

ORIGINAL

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

FIELD NOTES
OF THE DEPENDENT RESURVEY
OF A PORTION OF THE EAST BOUNDARY
OF THE FORT MCDOWELL INDIAN RESERVATION,
HOMESTEAD ENTRY SURVEY NUMBER 413,
AND A PORTION OF THE SUBDIVISIONAL LINES,
THE SUBDIVISION OF SECTION 27,
AND A METES-AND BOUNDS SURVEY OF LOT 13, SECTION 27,
TOWNSHIP 4 NORTH, RANGE 7 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated April 28, 2017, approved April 28, 2017, and Supplemental Special Instructions dated May 9, 2017, approved May 9, 2017, which provided for the surveys included under Group No. 1172, and assignment instructions dated April 28, 2017.

Survey commenced May 8, 2017

Survey completed June 14, 2017

INDEX DIAGRAM

TOWNSHIP 4 NORTH RANGE 7 EAST
GILA & SALT RIVER MERIDIAN, ARIZONA

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T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary of the Fort McDowell Indian Reservation, Homestead Entry Survey Number 413, and a portion of the subdivisional lines, the subdivision of section 27, and a metes-and-bounds survey of lot 13, section 27, Township 4 North, Range 7 East, Gila and Salt River Meridian, Arizona.

The history pertaining to this survey and resurvey is as follows:

Camp McDowell Military Post was created by an executive order dated April 12, 1867. Camp McDowell Military Post was officially renamed Fort McDowell Military Reservation by executive order dated March 30, 1870. The military reservation was formally abandoned in 1891. In 1903 these lands were withdrawn as the Fort McDowell Indian Reservation.

Camp McDowell Military Post was initially surveyed by a U.S. Army Engineer in 1876. In 1888, L.D. Chillson reestablished the south boundary of the Fort McDowell Military Reservation. In 1900, Homer Santee rejected the 1888 Chillson survey, recovered evidence of the U.S. Army Engineer's 1876 survey and resurveyed the boundaries of the abandoned Fort McDowell Military Reservation. In 1911, Robert A. Farmer resurveyed portions of the Santee survey.

The subdivisional lines and the meanders of the Verde River and Sycamore Wash within the Fort McDowell Military Reservation were surveyed by Philip Contzen in 1903. In 1911, Robert A. Farmer rejected the Contzen survey and established new subdivisional lines and meanders within the Fort McDowell Military Reservation, identical with the Fort McDowell Indian Reservation. Walter G. Turley in 1916 surveyed the bounds of Homestead Entry Survey number 413, in unsurveyed sections 26 and 27. Paul G. Bauer in 1966 surveyed portions of the subdivisional lines outside the Fort McDowell Indian Reservation.

In 2000, The Fort McDowell Mohave-Apache Community, a sovereign Indian Nation, via exchange with the Tonto National Forest acquired lot 13, section. 27.

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, the Special Instructions dated April 28, 2017 and the Supplemental Special Instructions dated May 9, 2017, for Group Number 1172, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation R8 model receivers.

T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

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.

The United States Forest Service signs utilized in this survey are sheet metal 10 x 7 ins. Sign # 54-2 is marked "PROPERTY BOUNDARY National Forest land behind this sign". Sign # 54-9 is marked in part "LAND SURVEY MONUMENT Please do not disturb".

Geodetic control was derived from Global Navigation Satellite System (GNSS) static observations post processed by Trimble Corporation. The NAD83-2011, horizontal position of the corner of sections 26, 27, 34 and 35, is as follows:

Latitude: 33°39'17.454" N. Longitude: 111°36'50.986" W.

The NAD83-2011, horizontal position of the 7 mile corner on the east boundary of the Ft. McDowell Indian Reservation is as follows:

Latitude: 33°40'33.830" N. Longitude: 111°37'32.368" W.

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

**Dependent Resurvey of a Portion of the East Boundary
of the Fort McDowell Indian Reservation**

Restoring the survey executed by Homer Santee, in 1901
and the resurvey executed by Robert A. Farmer in 1911.

Beginning at the 7 mile cor. of the east boundary of the Fort McDowell Indian Reservation (hereinafter referred to as FMIR), monumented with a granite stone, 12 x 12 x 8 ins. above ground, firmly set, mkd. PL on the E. face, FT MCD and other illegible marks on the W. face, with a scattered mound of stones to the W., rebuild to 3 ft. base, 1 1/2 ft. high.

From this cor., an iron post, 1 in. diam., firmly set, projecting 15 ins. above ground, bears W., 1 lk. dist., with brass cap mkd. 7 MP CMCDIR WC 1911. Add the marks T4N R7E 2017 to the brass cap.

Cor. is located in a barbed wire fence, bears N. 7° E. and S. 7° W.

