

ORIGINAL

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF THE
WEST BOUNDARY AND A PORTION OF THE SUBDIVISIONAL LINES,
AND
THE SUBDIVISION OF SECTIONS 31 AND 32
TOWNSHIP 17 SOUTH, RANGE 19 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated February 5, 2013, approved February 5, 2013, which provided for the surveys included under Group No. 1115, and assignment instructions dated February 5, 2013.

Survey commenced March 4, 2014

Survey completed April 22, 2014

INDEX DIAGRAM

TOWNSHIP 17 SOUTH RANGE 19 EAST
GILA & SALT RIVER MERIDIAN, ARIZONA

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T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines and the subdivision of sections 31 and 32, Township 17 South, Range 19 East, Gila and Salt River Meridian, Arizona.

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

In 1873, Theodore F. White, surveyed the township boundaries and the subdivisional lines within the township. In 1904, John H. Rockfellow remonumented the corner of sections 3, 4, 33 and 34 on the south boundary of the township, in conjunction with the survey of a portion of the subdivisional line in township 18 south, range 19 east. In 1908, Francis B. Jacobs and Daniel J. Curry, resurveyed the west boundary of the township. In 1922, Sidney E. Blout resurveyed the south boundary of the township.

The survey was requested by the Forest Supervisor, Coronado National Forest. Impending residential development adjacent to the National Forest necessitated the need to identify the boundary between public and private lands. Aluminum fence posts with attached USFS sign number 54-2, were set on the forest boundary at intervals of 4 chains +/-.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated February 5, 2013, for Group Number 1115, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation R8 and 5800 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.

Horizontal control was derived from GPS observed, National Geodetic Survey adjusted, Cochise County triangulation station J6, as published by the National Geodetic Survey, NAD 83 (2011).

The NAD83(2011), horizontal position of the corner of sections 3, 4, 33 and 34, on the south boundary of the township is as follows:

Latitude: 31°54'18.320" N.

Longitude: 110°24'01.223" W.

T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS

The NAD83(2011), horizontal position of the corner of sections 25, 30, 31 and 36, on the west boundary of the township is as follows:

Latitude: 31°55'09.238" N. Longitude: 110°27'03.361" W.

The mean magnetic declination is 10° E.

**Dependent Resurvey of a Portion of the West Boundary,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by Theodore F. White,
in 1873 and the resurvey executed
by Francis B. Jacobs and Daniel J. Curry in 1908

Beginning at the cor. of Tps. 17 and 18 S., Rs. 18 and 19 E., monumented with a quartz stone, 10 x 12 x 24 ins., mkd. with 6 notches on the NE, SE, SW and NW edges, loosely set, 5 ins. in the ground, in a scattered mound of stone, with a collapsed mound of stone S. of the cor.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, through bedrock, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.

T 17 S	
R 18 E	R 19 E
S 36	S 31
S 1	S 6
T 18 S	

2014

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

Rebuild the accessory mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, S. of corner, incorporate the mkd. stone, within the supporting mound of stone.

Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.

Cor. is located on the SE facing slope of Haystack Mountain.

N. 0°37' W., bet. secs. 31 and 36, on the W. bdy. of the Tp.

Over rolling land, through native grasses and mesquite timber.

Dependent Resurvey of a Portion of the West Boundary,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
0.65	Barbed wire fence, on ridge line, bears N. 70° W. and S. 70° E., for 24 lks. to intersection with fences extending N. 10° W. and S. 55° E.; thence descending over N. facing slope, W. of aged barbed wire fence extending irregularly N. and S.
39.08	<p>The 1/4 sec. cor. of secs. 31 and 36, monumented with a quartz stone, 14 x 8 x 8 ins., firmly set 7 ins. in the ground, encircled with a collar of stone, mkd. 1/4 on the W. face.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 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 17 S 1/4 R 18 E R 19 E S 36 S 31</p> <p>2014</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Incorporate the mkd. stone, within the mound of stone.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>From this cor. point, the cor. of barbed wire fences bears S. 56 1/2° E., 40 lks. dist., with fences extending N., E., and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°11' W., beginning new measurement.</p>
11.50	Track road, bears S. 80° E. and N. 80° W.
25.13	Aged barbed wire fence, bears irregularly N. and S.
40.38	<p>The cor. of secs. 25, 30, 31 and 36, monumented with a granite stone, 18 x 12 x 9 ins., firmly set 9 ins. in the ground, mkd. with 1 groove on the S. face and 5 grooves on the N. face.</p> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A mesquite snag, 17 ins. diam., bears S. 6° E., 17 lks. dist., with a burnt blaze.</p> <p style="padding-left: 40px;">A stump hole, 30 ins. diam., bears S. 42 3/4° W., 198 lks. dist., with a dead and downed oak, 24 ins. diam., alongside. (Record: S. 41° W.)</p>

