>Cor. No. 14, H.E.S. No. 48, identical with Angle Point No. 1 of the Metes-and-Bounds Tract, determined by measurement to the 1910 bearing tree, no trace of the 1910 marked stone or mound of stones remain. The position is confirmed at record distance from Cor. No. 13, H.E.S. No. 48, hereinbefore described, according to the local record as shown on Record of Survey Map No. 33 (record: 1841.44 ft.).</p> <p>At the corner point</p> <p>Drive a standard rebar, with brass cap mkd.</p> <div data-bbox="730 955 1023 1165" data-label="Diagram"> </div> <p>From which the 1910 bearing tree</p> <p style="padding-left: 40px;">An oak, 32 inch diam., no marks visible, bears N. 32° E., 33.0 ft. dist.</p> <p>A corner of fences, bears N. 22° E., 4.3 ft. dist., with fences extending N. 22° E. and N. 66° W.</p> <p>From this point, an iron pipe, 5/8 inch diam., firmly set, projecting 2 ins. above the surface of the ground, with brass disc mkd. LS 34555 affixed, bears N. 66°28'50" W., 123.1 ft. dist. The iron pipe is located at a corner of fences, with fences extending ESE and SSW. The iron pipe is depicted on Record of Survey Map No. 2339, filed at the Gila County Recorder's Office, dated January 8, 2003.</p> <hr/> <p>S. 66°40'20" E., on line 14-15, H.E.S. 48.</p>
3.0	<p>Westerly line of house, bears S. 28° W. and N. 28° E., at a point which bears S. 28° W., 2 ft. dist., from a NW cor. thereof.</p>

**Dependent Resurvey of a Portion H.E.S No. 48,
T. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona**

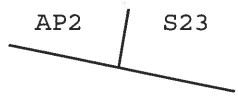
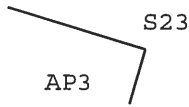
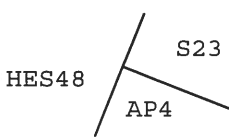
FEET	
50.0	Northerly line of house, bears N. 62° W. and S. 62° E., at a point which bears N. 62° W., 36 ft. dist., from the NE cor. thereof.
83.0	Chain link fence, 3.5 ft. high, bears N. 28° E. and S. 28° W.
120.0	Angle Point No. 2 of the Metes-and-Bounds Tract, hereinafter described.
387.7	A steel rebar, 5/8 inch diam., firmly set, projecting 2 ins. above the surface of the ground, with no identifying marks, at center of a small collar of stone, with steel "T" post alongside. Established by William R. Ingram, RLS 34555, as depicted on Record of Survey Map No. 4484, filed at the Gila County Recorder's Office, dated June 24, 2015.
486.6	A steel rebar, 5/8 inch diam., firmly set, flush with the surface of the ground, with brass disc mkd. RLS 24516 affixed, with steel "T" post alongside. Established by Blair C. Meggitt, RLS 18436, as depicted on Record of Survey Map No. 2339, filed at the Gila County Recorder's Office, dated January 8, 2003.
731.8	The point for Cor. No. 15, H.E.S. No. 48, determined at proportionate distance, no trace of the original stone or accessories remain. Not monumented.

	S. 66°40'20" E., on line 15-1, H.E.S. 48, beginning new measurement.
457.0	Cor. No. 1, H.E.S. No. 48, monumented with a granite stone, 6 ins. x 12 ins., projecting 10 ins. above the surface of the ground, no marks visible, with steel "T" post stub on N side. The stone stands 1 ft. S. of a wire fence, bears WNW and ESE.

	Survey of a Metes-and-Bounds Tract in Section 23, T. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona

	Beginning at Cor. No. 14, H.E.S. No. 48, identical with Angle Point No. 1 of this tract, hereinbefore described.
	S. 66°40'20" E., on line 14-15 of H.E.S. No. 48, and line 1-2 of this tract.
120.0	The point for Angle Point No. 2. Drive a standard rebar, with brass cap mkd.

Survey of a Metes-and-Bounds Tract in Section 23,
T. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona

FEET	
	<div style="text-align: center;"> <p>T10N R10E</p>  <p>HES48</p> <p>2019</p> </div>
<p>45.0</p>	<p>N. 21°54'10" E., on line 2-3 of this tract.</p> <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>T10N R10E</p>  <p>2019</p> </div> <p>Set a steel sign post with LSM and USFS Boundary signs affixed, 0.5 ft., N. 67° W. of the rebar.</p>
<p>118.0</p>	<p>N. 66°40'20" W., on line 3-4 of this tract.</p> <p>The point for the Witness Cor. to Angle Point No. 4.</p> <p>Drive a standard rebar, with brass cap mkd.</p>
	<div style="text-align: center;"> <p>WC</p> <p>T10N R10E</p>  <p>HES48</p> <p>AP4</p> <p>2019</p> </div> <p>Set a steel sign post with LSM and USFS Boundary signs affixed, 0.5 ft., S. 67° E. of the rebar.</p>
<p>119.0</p>	<p>Wire fence, bears N. 22° E., and S. 22° W.</p>
<p>120.0</p>	<p>The true point for Angle Point No. 4, on line 13-14 of H.E.S. No. 48, falls at a point where it is impracticable to establish a permanent monument.</p>

Survey of a Metes-and-Bounds Tract in Section 23,
T. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona

FEET	S. 21°54'10" W., on line 4-1 of this tract.
45.0	Angle Point No. 1, hereinbefore described.
	<hr/> <p style="text-align: center;">AREA</p> <hr/>
	This tract contains 0.12 acres.

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

FEET	GENERAL DESCRIPTION
	<p>This survey is located on Gibson Ranch Road, approximately 4 miles southerly of Payson, Arizona. From Payson, access the tract by way of State Highway 87, about 4 miles south to Gibson Ranch Road, a county road. Travel east on Gibson Ranch Road about 2 miles to the survey site on the north side of the Road.</p> <p>The terrain surrounding the tract is open and rolling, in a scattered piñon and juniper forest. The elevation is approximately 4700 ft. above sea level.</p> <p>The mean magnetic declination of 10° 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).</p>

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 7th day of March, 2019, I have dependently resurveyed a portion of Homestead Entry Survey No. 48, and performed a metes-and-bounds survey in section 23, T. 10 N., R. 10 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.

6/26/2019
(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 a portion of Homestead Entry Survey No. 48, and a metes-and-bounds survey in section 23, T. 10 N., R. 10 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.

7/3/2019
(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. 10 N., R. 10 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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