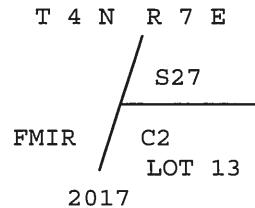
S. 6°34' W., on mile 8 of the E. bdy. of the FMIR.

Dependent Resurvey of a Portion of the East Boundary
of the Fort McDowell Indian Reservation,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Descending over broken land, through palo verde, mesquite and greasewood, in and along a barbed wire fence.</p>
<p>37.32</p>	<p>Point for the closing cor. of secs. 22 and 27, not monumented.</p> <p>From this point the 1911 closing cor. of secs. 22 and 27, bears S. 89°54' W., 2 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above ground, encircled with a collar of stone, with brass cap mkd. CC FMCDIR S22 R7E T4N S27 1966 1911. Add the marks T4N R7E 2017 to the brass cap. With a mound of stone, 2 1/2 ft. base, 1 ft. high to the W., and a steel fence post, with USFS sign # 54-4, alongside and to the E.</p> <p>The 1911 closing cor. is located 3 1/2 lks. W. of a barbed wire fence, bears N. 7° E. and S. 7° W.</p>
<p>39.90</p>	<p>The 7 1/2 mile cor. of the FMIR, reestablished 1 lk. E. of the 1911 witness cor., an iron post, 1 in. diam., firmly set, projecting 17 ins. above ground, with brass cap mkd. 7 1/2 MP CMCDIR WC 1911. Add the marks T4N R7E 2017 to the brass cap. A mound of stone, 2 ft. base, 1 ft. high, is alongside and to the W.</p> <p>At the corner point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 4 N R 7 E</p> <p>FMIR</p> <p>7 1/2 / S27</p> <p>M</p> <p>2017</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the 1911 iron post, 36 ins. long, alongside the stainless steel post.</p> <p>Cor. is located 1 lk. E. of a barbed wire fence, bears N. 7° E. and S. 7° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 6°34' W., beginning new measurement.</p>
<p>37.71</p>	<p>Point for cor. No. 2, of the metes-and-bounds survey of Lot 13, at intersection with the E. and W. center line of sec. 27.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the East Boundary
of the Fort McDowell Indian Reservation,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS



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

Set a steel fence post with attached United States Forest Service (hereinafter USFS) signs # 54-2 and # 54-9 alongside the cor.

Continuing measurement, identical with a portion of the metes-and-bounds survey of Lot 13.

The survey of the E. and W. center line of sec. 27 is hereinafter described.

39.77

The 8 mile cor. of the FMIR, monumented with a granite stone, 19 x 14 x 6 ins., set 4 ins. below the surface, marked FTMC DMR 8 M on the W. face. With a 8 x 8 x 4 ins. portion of the top and E. faces of the stone broken off.

With an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, 1 lk. to the W., with brass cap stamped 8 MP CMCDIR WC 1911. Add the marks T4N R7E 2017 to the brass cap.

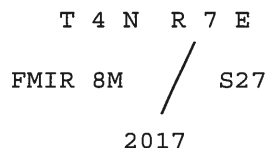
from which the remaining original bearing trees

A forked and limbed mesquite, 24 ins. diam., at base bears N. 59° E., 155 lks. dist., no marks visible. (Record: N. 58 1/2° E., 154 lks. dist.)

A forked and limbed mesquite, 36 ins. diam., at base bears S. 81 1/4° E., 249 lks. dist., no marks visible. (Record: S. 78° E.)

At the corner point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.



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

**Dependent Resurvey of a Portion of the East Boundary
of the Fort McDowell Indian Reservation,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS

Bury the marked stone and the 1911 iron post, (36 ins. long) alongside the stainless steel post.

Cor. is located 1 lk. W. of a barbed wire fence, bears N. 7° E. and S. 7° W.

S. 6°44' W., on mile 9 of the FMIR.

Identical with a portion of the metes-and-bounds survey of Lot 13, hereinafter described.

Descending over broken land, through palo verde, mesquite and greasewood, in and along a barbed wire fence.

26.85

The witness cor. to the 8 1/2 mile cor. of the FMIR, monumented with a granite stone, 31 x 11 x 8 ins., set 25 ins. in the ground, mkd. PL on the E. face. A 6 x 6 x 6 ins. portion of the top and W. faces of the stone have broken off.

An iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap stamped 8 1/2 MP CMCDIR WC 1911, bears W., 1 lk. dist. Add the marks T4N R7E 2017 to the brass cap.

from which the remaining original bearing tree

A mesquite, 20 ins. diam., bears S. 39 1/4° W., 49 lks. dist., with illegible scribe marks on a partially healed blaze.