**Dependent Resurvey of a Portion of the West Boundary,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS

At the corner point

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 17 S	
R 18 E	R 19 E
S 25	S 30
S 36	S 31

2014

Deposit a magnet, in a white plastic case, at the base of the stainless steel post, and bury the marked stone alongside the stainless steel post.

From this cor. point, a fence cor. bears S. 20° W., 6 lks. dist., with barbed wire fences extending N., E., and S.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Theodore F. White, in 1873

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. T17S R19E S33 S34 S4 S3 T18S 1922.

from which the remains of the original bearing trees

A stump hole, 12 ins. diam., bears S. 33 1/2° W., 95 lks. dist., with a dead and downed oak alongside.

A stump hole, 24 ins. diam., bears N. 76 1/2° W., 215 lks. dist., with a dead and downed oak alongside. (Record: N. 76° W.)

A mound of stone, 3 1/2 ft. base, 1 ft. high is S. of the cor.

The marked stone, replacing the original wood post, in the 1904, survey of a portion of the subdivisional lines in T. 18 S., R. 19 E., executed by John A. Rockfellow in 1904, was found lying loose nearby. Deposit this stone, 18 x 12 x 6 ins., properly marked within the accessory mound of stone, S. of the cor.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Cor. is located 1.5 lks. S. of a fence cor. with barbed wire fences, extending N. and E.</p> <p>N. 0°34' E., bet. secs. 33 and 34.</p> <p>Over rolling grass land, through mesquite timber.</p>
40.04	<p>The 1/4 sec. cor. of secs. 33 and 34, monumented with a mound of stone, 2 1/2 ft. base, 1/2 ft. high, with a PVC pipe, 10 ft. long, 1 1/4 ins. diam., set atop a metal guard stake, set within the mound. This is accepted as the best available evidence of the orig. cor. position.</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, 2 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E 1/4 S 33 S 34 2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
	<p>Cor. is located, 30 lks. E. of barbed wire fence, bears N. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°41' W., beginning new measurement.</p>
35.45	<p>Intersect a barbed wire fence, bears N. and S.</p>
40.06	<p>The cor. of secs. 27, 28, 33 and 34, reestablished by Ted D. Amox, Arizona R.L.S. No. 19315 in 2005, as recorded in Book 28 of Survey Maps, page 54, Cochise County Recorder's Office, monumented with a rebar, 17 ins. long, 1/2 in. diam., firmly set, 13 ins. in the ground, with attached aluminum cap mkd. T17S R19E S28 S27 S33 S34 RLS 19315 2005. This is accepted as a careful and faithful reestablishment of the orig. cor. position.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS

T 17 S	R 19 E
S 28	S 27
S 33	S 34

2014

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

Set an aluminum fence post with attached USFS sign number 54-2, alongside the aluminum post.

From this cor. point, the westerly terminus of a fence line, without wire, extending E., bears N. 25°17' E., 1.15 chs. dist.

From this same cor. point, a fence cor. with newer barbed wire fence extending N. 10° E. and older barbed wire fence extending E. and W., bears S. 31°45' E., 66 lks. dist.

From this same cor. point, fence cor. with barbed wire fences extending E., S., and W., bears S. 1°40' E., 58 lks. dist.

From the 1/4 sec. cor. of secs. 32 and 33, monumented with a mound of stone, 3 1/2 ft. base, 1 ft. high.

from which the remains of the orig. bearing trees

A stump hole, 24 ins. diam., bears N. 37 3/4° E., 35 lks. dist., with a dead and down oak alongside.
(Record: N. 37° E., 32 lks. dist.)

The base of a rotted and downed oak, 14 ins. diam., bears N. 74 1/4° W., 46 lks. dist. (Record: N. 75° W., 44 lks. dist.)

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, to bedrock, in a rebuilt mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.

