

ORIGINAL

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

FIELD NOTES

OF

THE ESTABLISHMENT OF THE NORTHEAST CORNER OF THE TOWNSHIP

AND THE SURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 1 SOUTH, RANGE 19 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Christopher P. McDonald, Cadastral Surveyor

Under Special Instructions dated March 15, 2010, approved March 15, 2010, which provided for the surveys included under Group No. 1074, and assignment instructions dated December 17, 2010.

Survey commenced February 28, 2011

Survey completed March 31, 2011

INDEX DIAGRAM

**TOWNSHIP 1 SOUTH RANGE 19 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA**

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Establishment of NE Tp. Cor.Page 4
Electronic Control CornerPages 17-18

T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the establishment of the northeast corner of the township and the survey of a portion of the subdivisional lines, Township 1 South, Range 19 East, Gila and Salt River Meridian, Arizona.

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

H.L. Baldwin surveyed the base line through range 18 E. in 1915 William E. Hiester surveyed the base line through range 19 E. in 1931 Geoffrey A. Graham resurveyed the base line and the west boundary in 2010 concurrently under this same Group. Christopher P. McDonald surveyed the south boundary concurrently under this same Group.

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 March 15, 2010, for Group Number 1074, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5800 and 5700 model receivers.

Geodetic control was derived from Township 1 South, Range 18 East, Electronic Control Corner Number 1, Group Number 872, as recorded on Bureau of Land Management plat for Township 1 South, Range 18 East, dated October 29, 2009.

The NAD 83 (CORS96) (EPOCH: 2009) geographic position of the closing corner of Townships 1 South, Ranges 19 and 20 East, is as follows:

Latitude: 33°22'44.00" N. Longitude: 110°20'45.03" W.

The NAD 83 (CORS96) (EPOCH: 2009) geographic position of Electronic Control Corner Number 3, Group 1074, in Township 2 South, Range 19 East, is as follows:

Latitude: 33°19'47.844" N. Longitude: 110°23'37.222" W.

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

**Establishment of the Northeast Corner of the Township,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS

The point for the closing corner of Tps. 1 S., Rgs. 19 and 20 E., determined at intersection with the Gila and Salt River base line, North from the cor. of Tps. 1 and 2 S., Rgs. 19 and 20 E.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

T 1 N	R 19 E
S 34	

S 1	S 6
R 19 E	R 20 E
T 1 S	
CC	

2011

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

Raise a mound of stone, 3 ft. base 2 ft. high, S. of cor.

From this cor. point, the cor. of Tps. 1 and 2 S., Rgs. 19 and 20 E., bears South, 460.09 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T1S R19E R20E S36 S31 S1 S6 T2S 2011.

From this same cor. point, the stand. cor. of secs. 34 and 35, T. 1 N., R. 19 E., bears S. 89°59' E., 20.39 chs. dist., monumented with an iron pipe, 2 ins. diam., firmly set, projecting 14 ins. above ground, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd. SC T1N R19E S34 S35 2010 1931.

From this same cor. point, the stan. 1/4 sec. cor. of sec. 34 only, T. 1 N., R. 19 E., bears N. 89°59' W., 19.61 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 15 ins. above ground, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd. SC T1N R19E 1/4 S34 2010 1931.

**Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

From the cor. of secs. 3, 4, 33, and 34, monumented with an stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T1S R19E S33 S34 S4 S3 T2S 2011.

**Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>N. 0°02' W., bet. secs. 33 and 34.</p> <p>Over rolling and broken terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 33 and 34.</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> <p style="text-align: center;">T 1 S R 19 E 1/4 S 33 S 34</p> <p style="text-align: center;">2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Raise a mound of stone, 3 ft. base 2 ft. high, W. of cor.</p>
80.00	<p>Point for the cor. of secs. 27, 28, 33 and 34.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground to bedrock, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 1 S R 19 E S 28 S 27 S 33 S 34</p> <p style="text-align: center;">2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Terrain, rolling to broken. Soil, sandy loam. Timber, palo negro; undergrowth, creosote.</p> <hr/> <p>From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., monumented with an stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T1S R19E S32 S33 S5 S4 T2S 2011.</p>
40.00	<p>N. 0°02' W., bet. secs. 32 and 33.</p> <p>Over rolling and broken terrain.</p> <p>Point for the 1/4 sec. cor. of secs. 32 and 33.</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>

Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 1 S R 19 E 1/4 S 32 S 33 2011
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
80.00	Point for the cor. of secs. 28, 29, 32 and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 1 S R 19 E S 29 S 28 S 32 S 33 2011
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Terrain, rolling to Broken. Soil, sandy loam. Timber, mesquite and palo negro; undergrowth, creosote.
	<hr/> From the cor. of secs. 27, 28, 33 and 34. West, bet. secs. 28 and 33. Over rolling and broken terrain.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 1 S R 19 E S 28 1/4 ——— S 33 2011
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

**Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS	
80.00	<p>Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, N. of cor. The cor. of secs. 28, 29, 32 and 33.</p> <p>Terrain, rolling to Broken. Soil, sandy loam. Timber, mesquite and palo negro; undergrowth, creosote and ocotillo.</p> <hr/> <p>From the cor. of secs. 5, 6, 31, and 32, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. T1S R19E S31 S32 S6 S5 T2S 2011.</p> <p>N. 0°03' W., bet. secs. 31 and 32.</p> <p>Over rolling and broken terrain.</p>
1.50	<p>South Geronimo road, asphalt pavement, 30 ft. wide, bears S. 80° E. and N. 70° W.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 31 and 32.</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> <p style="text-align: center;">T 1 S R 19 E 1/4 S 31 S 32 2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.</p>
80.00	<p>Point for the cor. of secs. 29, 30, 31 and 32.</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 1 S R 19 E S 30 S 29 S 31 S 32 2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>

Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Terrain, rolling to broken. Soil, sandy loam. Timber, mesquite and palo negro; undergrowth, creosote.</p> <hr/> <p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>West, bet. secs. 29 and 32.</p> <p>Over rolling and broken terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 29 and 32.</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> <p style="text-align: center;">T 1 S R 19 E S 29 1/4 ——— S 32</p> <p style="text-align: center;">2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Raise a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, N. of cor.</p>
80.00	<p>The cor. of secs. 29, 30, 31 and 32.</p> <p>Terrain, rolling to broken. Soil, sandy loam. Timber, mesquite and palo negro; undergrowth, creosote.</p> <hr/> <p>West, bet. secs. 30 and 31.</p> <p>Over rolling and broken terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 30 and 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 1 S R 19 E S 30 1/4 ——— S 31</p> <p style="text-align: center;">2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>

**Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Raise a mound of stone, 2 1/2 ft. base 2 ft. high, N. of cor.
57.65	Peridot Siding Road, Asphalt road, 30 ft. wide, bears N. 20°E. and S. 10° W.
66.80	Enter the floodplain of the San Carlos River.
78.09	The true point for the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of Tp., falls in the San Carlos River, where it is impracticable to establish a permanent monument. From this true point, the witness cor. to the cor. of secs. 25, 30, 31 and 36, bears N. 59°38' W., 8.94 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. WC T1S R18E R19E S25 S30 S36 S31 2010, and an arrow pointing to the true point. Terrain, rolling to floodplain of the San Carlos River. Soil, sandy loam. Timber, mesquite and cottonwood; undergrowth, creosote and barrel cactus.
	From the cor. of secs. 29, 30, 31 and 32. N. 0°03' W., bet. secs. 29 and 30. Over flat to rolling ground.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, 3 ft. base, to top, with brass cap mkd. <div style="text-align: center;"> T 1 S R 19 E 1/4 S 30 S 29 2011 </div>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 19, 20, 29 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a collar of stone, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS							
	<p style="text-align: center;">T 1 S R 19 E <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 19</td> <td style="padding: 0 5px;">S 20</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 30</td> <td style="padding: 0 5px;">S 29</td> </tr> </table> 2011 </p>	S 19	S 20	S 30	S 29		
S 19	S 20						
S 30	S 29						
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Terrain, broken. Soil, loam and limestone. Timber, mesquite, saguaro and palo verde; undergrowth, creosote, ocotillo and prickly pear.</p>						
	<hr/> <p>West, bet. secs. 19 and 30.</p> <p>Over rolling and broken terrain.</p>						
<p>40.00</p>	<p>Point for the 1/4 sec. cor. of secs. 19 and 30.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 3 ins. below the surface of the ground, with brass cap mkd.</p>						
	<p style="text-align: center;">T 1 S R 19 E <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 5px;">S 19</td> <td style="padding: 0 5px;">1/4</td> <td style="padding: 0 5px;">—</td> </tr> <tr> <td style="padding: 0 5px;">S 30</td> <td></td> <td></td> </tr> </table> 2011 </p>	S 19	1/4	—	S 30		
S 19	1/4	—					
S 30							
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located in the front yard of a house, the NW corner of the house, bears S. 5°E., 1.21 chs. dist.</p>						
<p>61.90</p>	<p>Enter the floodplain of the San Carlos River.</p>						
<p>71.50</p>	<p>Leave the floodplain of the San Carlos River.</p>						
<p>78.02</p>	<p>The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T1S R18E R19E S24 S19 S25 S30 2010.</p> <p>Terrain, rolling to broken. Soil, sandy loam. Timber, mesquite and cottonwood; undergrowth, creosote and barrel cactus.</p>						
	<hr/> <p>From the cor. of secs. 19, 20, 29 and 30.</p>						

Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>N. 0°03' W., bet. secs. 19 and 20.</p> <p>Over rolling and broken terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 19 and 20.</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> <p style="text-align: center;">T 1 S R 19 E 1/4 S 19 S 20</p> <p style="text-align: center;">2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.</p>
80.00	<p>Point for the cor. of secs. 17, 18, 19 and 20.</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> <p style="text-align: center;">T 1 S R 19 E S 18 S 17 S 19 S 20</p> <p style="text-align: center;">2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p> <p>Terrain, rolling to broken. Soil, sandy loam. Timber, palo verde and mesquite; undergrowth, creosote and prickly pear cactus.</p> <hr/> <p>West, bet. secs. 18 and 19.</p> <p>Over rolling and broken terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 18 and 19.</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>

Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 1 S R 19 E S 18 1/4 ——— S 19</p> <p style="text-align: center;">2011</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.</p>
59.80	Enter the floodplain of the San Carlos River.
77.94	<p>The true point for the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of Tp., falls in the San Carlos River, where it is impracticable to establish a permanent monument.</p> <p>From this true point, the witness cor. to secs. 13, 18, 19 and 24, bears S. 34°16' W., 4.03 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. WC T1S R18E R19E S13 S18 S24 S19 2010, and an arrow pointing to the true point.</p> <p>Terrain, rolling to broken. Soil, sandy loam. Timber, mesquite and cottonwood; undergrowth, creosote and barrel cactus.</p> <hr/>
	<p>From the cor. of secs. 17, 18, 19 and 20.</p> <p>N. 0°03' W., bet. secs. 17 and 18.</p> <p>Over rolling and broken terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 17 and 18.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground to bedrock, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.</p>
	<p style="text-align: center;">T 1 S R 19 E 1/4 S 18 S 17</p> <p style="text-align: center;">2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>

**Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS					
80.00	<p>True point for the cor. of secs. 7, 8, 17 and 18, falls in a steep wash, drains N. from S., where it is impracticable to establish a permanent monument.</p> <p>The point selected for a witness cor. to the cor. of secs. 7, 8, 17 and 18, bears S. 81°34' E., 73 lks. dist.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, , in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>WC</p> <p>T 1 S R 19 E</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">← S 7</td> <td style="padding: 0 5px;">S 8</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 18</td> <td style="padding: 0 5px;">S 17</td> </tr> </table> <p>2011</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Terrain, rolling to broken. Soil, sandy loam. Timber, mesquite and palo negro; undergrowth, creosote, yucca and prickly pear cactus.</p> <hr style="width: 50%; margin: 10px auto;"/> <p>West, bet. secs. 7 and 18.</p> <p>Over rolling and broken terrain.</p>	← S 7	S 8	S 18	S 17
← S 7	S 8				
S 18	S 17				
40.00	<p>Point for the 1/4 sec. cor. of secs. 7 and 18.</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> <div style="text-align: center;"> <p>T 1 S R 19 E</p> <p>S 7</p> <p>1/4 ———</p> <p>S 18</p> <p>2011</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>				
64.10	Enter the floodplain of the San Carlos River.				
69.90	Leave the floodplain of the San Carlos River.				

**Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS	
77.86	<p>The cor. of secs. 7, 12, 13 and 18, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T1S R18E R19E S12 S7 S13 S18 2010.</p> <p>Terrain, rolling to broken. Soil, sandy loam. Timber, mesquite and palo negro; undergrowth, creosote and barrel cactus.</p> <hr/> <p>From the true point for the cor. of secs. 7, 8, 17 and 18. N. 0°03' W., bet. secs. 7 and 8. Over rolling to broken ground.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 7 and 8.</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> <p style="text-align: center;">T 1 S R 19 E 1/4 S 7 S 8 2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>
80.00	<p>Point for the cor. of secs. 5, 6, 7 and 8.</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> <p style="text-align: center;">T 1 S R 19 E S 6 S 5 ----- S 7 S 8 2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Raise a mound of stone, 3 1/2 ft. base, 3 ft. high, W. of cor.</p>

Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Terrain, rolling. Soil, rocky loam. Timber, mesquite and palo negro; undergrowth, creosote and prickly pear.</p> <hr/> <p>West, bet. secs. 6 and 7. Over rolling and broken terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 6 and 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to bedrock, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 1 S R 19 E S 6 1/4 ——— S 7</p> <p style="text-align: center;">2011</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
46.50	Enter the floodplain of the San Carlos River.
49.40	Leave the floodplain of the San Carlos River.
77.78	<p>The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., monumented with a stainless steel post, set flush with the ground, with brass cap mkd., T1S R18E R19E S1 S6 S12 S7 2010.</p> <p>Terrain, nearly level. Soil, sandy loam. Timber, mesquite; undergrowth, creosote, prickly pear and cholla cactus.</p> <hr/> <p>From the cor. of secs. 5, 6, 7 and 8. N. 0°03' W., bet. secs. 5 and 6. Over rolling and broken terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 5 and 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground to bedrock, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 1 S R 19 E 1/4 S 6 S 5 2011
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
60.25	Point for the closing cor. of secs. 5 and 6, on the N. bdy. of the Tp., at intersection with the Gila and Salt River base line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 1 N R 18 E S 35 ----- S 6 S 5 T 1 S R 19 E CC 2011
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Raise a mound of stone, 3 ft. base 3 ft. high, S. of cor.
	From this cor. point, the stan. cor. of secs. 35 and 36, T. 1 N., R. 18 E., bears S. 89°58' E., 20.40 chs. dist., monumented with an iron pipe, 3 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. SC T1N R18E S35 S36 2010 1915.
	From this same cor. point, the stan. 1/4 sec. cor. of sec. 35 only, T. 1 N., R. 18 E., bears N. 89°58' W., 19.60 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above ground, in a collar of stone, with brass cap mkd. SC T1N R18E 1/4 S35 2010 1915.
	Terrain, rolling to broken. Soil, sandy loam. Timber, mesquite; undergrowth, creosote.
	<hr/> Point for the 1/4 sec. cor. of sec. 6 only, at 40.00 chs. in westing from the closing cor. of secs. 5 and 6, on the N. bdy. of sec. 6.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

**Survey of a Portion of the Subdivisional Lines,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS

T 1 N R 18 E
S35

1/4 S 6
T 1 S R 19 E

2011

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

Raise a mound of stone, 3 ft. base 2 ft. high, N. of cor.

From this cor. point, the stan. 1/4 sec. cor. of sec. 35 only, T. 1 N., R. 18 E., bears S. 89°56' E., 20.40 chs. dist., hereinbefore described.

From this same cor. point, the stan. cor. of secs. 34 and 35, T. 1 N., R. 18 E., bears N. 89°56' W., 19.60 chs. dist., monumented with an iron pipe, 3 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. SC T1N R18E S34 S35 2009 2010 1915.

Terrain, level.

Soil, silted loam.

Timber, mesquite; undergrowth, grasses.

**Electronic Control Corner,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

Point selected for an electronic control corner for Township 1 South, Range 19 East, is as follows:

Latitude: 33°19'47.844" N.

Longitude: 110°23'37.222" W.

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.

T 1 S R 19 E
EC NO 3

—+—
|
GP NO 1074

2011

**Electric Control Corner,
T. 1 S., R. 19 E., Gila and Salt River Meridian, Arizona**

CHAINS

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

The cor. is located on top of a small hill, by Trainer Tank.
from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 27 ins. in the ground for a reference monument, bears S. 45°36' E., 66.1 ft. dist. with brass cap mkd. RM T1S R19E 66.1 FT TO EC 2011 and an arrow pointing to the cor.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground for a reference monument, bears S. 44°21' W., 1175.4 ft. dist. with brass cap mkd. RM T1S R19E 1175.4 FT TO EC 2011 and an arrow pointing to the cor.

GENERAL DESCRIPTION

This survey is located on the San Carlos Apache Indian Reservation, southeast of the community of San Carlos. The terrain is rolling and broken, with mesas and ravines throughout. Access is primarily cross country with only small sections reached from various unimproved roads.

The elevation varies from 2,500 ft. to 4,000 ft. on top of the Mesa. The San Carlos river lays in the westerly end of the Township.

The mean magnetic declination of 10 1/2°E. was derived from the National Geophysical Data Center's magnetic declination calculator, GEOMAG v6.0, utilizing the International Geomagnetic Reference Field Model for years 2010 through 2015, for the dates of the survey.

CERTIFICATE OF SURVEY

I, Christopher P. McDonald, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 15th day of March, 2010, I have established the northeast corner of the township and surveyed a portion of the subdivisional lines, Township 1 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.

01/17/2012
(Date)

Christopher P. McDonald
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the establishment of the northeast corner of the township and the survey of a portion of the subdivisional lines, T. 1 S., R. 19 E., Gila and Salt River Meridian, in the State of Arizona, executed by Christopher P. McDonald, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

2/6/2012
(Date)

Stephen K. Hansen
(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. 1 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)~~