At the corner point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

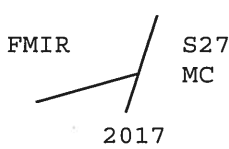
WC
T 4 N R 7 E
FMIR
8 1/2M S27
 ↓
 2017

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

Bury the marked stone and the iron post, (36 ins. long) alongside the stainless steel post.

Cor. is located 1 lk. W. of a barbed wire fence, bears N. 7° E. and S. 7° W.

Dependent Resurvey of a Portion of the East Boundary
of the Fort McDowell Indian Reservation,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>S. 7°46' W., beginning new measurement.</p> <p>Identical with a portion of the metes-and-bounds survey of Lot 13, hereinafter described.</p> <p>0.89 The meander cor. on the right bank of Sycamore Creek, monumented with a granite stone, 14 x 13 x 7 ins., set 7 ins. in the ground, mkd. MC on the N. face, and FTMCDCMR on the W. face.</p> <p>From this cor. the remnants of the 1911 witness cor. to the meander cor., bears W., 1 lk. dist., monumented with an iron post, 1 in. diam., 3 ins. below the surface, sans brass cap.</p> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A root ball, 36 ins. diam., bears S. 48 1/2° E., 33 lks. dist., lying alongside an uprooted and living mesquite, with a rotted blaze.</p> <p style="padding-left: 40px;">A mesquite snag, 30 ins. diam., bears S. 75 3/4° W., 77 lks. dist., with illegible scribe marks visible on an opened blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 4 N R 7 E</p>  </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the marked stone and the remnants of the iron post, (18 ins. long) alongside the stainless steel post.</p> <p>Cor. is located 2.5 lks. W. of a barbed wire fence, bears N. 7° E. and S. 7° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 6°41' W., beginning new measurement.</p> <p>Identical with a portion of the metes-and-bounds survey of Lot 13, hereinafter described.</p>
7.80	<p>Right cut bank, main channel of Sycamore Creek, 3 ft. high, course S. 60° W.</p>

**Dependent Resurvey of a Portion of the East Boundary
of the Fort McDowell Indian Reservation,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
10.49	<p>Point for the closing cor. of secs. 27 and 34, falls within the main channel of Sycamore Creek, where a permanent monument would be impracticable.</p> <p>From this point, the top NE cor. of a concrete barrier, 5 x 2.5 x 2.5 ft., bears S. 19°58' W., 47.5 lks. dist.</p> <p>From this same point, the top SE cor. of a concrete barrier, 5 x 2.5 x 2.5 ft., bears S. 79°28' W., 139 lks. dist.</p> <p>Exit lot 13.</p>
12.10	<p>Point for the 8 1/2 mile cor. of the FMIR, at proportionate dist., utilizing the irregular boundary line method of adjustment. Falls in the main channel of Sycamore Creek where it is impracticable to establish a permanent monument.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 6°43' W., beginning new measurement.</p>
0.20	<p>Left cut bank, main channel of Sycamore Creek, 4 ft. high, course S. 45° W.</p>
39.97	<p>Point for the 9 mile cor. of the FMIR, at proportionate dist. falls in the flood plain of Sycamore Creek where it is impracticable to establish a permanent monument.</p>
40.67	<p>Point for the meander cor., on the left bank of Sycamore Creek, at proportionate dist.</p> <p>Found lying loose nearby, the original granite stone, 18 x 10 x 8 ins., mkd. PL on a face, F on the opposite face, and MC on an adjacent face. Reset the granite stone, 15 ins. in the ground, with the marks MC facing N., the marks PL facing E. and the mark F facing W.</p>
40.93	<p>The witness cor. to the 9 mile cor. of the FMIR, monumented with a granite stone, 12 x 8 x 6 ins. above ground, firmly set. Marked PL on the E. face, TMD and other illegible marks on the W. face.</p> <p>Set 1 lk. To the W., is an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap stamped 9 MP CMCDIR WC 1911. Add the marks T4N R7E 2017 to the brass cap.</p> <p>from which the remaining original bearing tree</p> <p style="padding-left: 40px;">A mesquite stump, 24 ins. diam., 15 ins. high, bears S. 4° E., 182 lks. dist., with illegible scribe marks on an open blaze.</p> <p>Cor. is located 4.5 lks. W. of a barbed wire fence, bears N. 7° E. and S. 7° W.</p> <hr style="width: 20%; margin: 10px auto;"/>

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

Restoring the survey executed by
Walter G. Turley, in 1916

From the point accepted for cor. No. 1, Homestead Entry Survey No. 413, (hereinafter HES No. 413), monumented with a rebar, 18 ins. long, 1/2 in. diam., set, 22 ins. in the ground. With attached 1 in. plastic cap stamped LS 10260. Perpetuated by Arizona R.L.S. George Nelson, date unknown. Accepted as a careful and faithful perpetuation of the original cor.