T 17 S	R 19 E
1/4	
S 32	S 33

2014

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

N. 0°04' E., bet. secs. 32 and 33.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS							
	Over rolling land, through grass and mesquite timber.						
12.12	Wash, in canyon, 12 ft. wide, course N. 60° W.						
38.49	Barbed wire fence, bears E. and W.						
39.96	The cor. of secs. 28, 29, 32 and 33, reestablished at record distances from the remains of the orig. bearing trees.						
	A stump hole, 36 ins. diam., bears N. 57 1/4° E., 185 lks. dist., with a dead and downed oak, 24 ins. diam., alongside. (Record: N. 58° E.)						
	A stump hole, 36 ins. diam., bears N. 88° E., 135 lks. dist., with a dead and downed oak, 28 ins. diam., alongside. (Record: N. 89° E.)						
	At the corner point						
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.						
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">T 17 S</td> <td style="padding: 2px;">R 19 E</td> </tr> <tr> <td style="padding: 2px;">S 29</td> <td style="padding: 2px;">S 28</td> </tr> <tr> <td style="padding: 2px;">S 32</td> <td style="padding: 2px;">S 33</td> </tr> </table>	T 17 S	R 19 E	S 29	S 28	S 32	S 33
T 17 S	R 19 E						
S 29	S 28						
S 32	S 33						
	2014						
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
	Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.						
	From this cor. point, a rebar 1/2 in. diam., firmly set, with attached aluminum cap mkd. S/S RLS 7599, bears N. 29°21' E., 1.28 chs. dist.						
	From the cor. of secs. 27, 28, 33 and 34.						
	S. 89°13' W., bet. secs. 28 and 33.						
	Over rolling land.						
9.94	From this point, a PVC pipe, 1 1/2 ins. diam., 8 ft. high, set atop a rebar, 1/2 in. diam., bears North, 3.8 lks. dist.						
20.14	A rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with attached aluminum cap mkd. RLS 19315, located in barbed wire fence, extends N. and extends S. for 96 lks. to intersection with barbed wire fence extending E. and W.						

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
26.82	From this point, a rebar, 1/2 in. diam., firmly set, projecting 20 ins. above ground, bears South, 2.3 lks. dist.
28.10	Barbed wire fence, extends N. and extends S. for 112 lks. to intersection with barbed wire fence extending E. and W.
34.06	A rebar, 1/2 in. diam., firmly set, projecting 30 ins. above ground.
37.30	Wash in Cornfield canyon, 20 ft. wide, course N. 10° W.
40.28	<p>The 1/4 sec. cor. of secs. 28 and 33, perpetuated by Ted D. Amox, Arizona R.L.S. No. 19315 in 2005, as recorded in Book 28 of Survey Maps, page 54, Cochise County Recorder's Office, monumented with a rebar, 17 ins. long, 1/2 in. diam., firmly set, 13 ins. in the ground, with attached aluminum cap mkd. T17S R19E 1/4 S28 S33 RLS 19315 2005. This is accepted as a careful and faithful perpetuation of the orig. cor. position.</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, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E S 28 1/4 ——— S 33</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post, insert the rebar within the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>Cor. is located 1.45 chs. N. of barbed wire fence, extends E. and W.</p> <p style="text-align: center;">—————</p> <p>S. 88°16' W., beginning new measurement.</p>
11.58	From this point, a rebar 1/2 in. diam., firmly set, projecting 30 ins. above ground, bears North, 54 lks. dist.
19.82	From this point, a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, with attached aluminum cap mkd. S/S LS 5799, bears N. 90 lks. dist., located in barbed wire fence, extends N. and extends S. for 2.82 chs. to intersection with barbed wire fence, extending E. and W.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
20.60	From this point, the corner of barbed wire fence, extending E., S., and W., bears S., 1.97 chs. dist.
27.90	From this point, a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, with attached aluminum cap mkd. S/S LS 5799, bears North, 98 lks. dist., located in barbed wire fence, extends N. and extends S. for 2.75 chs. to intersection with barbed wire fence, extending E. and W.
33.90	USFS road number 4841, 2 track, bears S. 35° E. and N. 35° W.
40.61	The cor. of secs. 28, 29, 32 and 33.
	<p>From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. T17S R19E S31 S32 S6 S5 T18S 1922.</p>
	<p>from which the remaining original bearing tree</p>
	<p style="padding-left: 40px;">A juniper snag, 28 ins. diam., bears N. 18 1/2° W., 54 lks. dist., with a hacked out blaze.</p>
	<p>add the remains of the bearing trees marked in the 1922 resurvey</p>
	<p style="padding-left: 40px;">A stump hole, 10 ins. diam., bears N. 81° E., 15 lks. dist., with a dead and downed oak, with a hollowed out blaze, alongside.</p>
	<p style="padding-left: 40px;">An oak snag, 12 ins. diam., bears S. 64 1/4° E., 11 lks. dist., with illegible scribe marks on a partially healed blaze.</p>
	<p>Add the marks 2014 to the brass cap</p>
	<p>N. 0°32' E., bet. secs. 31 and 32.</p>
	<p>Over rolling land, through mesquite timber.</p>
19.77	<p>The S. 1/16 sec. cor. of secs. 31 and 32, monumented with a rebar, 17 ins. long, 1/2 in. diam., firmly set 14 ins. in the ground, origin uncertain. This is accepted as a careful and faithful establishment of the cor. position.</p>
	<p>At the corner point</p>
	<p style="padding-left: 40px;">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.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 17 S R 19 E</p> <p style="text-align: center;">S 1/16 S 31 S 32</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post, insert the rebar within the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>Cor. is located 13 lks. E. of barbed wire fence, extends N. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°32' E., beginning new measurement.</p>
19.79	<p>The 1/4 sec. cor. of secs. 31 and 32, monumented with a rebar, 17 ins. long, 1/2 in. diam., firmly set 12 ins. in the ground, encircled with a collar of stone, origin uncertain. This is accepted as the best available evidence of the orig. cor.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.</p>
	<p style="text-align: center;">T 17 S R 19 E</p> <p style="text-align: center;">1/4 S 31 S 32</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post, insert the rebar within the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>From this cor. point, the cor. of barbed wire fences bears N. 15°40' E., 10.7 lks. dist., with fences extending N., S. and W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 2°14' W., beginning new measurement.</p> <p>Over patented lands.</p>
19.905	<p>Point for the N. 1/16 sec. cor. of secs. 31 and 32.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Not monumented.
39.81	<p>The cor. of secs. 29, 30, 31 and 32, monumented with an iron pipe, 7/8 in. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 2 1/2 ft. base, to top, unknown origin. This is accepted as a careful and faithful perpetuation of the orig. cor. position. Not remonumented.</p> <p>from which the remains of the original bearing trees</p> <p>An oak snag, 13 ins. diam., bears S. 75 1/2° E., 24 lks. dist. (Rec: S. 69° E., 22 lks. dist.)</p> <p>A stump hole, 24 ins. diam., bears N. 12 1/4° W., 98 lks. dist., with a dead and downed oak alongside. (Rec: N. 10 1/2° W.)</p> <p>Cor. is located 30 lks. N. of an aged barbed wire fence, extends E. and W.</p> <hr/> <p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>N. 89°52' W., bet. secs. 29 and 32.</p> <p>Over gently rolling land.</p>
5.60	Dry wash, 20 ft. wide, course NW.
7.45	From this point, a rebar, 1/2 in. diam., set flush with the ground, with attached aluminum cap, mkd. SS RLS 7599, bears N., 95.3 lks. dist.
15.53	From this point, a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, with attached aluminum cap, mkd. SS RLS 7599, bears N., 78.9 lks. dist.
19.55	From this point, a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with attached aluminum cap, mkd. SS RLS 7599, bears N., 69.7 lks. dist., located in barbed wire fence, extends N. and extends S. for 2.15 chs. dist., to intersection with barbed wire fence, extending E. and W.
33.53	Barbed wire fence, extends N. and extends S., for 1.06 chs. dist., to intersection with barbed wire fence, extending E.
33.70	USFS road no. 212, 8 ft. wide, bears N. and S.
35.65	Barbed wire fence, bears N. 55° E. and S. 55° W.
39.62	The 1/4 sec. cor. of secs. 29 and 32, determined from the remains of an original bearing tree, confirmed by record topographic calls.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A stump hole, bears S. 61° E., 53 lks. dist., with a dead and downed oak, 18 ins. diam., alongside, with illegible scribe marks visible.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E S 29 1/4 ——— S 32</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>Cor. is located 11.5 lks. E. of barbed wire fence extends N. 1°13' E., and extending S. 1°13' W., for 1.00 ch. dist., to intersection with barbed wire fences extending E. and W.</p> <p>From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, with attached aluminum cap, mkd. SS RLS 7599, bears N. 21°21' W., 29.9 lks. dist., located in barbed wire fence, extends N. 1°13' E. and S. 1°13' W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89°20' W., beginning new measurement.</p>
8.98	Barbed wire fence extends N. and extend S., for 83.3 lks. dist., to intersection with barbed wire fences extending E. and W.
20.225	Point for the W. 1/16 sec. cor. of secs. 29 and 32. Not monumented.
	From this point, a rebar 5/8 in. diam., firmly set, projecting 4 ins. above ground, with attached aluminum cap mkd. RLS 26928, bears N. 20°08' W., 15.1 lks. dist.
26.20	Wash, 20 lks. wide, drains NW.
30.34	Point for the W-W 1/64 sec. cor. of secs. 29 and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 17 S R 19 E</p>
	<p style="text-align: center;">W-W S 29</p>
	<p style="text-align: center;">1/64 S 32</p>
	<p style="text-align: center;">2014</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
	<p>Cor. is located 49 lks. N. of an aged barbed wire fence, extends E. and W.</p>
	<p>From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 5 ins. above ground, bears N. 18°53' W., 7.5 lks. dist.</p>
40.45	<p>The cor. of secs. 29, 30, 31 and 32.</p> <hr/>
	<p>N. 89°58' W., bet. secs. 30 and 31.</p>
	<p>Across patented land.</p>
19.58	<p>Point for the E. 1/16 sec. cor. of secs. 30 and 31.</p>
	<p>Not monumented.</p>
29.37	<p>The W-E 1/64 sec. cor. of secs. 30 and 31, monumented with a rebar, 17 ins. long, 1/2 in. diam., firmly set 13 ins. in the ground. This is accepted as the best available evidence of the orig. cor.</p>
	<p>At the corner point</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p>
	<p style="text-align: center;">T 17 S R 19 E</p>
	<p style="text-align: center;">W-E S 30</p>
	<p style="text-align: center;">1/64 S 31</p>
	<p style="text-align: center;">2014</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post, insert the rebar within the stainless steel post.</p>
	<p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Cor. is located 20 lks. N. of an aged barbed wire fence, extends E. and W.</p> <hr/> <p>N. 89°57' W., beginning new measurement.</p> <p>9.80 The 1/4 sec. cor. of secs. 30 and 31, monumented with a rebar, 17 ins. long, 1/2 in. diam., firmly set 11 ins. in the ground. This is accepted as the best available evidence of the orig. cor.</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, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E S 30 1/4 ——— S 31</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post, insert the rebar within the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>Cor. is located 15 lks. N. of an aged barbed wire fence, extends E. and W.</p> <hr/> <p>N. 89°59' W., beginning new measurement.</p>
37.74	<p>The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., hereinbefore described.</p> <hr/> <p style="text-align: center;">Subdivision of Section 31, T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>Preliminary Statement: The survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, incorrectly used the 1/4 section cor. of section 6 only, T. 18 S., R. 19 E., to subdivide section 31. All interior subdivision of section corners, in sec. 31, referenced in the above survey are regarded as improperly established and are not utilized.</p> <hr/>