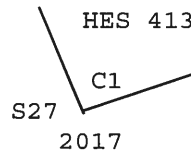
from which the remains of an original bearing tree

A mesquite stump, 24 ins. diam., 36 ins. high, bears N. 53°15' W., 191 lks. dist., no marks visible. (Record: 192 lks. dist.)

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T 4 N R 7 E



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

From this cor. point, the witness cor. to the 8 1/2 mile cor., on the E. bdy. of the Fort McDowell Indian Reservation, (hereinbefore described) bears N. 89°12' W., 3.92 chs. dist. (Record: 3.95 chs. dist.)

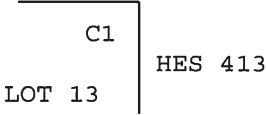
From this same cor. point, a galvanized iron pipe, 1 in. diam., firmly set, projecting 18 ins. above ground, bears N., 1 lk. dist.

N. 9°07' W., on line 1-2, of HES No. 413.

Identical with a portion of the metes-and-bounds survey of Lot 13, hereinafter described.

Ascending out of bottomland, through lands acquired by the Fort McDowell Indian Community.

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

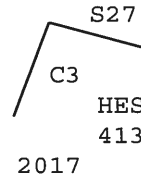
CHAINS	
10.63	<p>Cor. No. 2, HES No. 413, monumented with a granite stone, 12 x 6 ins., firmly set, projecting 10 ins. above ground. Marked 2 HES 413 on the E. face and a + on the top face. A mound of stone, 3 ft. base, 1 1/2 ft. high is alongside and E. of the cor.</p> <p>Cor. is located on a hillside, overlooking bottomlands.</p> <hr/> <p>N. 8°19' E., on line 2-3, of HES No. 413.</p> <p>Identical with a portion of the metes-and-bounds survey of Lot 13, hereinafter described.</p>
18.47	<p>Descending, through lands acquired by the Fort McDowell Indian Community.</p> <p>Point for cor. No. 1, of the metes-and-bounds survey of Lot 13, at intersection with the E. and W. center line of sec. 27.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 4 N R 7 E</p> <p>S27</p>  <p>2017</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, alongside and NW of the cor.</p> <p>Continuing measurement on the Tonto National Forest Boundary, (hereinafter TNF) setting steel fence posts, with attached USFS sign # 54-2, at 4 ch. (+/-) intervals.</p> <p>The survey of the E. and W. center line of sec. 27 is hereinafter described.</p>
18.55	Barbed wire fence, bears N. 50° E. and S. 50° W.
19.88	<p>Cor. No. 3, HES No. 413, reestablished from the remains of an original bearing tree.</p> <p style="padding-left: 40px;">A mesquite stump, 10 ins. diam., 42 ins. high, bears S. 55°30' E., 138 lks. dist., no marks visible.</p> <p>At the corner point</p>

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T 4 N R 7 E



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

Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside and N. of the cor.

From this cor. point, the original monument bears N. 76°58' E., 10 lks. dist. A granite stone, 20 x 9 x 8 ins. loosely reset, 3 ins. in the ground, by person(s) unknown, incorrectly marked 2 HES 413 on the S. face and a + on the top face. Bury the stone alongside the stainless steel post.

From this same cor. point, the 8 mile cor. bears S. 29°43' W., 3.97 chs. dist., hereinbefore described. (Record: S. 29°57' W., 3.97 chs. dist.)

Cor. is located on a rocky, S. facing slope, overlooking bottomlands.

S. 66°32' E., on line 3-4, of HES No. 413.

Setting steel fence posts, with attached USFS sign # 54-2, at 4 ch. (+/-) intervals.

1.00 Barbed wire fence, bears S. 50° W. and bears N. 50° E., for 3 lks., thence S. 65° E.


3.49 Intersect the E. and W. center line of sec. 27.

The survey of the E. and W. center line of sec. 27 is hereinafter described.

16.82 Cor. No. 4, HES No. 413, monumented with a granite stone, 26 x 15 x 8 ins., firmly set, 11 ins. in the ground. Marked 4 HES 413 on the S. face and a + on the top face.

from which the remains of an original bearing tree

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A stump hole, 12 ins. diam., bears S. 16°20' E., 104 lks. dist., with a dead and downed palo verde alongside.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 4 N R 7 E</p> <p>S27</p>  <p>C4</p> <p>HES 413</p> <p>2017</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.</p> <p>Place the marked stone, within the mound of stone.</p> <p>Cor. is located 4 lks. S. of a barbed wire fence, bears N. 65° W. and bears S. 65° E. for 13 lks., thence N. 80° E.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 80°09' E., on line 4-5, of HES No. 413.</p> <p>In and along a barbed wire fence, over rough and broken land, descending into bottomlands.</p> <p>Setting steel fence posts, with attached USFS sign # 54-2, at 4 ch. (+/-) intervals.</p>
4.76	Intersect the N. and S. center line of sec. 27.
	The survey of the N. and S. center line of sec. 27 is hereinafter described.
31.46	Intersect the E. and W. center line of sec. 27.
	The survey of the E. and W. center line of sec. 27 is hereinafter described.
45.35	Intersect the line bet. secs. 26 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. CC T4N R7E S27 S26 HES413 1966. Add the marks 2017 to the brass cap.
	Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

Cor. is located 2 lks. N. of a barbed wire fence, bears N. 80° E. and S. 80° W.