Subdivision of Section 31,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of sec. 31, on the S. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. 1/4 S31 1922</p> <p>from which the remains of a 1922 bearing tree.</p> <p style="padding-left: 40px;">A stump hole, 16 ins. diam., bears N. 59 1/2° W., 166 lks. dist., with a dead and downed oak alongside.</p> <p>Add the marks T17S R19E 2014 to the brass cap.</p> <p>From this cor. point, the 1/4 sec. cor. of sec. 6, T. 18 S., R. 19 E., bears S. 89°48' W., 65.5 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 20 ins. above ground, with brass cap mkd. 1/4 S6 1922.</p> <p>N. 0°42' W., on the N. and S. center line of sec. 31.</p> <p>Over rolling land.</p>
19.66	<p>Point for the center S. 1/16 sec. cor. of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E</p> <p style="text-align: center;">C S 1/16 S 31 C</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>From this cor. point, the NW cor. of an over flow tank, attached to a plastic water tank (11 ft. high, 8 ft. diam.) bears S. 45°11' E., 6.55 chs. dist.</p> <p>From this same cor. point, the incorrect center N. 1/16 sec. cor. established in the survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, bears N. 89°16' W., 49.6 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground.</p>
27.25	<p>Track road, bears N. 20° E. and S. 10° W.</p>