The dependent resurvey of the line bet. secs. 26 and 27, is hereinafter described.

N. 80°13' E., beginning new measurement, in sec. 26.

12.85

Cor. No. 5, HES No. 413, monumented with a quartzite stone, 19 x 14 x 6 ins., firmly set, 14 ins. in the ground. Marked 5 HES 413 on the SW face and a + on the top face.

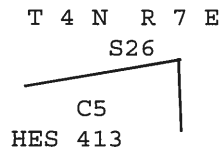
from which

A mesquite 14 ins. diam., bears N. 15°00' E., 113 lks. dist., with a healed blaze.

A forked mesquite 24 ins. diam. at base, bears N. 46°06' W., 58 lks. dist., with a rotted blaze on a 12 ins. diam. limb.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.



2017

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

Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.

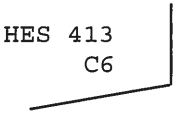
Bury the mkd. stone, alongside the stainless steel post.

Cor. is located 5 lks. NW of a downed fence cor., with barbed wire fences extending S. 10° E. and S. 80° W.

S. 0°39' E., on line 5-6, of HES No. 413.

Over bottom lands.

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set steel fence posts, with attached USFS sign # 54-2, at 4 ch. (+/-) intervals.
0.17	Graded road, 8 ft. wide, bears N. 75° E. and S. 75° W.
5.50	Barbed wire fence, identical with W. side of corral, the NE cor. bears N. 87° E., 5 lks. dist., the NW cor. bears S. 87° W., 108 lks. dist.
5.87	From this point, a 1 in. diam., open end water pipe on the E. side of a water tank, bears W., 110 lks. dist. Water tank is cement, 16 sided, 20 ft. wide, 12 ft. high.
6.35	Barbed wire fence, identical with E. side of corral, the SE cor. bears N. 89° E., 5 lks. dist., the SW cor. bears S. 89° W., 114 lks. dist.
16.00	Cor. No. 6, HES No. 413, perpetuated by Lawrence Richardson, Arizona R.L.S. No. 28739. Monumented with a rebar, 18 ins. long, 1/2 in. diam., set 17 ins. in the ground, with attached 1 in. diam. plastic cap stamped, BRW INC. RLS 28739. A scattered mound of stone is NW of the rebar. Accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the orig. bearing trees
	A mesquite snag, 12 ins. diam., 48 ins. high, bears N. 83°58' E., 18 lks. dist., with a rotted blaze. (Record: N. 85°55' E.)
	A mesquite 16 ins. diam., bears N. 17°54' W., 48 lks. dist., with a healed blaze. (Record: N. 18°38' W., 47 lks. dist.)
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T 4 N R 7 E S26</p> 
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Deposit the rebar inside the stainless steel post.

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

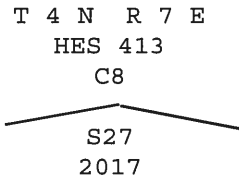
CHAINS	
	Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.
	Cor. is located 3 lks. W. of a barbed wire fence, bears N. and S.
	S. 78°24' W., on line 6-7, of HES No. 413.
	Over bottom lands.
	Setting steel fence posts, with attached USFS sign # 54-2, at 4 ch. (+/-) intervals.
0.70	Track road, 8 ft. wide, bears S. 15° E. and N. 15° W.
13.09	Intersect the line bet. secs. 26 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. HES 413 S27 S26 T4N R7E CC 1966. Add the marks 2017 to the brass cap.
	Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.
	The dependent resurvey of the line bet. secs. 26 and 27, is hereinafter described.
	S. 78°22' W., beginning new measurement, in sec. 27.
5.80	Point selected for a witness point. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a collar of stone, with brass cap mkd.
	WP T 4 N R 7 E HES 413 <hr style="width: 10%; margin: 0 auto;"/> S27 2017
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.
6.00	Right cut bank of the main channel of Sycamore Creek, 4 ft. high, course S. 80° W.

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
11.80	<p>Point for Cor. No. 7, HES No. 413, at proportionate dist., utilizing the compass rule method of adjustment. Falls in the main channel of Sycamore Creek, there is no remaining evidence of the original cor.</p> <p>At the corner point</p> <p>Set a 60D nail flush with the surface, raise a mound of stone 3 ft. base, 1 ft. high, N. of the 60D nail.</p> <p>Due to heavy off road vehicle travel in the area, setting a steel fence post alongside the corner is deemed hazardous.</p> <hr/> <p>N. 77°57' W., on line 7-8, of HES No. 413.</p> <p>Across the dry bed of the main channel of Sycamore Creek.</p>
4.90	<p>Right cut bank of the main channel of Sycamore Creek, 4 ft. high, course S. 70° W.</p>
5.14	<p>Point selected for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP</p> <p>T 4 N R 7 E</p> <p>HES 413</p> <hr style="width: 10%; margin: 0 auto;"/> <p>S27</p> <p>2017</p> </div>
15.68	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.</p> <p>Resume setting steel fence posts, with attached USFS sign # 54-2, at 4 ch. (+/-) intervals.</p> <p>Cor. No. 8, HES No. 413, monumented with a quartzite stone, 19 x 10 x 10 ins., firmly set, 14 ins. in the ground. Marked 8 HES 413 on the N. face.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p>

Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS



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

Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.

Bury the mkd. stone, alongside the stainless steel post.

S. 65°32' W., on line 8-1, of HES No. 413.

Over bottomlands.

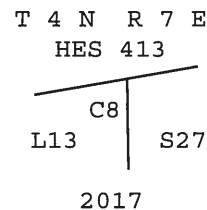
Setting steel fence posts, with attached USFS sign # 54-2, at 4 ch. (+/-) intervals.

14.39 Intersect the N. and S. center line of sec. 27.

The survey of the N. and S. center line of sec. 27 is hereinafter described.

36.34 Point for cor. No. 8, of the metes-and-bounds survey of Lot 13, at intersection with the N. and S. center line of the SW 1/4 of sec. 27.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.



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

Set a steel fence post, with attached USFS signs # 54-2 and # 54-9, alongside the cor.

Continuing measurement through lands acquired by the Fort McDowell Indian Community.

**Dependent Resurvey of Homestead Entry Survey No, 413
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	The survey of the N. and S. center line of the SW 1/4 of sec. 27 is hereinafter described.
37.83	Cor. No. 1, HES 413.
	<hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p style="text-align: center;">Restoring the survey executed by Paul G. Bauer, in 1966</p> <hr/>
	From the cor. of secs. 26, 27, 34 and 35, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. T4N R7E S27 S26 S34 S35 1966. Add the marks 2017 to the brass cap.
	A mound of stone 3 ft. base, 1 1/2 ft. high, is alongside and W. of the iron post.
	Cor. is located within the northern foothills of Adams Mesa.
	S. 89°54' W., bet. secs. 27 and 34.
	Descending, over rolling land, through scattered palo verde.
39.99	The 1/4 sec. cor. of secs. 27 and 34, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T4N R7E 1/4 S27 S34 1966. Add the marks 2017 to the brass cap.
	Cor. is located atop a bluff overlooking Sycamore Creek.
	<hr/> <p style="text-align: center;">S. 89°54' W., beginning new measurement.</p>
13.09	Point selected for a witness point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.
	<p style="text-align: center;">W P T 4 N R 7 E S27</p> <hr/>
	<p style="text-align: center;">S34 2017</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post, with attached USFS sign # 54-9, alongside the cor.
	Cor. is located on the margin between upland and bottom land, edge bears N. 50° E. and S. 50° W.
19.99	Point for the W. 1/16 sec. cor. of secs. 27 and 34, at proportionate dist., falls within the bed of Sycamore Creek, where a permanent monument would be impracticable.
26.62	Point for the closing corner of secs. 27 and 34 at intersection with the E. bdy. of the FMIR, hereinbefore described.
	<hr/>
	From the cor. of secs. 26, 27, 34 and 35.
	N. 0°02' W., bet. secs. 26 and 27.
	Descending, over rolling land, through scattered palo verde.
18.40	Left bank of the S. channel of Sycamore Creek, 2 ft. high, course S. 80° W.
19.40	Right bank of the S. channel of Sycamore Creek, 2 ft. high, course S. 85° W.
22.90	Left bank of the N. channel of Sycamore Creek, 3 ft. high, course S. 85° W.
24.25	Right bank of the N. channel of Sycamore Creek, 4 ft. high, course W.
25.90	The closing cor. at intersection with line 6-7 of HES No. 413, hereinbefore described.
	From this cor. point, Cor. No. 6 of HES No. 413, bears N. 78°24' E., 13.09 chs. dist., hereinbefore described.
	From this same cor. point, Cor. No. 7 of HES No. 413, bears S. 78°22' W., 11.80 chs. dist., hereinbefore described.
	<hr/>
	N. 0°04' W., beginning new measurement.
	Within HES No. 413.
12.40	Graded road, 8 ft. wide, bear N. 70° E. and S. 70° W.
14.10	Point for the 1/4 sec. cor. of secs. 26 and 27, within HES No. 413, not monumented.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
16.43	Barbed wire fence, bear N. 80° E. and S. 80° W.
16.45	The closing cor. at intersection with line 4-5 of HES No. 413, hereinbefore described.
	From this cor. point, Cor. No. 5 of HES No. 413, bears N. 80°13' E., 12.85 chs. dist., hereinbefore described.
	From this same cor. point, Cor. No. 4 of HES No. 413, bears S. 80°09' W., 45.35 chs. dist., hereinbefore described.
	N. 0°02' W., beginning new measurement.
	Exit HES No. 413, ascending over rolling and broken land.
37.65	The cor. of secs. 22, 23, 26 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd. T4N R7E S22 S23 S27 S26 1966. Add the marks 2017 to the brass cap.
	S. 89°55' W., bet. secs. 22 and 27.
	Over heavily rolling land, through palo verde and mesquite.
40.00	The 1/4 sec. cor. of secs. monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T4N R7E 1/4 S22 S27 1966. Add the marks 2017 to the brass cap.
	A mound of stone 2 1/2 ft. base, 1 ft. high, is alongside and N. of the iron post.
	S. 89°54' W., beginning new measurement.
17.20	Point for the closing cor. of secs. 22 and 27, at intersection with the E. bdy. of the FMIR, hereinbefore described.
	From this cor. point, the 7 mile cor. of the FMIR, bears N. 6°34' E., 37.32 chs. dist., hereinbefore described.
	From this same cor. point, the 7 1/2 mile cor. of the FMIR, bears S. 6°34' W., 2.58 chs. dist., hereinbefore described.
	<p>Subdivision of Section 27, T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona</p>
	From the 1/4 sec. cor. of secs. 27 and 34, hereinbefore described.