Subdivision of Section 31,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.32	<p>Point for the center 1/4 sec. cor. of sec. 31, at intersection with the E. and W. center line of sec. 31.</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, 2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E C 1/4 S 31</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>From this cor. point, the incorrect center 1/4 sec. cor. established in the survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, bears N. 89°16' W., 33.1 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground.</p>
39.57	Barbed wire fence, bears E. and W.
59.37	Point for the center N. 1/16 sec. cor. of sec. 31. Not monumented.
79.42	The 1/4 sec. cor. of secs. 30 and 31, hereinbefore described.
	<hr/> <p>From the 1/4 sec. cor. of secs. 31 and 32, hereinbefore described.</p> <p>S. 89°35' W., on the E. and W. center line of sec. 31.</p> <p>Across patented lands.</p>
20.115	<p>Point for the center E. 1/16 sec. cor. of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E</p> <p style="text-align: center;">E 1/16 C ——— C S 31</p> <p style="text-align: center;">2014</p>

**Subdivision of Section 31,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>Cor. is located 14 lks. S. of a barbed wire fence, bears E. and W.</p> <p>From this cor. point, the incorrect center E. 1/16 sec. cor. established in the survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, bears N. 88°34' W., 16.6 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground.</p>
40.23	The center 1/4 sec. cor. of sec. 31.
78.33	The 1/4 sec. cor. of sec. 31 and 36, on the W. bdy. of the Tp., hereinbefore described.
<hr/> <p>NE 1/4 Section 31</p> <hr/>	
	<p>From the center E. 1/16 sec. cor. of sec. 31.</p> <p>N. 1°27' W., on the N. and S. center line of the NE 1/4 of sec. 31.</p>
19.975	<p>Point for the NE 1/16 sec. cor. of sec. 31, at intersection with the E. and W. center line of the NE 1/4 of sec. 31.</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>
<p>T 17 S R 19 E</p> <p>NE 1/16 S 31</p> <p>2014</p>	
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p>

**Subdivision of Section 31,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From cor. point, the incorrect NE 1/16 sec. cor. established in the survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, bears N. 87°09' W., 8.1 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground.</p>
39.95	<p>Point for the E. 1/16 sec. cor. of secs. 30 and 31, hereinbefore described.</p> <hr/> <p>From the point for the N. 1/16 sec. cor. of secs. 31 and 32, hereinbefore described.</p> <p>S. 89°49' W., on the E. and W. center line of the NE 1/4 of sec. 31.</p> <p>Across patented lands.</p>
19.85	<p>The NE 1/16 sec. cor. of sec. 31.</p>
29.775	<p>Point for the C-W-NE 1/64 sec. cor. of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E</p> <p style="text-align: center;">S 31 C-W-NE 1/64</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>The incorrect C-W-NE 1/64 sec. cor. established in the survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, was not found.</p>
39.70	<p>The point for the center N. 1/16 sec. cor. of sec. 31.</p> <hr/> <p>From the C-W-NE 1/64 sec. cor. of sec. 31.</p> <p>N. 1°03' W., on the N. and S. center line of the NW 1/4 of the NE 1/4 of sec. 31.</p>

**Subdivision of Section 31,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS	
20.01	<p>The W-E 1/64 sec. cor. of secs. 30 and 31, hereinbefore described.</p> <hr/> <p style="text-align: center;">SE 1/4 Section 31</p> <hr/> <p>From the S. 1/16 sec, cor. of secs. 31 and 32, hereinbefore described.</p> <p>S. 89°46' W., on the E. and W. center line of the SE 1/4 of sec. 31.</p>
39.81	<p>The center S. 1/16 sec. cor. of sec. 31.</p> <hr/> <p style="text-align: center;">Subdivision of Section 32, T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>Preliminary Statement: The survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, did not recover original evidence at the 1/4 sec. cor. of secs. 29 and 32, and utilized the local 1/4 sec. cor. of secs. 29 and 32, in subdividing sec. 32. All interior subdivision of section corners in sec. 31, referenced in the above survey are regarded as improperly established and are not utilized.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 5 and 32, on the S. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd. 1/4 S32 S5 1922.</p> <p>from which the remains of a 1922 bearing tree</p> <p style="padding-left: 40px;">An oak snag, 22 ins. diam., bears S. 55 3/4° W., 49 lks. dist., no marks visible.</p> <p>Add the marks T17S R19E T18S 2014 to the brass cap.</p> <p>N. 0°27' W., on the N. and S. center line of sec. 32.</p> <p>Over rolling land.</p>
39.50	<p>Point for the center 1/4 sec. cor. of sec. 32, at intersection with the E. and W. center line of sec. 32.</p> <p>Not monumented.</p>
59.57	<p>Point for the center N. 1/16 sec. cor. of sec. 32.</p> <p>Not monumented.</p>

Subdivision of Section 32,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
79.64	<p>The 1/4 sec. cor. of secs. 29 and 32, hereinbefore described.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 32 and 33. S. 89°51' W., on the E. and W. center line of sec. 32.</p>
39.26	The point for the center 1/4 sec. cor. of sec. 32.
58.87	<p>Point for the center W. 1/16 sec. cor. of sec. 32.</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> <p style="text-align: center;">T 17 S R 19 E</p> <p style="text-align: center;">W 1/16 C———C S 32</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>From this cor. point, the improperly established center W. 1/16 sec. cor., established in the survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, bears N. 85°50' W., 2.6 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 1 ins. above ground.</p>
73.05	Track road, bears N. 20° E. and S. 20° W.
78.48	<p>The 1/4 sec. cor. of secs. 31 and 32, hereinbefore described.</p> <hr/> <p style="text-align: center;">NW 1/4 Section 32</p> <hr/> <p>From the center W. 1/16 sec. cor. of sec. 32. N. 1°20' W., on the N. and S. center line of the NW 1/4 of sec. 32.</p>
19.985	Point for the NW 1/16 sec. cor. of sec. 32, at intersection with the E. and W. center line of the NW 1/4 of sec. 32.

Subdivision of Section 32,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E</p> <p style="text-align: center;">NW 1/16 S 32</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p> <p>From this cor. point, the improperly established NW 1/16 sec. cor., established in the survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, bears N. 27°25' W., 8.7 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground.</p>
39.97	<p>The point for the W. 1/16 sec. cor. of secs. 29 and 32, hereinbefore described.</p> <hr/> <p>From the point for the center N. 1/16 sec. cor. of sec. 32.</p> <p>S. 89°35' W., on the E. and W. center line of the NW 1/4 of sec. 32.</p>
19.92	<p>The NW 1/16 sec. cor. of sec. 32.</p>
29.88	<p>Point for the C-W-NW 1/64 sec. cor. of sec. 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 17 S R 19 E</p> <p style="text-align: center;">C-W-NW 1/64</p> <p style="text-align: center;">2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set an aluminum fence post with attached USFS sign number 54-2, alongside the cor.</p>

**Subdivision of Section 32,
T. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS	<p>From this cor. point, the improperly established C-W-NW 1/64 sec. cor., established in the survey executed by Alfonso Torres, Arizona R.L.S. No. 15342, in 2006, recorded in Cochise County Recorder's Office in Book 30, Page 29, bears N. 23°08' W., 4.4 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground.</p>
39.84	<p>The point for the N. 1/16 sec. cor. of secs. 31 and 32, hereinbefore described.</p> <hr/> <p>From the C-W-NW 1/64 sec. cor. of sec. 32.</p> <p>N. 1°47' W., on the N. and S. center line of the NW 1/4 of the NW 1/4 of sec. 32.</p>
19.94	<p>The W-W 1/64 sec. cor. of secs. 29 and 32, hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The area embraced in this survey is located approximately 10 miles west of the city of Benson, within the north foothills of the Whetstone Mountains. The elevation ranges from approximately 4200 to 5000 ft. above sea level.</p> <p>Vegetation is predominately native grasses and mesquite timber, with some juniper at the higher elevations, except near water sources the oak timber has all died out.</p> <p>Access is by way of U.S. Interstate Highway Number 10, J Six Ranch Road, and USFS road numbers 212 and 4841.</p> <p>The mean magnetic declination of 10° E. was derived from the National Oceanic and Atmospheric Administration, on line Magnetic Field Calculator, utilizing the World Magnetic Model 2010 for the date of the survey.</p> <hr/>

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 5th day of February, 2013, I have dependently resurveyed a portion of the west boundary and a portion of the subdivisional lines and subdivided sections 31 and 32, Township 17 South, Range 19 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 Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

Nov. 3, 2014
(Date)

Gordon R. Bubel
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines and the subdivision of sections 31 and 32, Township 17 South, Range 19 East, Gila and Salt River Meridian, in the State of Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

12/9/2014
(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. 17 S., R. 19 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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