Subdivision of Section 27,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0°04' W., on the N. and S. center line of sec. 27. Descending toward Sycamore Creek.
1.20	Left bank of Sycamore Creek, at base of bluff, course N. 70° W.
6.90	Right bank of Sycamore Creek, 3 ft. high, course S. 85° W.
20.90	Intersect line 8-1, of HES No. 413. From this point, Cor. No. 8 of HES No. 413, bears N. 65°32' E., 14.39 chs. dist., hereinbefore described. From this same point, Cor. No. 1 of HES No. 413, bears S. 65°32' W., 23.44 chs. dist., hereinbefore described. Continuing measurement across HES No. 413.
35.46	Barbed wire fence, bear N. 80° E. and S. 80° W.
35.48	Intersect line 4-5, of HES No. 413. From this point, the closing cor. at intersection with the line bet. secs. 26 and 27, bears N. 80°09' E., 40.58 chs. dist., hereinbefore described. From this same point, Cor. No. 4 of HES No. 413, bears S. 80°09' W., 4.77 chs. dist., hereinbefore described. Exit HES No. 413, ascending over rolling and broken land.
40.00	Point for the center 1/4 sec. cor. of sec. 27 at intersection with the E. and W. center line of sec. 27. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 1/2 ft. base to top, with brass cap mkd. T 4 N R 7 E C 1/4 S 27 2017
80.01	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. The 1/4 sec. cor. of secs. 22 and 27, hereinbefore described. <hr/> From the point for the 1/4 sec. cor. of secs. 26 and 27, hereinbefore described.

Subdivision of Section 27,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 89°54' W. on the E. and W. center line of sec. 27.
	Within HES No. 413, on the weighted mean bearing between the N. and S. section lines of sec. 27
13.68	Intersect line 4-5, of HES No. 413.
	From this point, the closing cor. at intersection with the line bet. secs. 26 and 27, bears N. 80°09' E., 13.89 chs. dist., hereinbefore described.
	From this same point, Cor. No. 4 of HES No. 413, bears S. 80°09' W., 31.46 chs. dist., hereinbefore described.
	Exit HES No. 413.
39.99	The center 1/4 sec. cor. of secs. 27.
56.91	Intersect line 3-4, of HES No. 413.
	From this point, Cor. No. 4 of HES No. 413, bears S. 66°32' E., 13.33 chs. dist., hereinbefore described.
	From this same point, Cor. No. 3 of HES No. 413, bears N. 66°32' W., 3.49 chs. dist., hereinbefore described.
	Continuing measurement across HES No. 413.
60.32	Cor. No. 1, of the metes-and-bounds survey of Lot 13, hereinbefore described.
	Exit HES No. 43, continuing measurement, identical with line 1-2, of the metes-and-bounds survey of Lot 13.
60.42	Barbed wire fence, bears N. 50° E. and S. 50° W.
61.85	Cor. No. 2, of the metes-and-bounds survey of Lot 13, at intersection with the E. bdy. of the FMIR, hereinbefore described.
	<hr/> SW 1/4, Section 27 <hr/>
	From the point for the W. 1/16 sec. cor. of secs. 27 and 34, hereinbefore described.
	N. 0°04' W. on the N. and S. center line of the SW 1/4 of sec. 27, parallel with the N. and S. center line of sec. 27.
	Across dry bed of Sycamore Creek.
3.80	Right bank Sycamore Creek, 5 ft. high, course S. 85° W.

Subdivision of Section 27,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
4.00	<p>Point selected for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP</p> <p>T 4 N R 7 E</p> <p>LOT 13 S 27</p> <p>2017</p> </div> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, alongside and W. of the cor.</p> <p>Resume setting steel fence posts, with attached USFS sign # 54-2, at 4 ch. (+/-) intervals.</p>
6.65	Track road, bears N. 60° E. and S. 60° W.
11.85	Cor. No. 7, of the metes-and-bounds survey of Lot 13, at intersection with line 8-1, of HES No. 413, hereinbefore described.
<hr/> <p>Metes-and-Bounds Survey of Lot 13, Section 27 T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From cor. No. 1, Lot 13, at the intersection of the E. and W. center line of sec. 27 with line 2-3, HES No. 413, hereinbefore described.
	S. 89°54' W. on line 1-2, Lot 13, identical with a portion of the E. and W. center line of sec. 27.
1.53	Cor. No. 2, Lot 13, at intersection with the E. bdy. of the FMIR, hereinbefore described
	S. 6°34' W., on line 2-3, Lot 13, identical with a portion of the east boundary of the FMIR.
2.06	Cor. No. 3, Lot 13, identical with the 8 mile cor., hereinbefore described.
	S. 6°44' W., on line 3-4, Lot 13, identical with a portion of the east boundary of the FMIR.
26.85	Cor. No. 4, Lot 13, identical with the witness cor. to the 8 1/2 mile cor., hereinbefore described.

**Metes-and-Bounds Survey of Lot 13, Section 27,
T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	S. 7°46' W., on line 4-5, Lot 13, identical with a portion of the east boundary of the FMIR.
0.89	Cor. No. 5, Lot 13, identical with the meander cor. on the right bank of Sycamore Creek, hereinbefore described. <hr/>
	S. 6°41' W., on line 5-6, Lot 13, identical with a portion of the east boundary of the FMIR.
10.49	Cor. No. 6, Lot 13, identical with the point for the closing cor. at intersection with the line bet. secs. 27 and 34, hereinbefore described. <hr/>
	N. 89°54' E., on line 6-7, Lot 13, identical with a portion of the line bet. secs. 27 and 34.
6.63	The point for the W. 1/16 sec. cor. of secs. 27 and 34, hereinbefore described. <hr/>
	N. 0°04' W., on line 7-8, Lot 13, identical with a portion of the N. and S. center line of the SW 1/4 of sec. 27.
11.85	Cor. No. 8, Lot 13, at intersection with line 8-1, HES No. 413, hereinbefore described. <hr/>
	S. 65°32' W., on line 8-9, Lot 13, identical with a portion of line 8-1, HES No. 413.
1.49	Cor. No. 9, Lot 13, identical with Cor. No. 1, HES 413, hereinbefore described. <hr/>
	N. 9°07' W., on line 9-10, Lot 13, identical with line 1-2 of HES No. 413.
10.63	Cor. No. 10, Lot 13, identical with Cor. No. 2, HES 413, hereinbefore described. <hr/>
	N. 8°19' E., on line 10-1, Lot 13, identical with a portion of line 2-3, HES No. 413.
18.47	Cor. No. 1, Lot 13. <hr/>

T. 4 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area surveyed is located in and around Sycamore Creek, adjacent to mile post 7 thru mile post 9, on the east boundary of the Fort McDowell Indian Reservation. Access is provided by Arizona State Highway 87 and U.S. Forest Service road 403.

The majority of HES No. 413 is located in the bottomlands alongside Sycamore Creek. Mesquite is the dominant timber in the bottom lands. Palo verde and saguaro are in the uplands.

At present the land in HES No. 413 is vacant, the areas adjacent to HES No. 413 are popular with off road enthusiast.

The mean magnetic declination of $10\ 1/2^{\circ}$ E. was derived from National Oceanic and Atmospheric Administration, on line Magnetic Field Calculator program, utilizing the World Magnetic Model 2015 for the dates of the survey.

